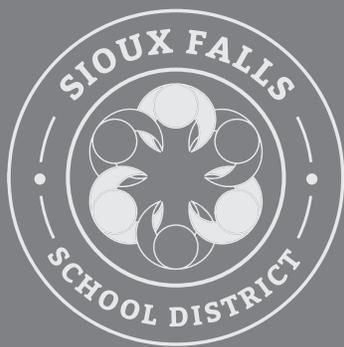


Jefferson

Roosevelt



2023

2024

**SIOUX FALLS
SCHOOL DISTRICT**

high school
course information
& career planning guide

www.sf.k12.sd.us | grades 9-12



Lincoln

Washington



Dear High School Students and Families,

Our mission in the Sioux Falls School District is “to educate and prepare each student to succeed in a changing world.” As educators, we believe one of the essential skills for each student is the ability to plan for his/her own success.

To the student: The High School Course Information and Career Planning Guide is designed to help you develop your learning plan. Our goal is to assist you in the selection of courses that best meet your career goals for high school and beyond. We hope you take every opportunity to choose courses that fit your career plan and provide the greatest opportunity for your success. With guidance from parents/guardians and school counselors, we encourage you to review your learning plan each year and seek the approval of your parents/guardians for necessary changes in your plan.

Graduation requirements are included in this guide. Please read them carefully and ask your counselor if you have questions.

A few points to remember as you begin the exciting task of selecting your courses:

- Select classes to match your interests and provide for your success.
- Review and understand the high school graduation requirements.
- Work with school counselors, teachers, parents, and administration to create a learning plan that is best for you.

To the parents and guardians: We expect each student to reach his or her fullest potential. We appreciate your partnership in encouraging your student to make the most of his/her high school experience. Our goal is for each student to take advantage of every high school opportunity. We thank you for your support in making this happen.

I encourage you to make careful use of this course book, plan wisely, and enjoy your high school years. Our administrators, teachers, counselors, and entire high school staff are here to support your success.

Sincerely,

A handwritten signature in black ink that reads "Dr. Jane E. Stavem". The signature is written in a cursive style with a large, looped initial "D".

Dr. Jane Stavem
Superintendent



MISSION STATEMENT

Sioux Falls School District 49-5

To educate and prepare each student to succeed in a changing world.



Washington High School

The mission of Washington High School is:
To develop life-long learners to succeed in a changing world.



Lincoln High School

The mission of Lincoln High School is:
To educate and prepare each student to succeed in a changing world.



Roosevelt High School

The mission of Roosevelt High School is:
To educate and prepare each student to succeed in a changing world.



Jefferson High School

The mission of Jefferson High School is:
To educate and prepare each student to succeed in a changing world.



Career and Technical Education Academy

The mission of Career and Technical Academy is:
To educate and prepare students for future success through specialized, rigorous, career-oriented learning.

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Academic & Career Planning

The Sioux Falls School District has developed these steps to help you determine what academic and career plans you will choose as you begin high school and transition to postsecondary education, training, or the world of work.

- ✓ A career interest inventory was given to you in 8th grade. You will take another career interest inventory and an ability assessment in 10th grade.
- ✓ Your high school counselor and English teachers will provide academic and career planning activities during your English I, English II, and English III classes.
- ✓ Contact your counselors for information about articulation agreements between all four State Technical School programs, and Sioux Falls School District high school courses.
- ✓ This high school course information book has an academic and career planning section for you and your parents/guardians to review. This section recommends that you:
 1. Consider your abilities, skills, and values as you select high school courses that will lead toward a career.
 2. Explore information at www.sdmylife.com. Your school counselor can help you get started with this.
 3. Complete the interest quiz on pages 5-12 which asks:
Who are you? Where are you going? What elective courses should you take?
 4. Create a personal learning plan for yourself. Students are required to have a Personal Learning Plan to graduate.

The following pages link to the South Dakota Career Clusters. A career cluster is a grouping of occupations on common knowledge and skills. Each cluster framework has an established pathway and specialties including both technical and professional occupations. There are recommendations of elective courses in each section which connect to each of these career clusters.

You can find more information on each cluster at <http://doe.sd.gov/topics.aspx> under "Career Clusters/Programs of Study." Select Career Clusters that interest you and view the cluster framework and sequence of courses. Good luck!

| | | | |
|---|--|--|--|
| <p>Agriculture, Food & Natural Resources</p>  | <p>Education & Training</p>  | <p>Hospitality & Tourism</p>  | <p>Manufacturing</p>  |
| <p>Architecture & Construction</p>  | <p>Finance</p>  | <p>Human Services</p>  | <p>Marketing, Sales & Service</p>  |
| <p>Arts, A/V Technology & Communications</p>  | <p>Government & Public Administration</p>  | <p>Information Technology</p>  | <p>Science, Technology, Engineering & Math</p>  |
| <p>Business, Management & Administration</p>  | <p>Health Science</p>  | <p>Law, Public Safety & Security</p>  | <p>Transportation, Distribution & Logistics</p>  |

Career Cluster Exploration

Directions: Circle the items in the first two columns of each box that best describe you. You may make as many or as few circles in each box as you choose. Add up the number of circles in each box. Look to see which boxes have the highest numbers to see which Career Clusters you may want to explore and what types of elective classes you should take.

| | | | | |
|--|---|--|--|--|
|  | | <h3>Occupations Relating to This Career Cluster</h3> | | <h3>Courses I should take:</h3> |
| <p>Activities that describe what I like to do:</p> <ol style="list-style-type: none"> Learn how things grow and stay alive. Make the best use of the earth's natural resources. Hunt and/or fish. Protect the environment. Be outdoors in all kinds of weather. Plan, budget, and keep records. Operate machines and keep them in good repair. | <p>Personal qualities that describe me:</p> <ol style="list-style-type: none"> Self-reliant Nature lover Physically active Planner Creative problem solver <p>School subjects that I like:</p> <ol style="list-style-type: none"> Math Life Sciences Earth Sciences Chemistry Agriculture | <p>Requiring Postsecondary Education</p> <p>Agricultural Chemical Dealer Aquaculturist Bank/Loan Officer Environmental Compliance-Assurance Manager Equine Manager Farm Manager Health and Safety Sanitarian Meat Cutter-Meat Grader Park Manager Produce Buyer Recycling Technician Wildlife Manager</p> | <p>Requiring Baccalaureate Degree</p> <p>Agricultural Educator Botanist Ecologist Environmental Engineer Fish and Game Officer Landscape Architect Plant Pathologist Veterinarian</p> | <p>Environmental Science AP Environmental Science Physical Science Chemistry AP Biology Physics Intro to Vehicle Systems & Maintenance Repairing Small Engines General Foods Advanced Foods Welding AP Human Geography Marketing Education Single Survival Applied Math Consumer Math Career Internship</p> <p>Recommended CTE Academy Courses: CTE Exploration Welding II Advanced Welding & Manufacturing Auto Technology Classes Plant Science/Horticulture Small Animal Science Large Animal Science Agricultural Leadership Agricultural Biotechnology</p> |

| | | | | |
|---|---|--|--|--|
|  | | <h3>Occupations Relating to This Career Cluster</h3> | | <h3>Courses I should take:</h3> |
| <p>Activities that describe what I like to do:</p> <ol style="list-style-type: none"> Read and follow blueprints and/or instructions. Picture in my mind what a finished product looks like. Work with my hands. Perform work that requires precise results. Solve technical problems. Visit and learn from beautiful, historic, or interesting buildings. Follow logical, step-by-step procedures. | <p>Personal qualities that describe me:</p> <ol style="list-style-type: none"> Curious Good at following directions Pay attention to detail Good at visualizing possibilities Patient and persistent <p>School subjects that I like:</p> <ol style="list-style-type: none"> Math Drafting Physical Sciences Construction Trades Electrical Trades/Heat, Air Conditioning and Refrigeration/Technology Education | <p>Architect Carpenter Civil Engineer Construction Foreman/Manager Contractor Demolition Engineer Drafter Drywall Installer Electrician Electronic Systems Technician Equipment/Material Manager</p> | <p>General Contractor/Builder Heating, Ventilation, Air Conditioning and Refrigeration Mechanic Interior Designer Painter Paperhanger Plumber Project Estimator Project Inspector Roofer Safety Director Sheet Metal Worker Tile and Marble Setter</p> | <p>Woodworking Technology Business Ventures I & II Home Maintenance Welding I Fashion Design Geometry Algebra II Applied Math Physics Career Internship Fundamentals of Communication College Prep English College Algebra</p> <p>Recommended CTE Academy Courses: CTE Exploration Advanced Woodworking & Cabinetmaking Carpentry</p> |

Career Cluster Exploration

|  | | Occupations Relating to This Career Cluster | | Courses I should take: |
|---|---|--|--|---|
| <p>Activities that describe what I like to do:</p> <ol style="list-style-type: none"> 1. Use my imagination to communicate new information to others. 2. Perform in front of others. 3. Read and write. 4. Play a musical instrument. 5. Perform creative, artistic activities. 6. Use video and recording technology. 7. Design brochures and posters. | <p>Personal qualities that describe me:</p> <ol style="list-style-type: none"> 1. Creative and imaginative 2. Broad communicator/good vocabulary 3. Curious about new technology 4. Relate well to feelings and thoughts of others 5. Determined/tenacious <p>School subjects that I like:</p> <ol style="list-style-type: none"> 1. Art/Graphic design 2. Music 3. Speech and Drama 4. Journalism/Literature 5. Audiovisual Technologies | <p>Art Therapist Actor Audio-Video Designer and Engineer Broadcast Technician Commercial Artist Computer Animator Curator/Gallery Manager Dancer/Choreographer Director and Coach Disc Jockey (DJ) Editor Fashion Coordinator Fashion Designer Graphic Designer Illustrator Journalist Lithographer Musician Music Composer Music Therapist Painter Photographer Printing Equipment Operator</p> | <p>Public Relations Specialist Radio/TV Announcer Radio/TV Program Writer Stagehand Sculptor Stunt Performer Teacher (Art, Music, Drama) Telecommunication Technician TV producer Videographer Visual Merchandising Designer Web Page Designer Writer/Author</p> | <p>Fashion Design Graphic Design Photography Web Design Programming with Java Computer Gaming & Design Exploring Computer Science Animation AP Computer Science Debate British, Contemporary and/or World Literature Creative Writing Journalism American Film History 3D Design Drawing Painting Art Independent Study Theatre Play Production Oral Interpretation Music (vocal and/or instrumental) Music Theory Geometry Dance and Fitness Global Issues World Language</p> <p>Career Internship Fundamentals of Communication College Prep English</p> <p>Recommended CTE Academy courses:</p> <p>CTE Exploration Cybersecurity Intro to Arts, A/V Technology & Communications A/V Production Broadcast Productions Digital Music Production Digital Animation Computer Hardware & Software Network Technologies</p> |
|  | | Occupations Relating to This Career Cluster | | Courses I should take: |
| <p>Activities that describe what I like to do:</p> <ol style="list-style-type: none"> 1. Perform routine, organized activities but can be flexible. 2. Work with numbers and detailed information. 3. Be the leader in a group. 4. Make business contact with people. 5. Work with computer programs. 6. Create reports and communicate ideas. 7. Plan my work and follow instructions without close supervision. | <p>Personal qualities that describe me:</p> <ol style="list-style-type: none"> 1. Organized 2. Practical and logical 3. Patient 4. Tactful 5. Responsible <p>School subjects that I like:</p> <ol style="list-style-type: none"> 1. Computer Applications/Business and Information Technology 2. Accounting 3. Math 4. English 5. Economics | <p>Administrative Assistant Advertising Sales Person Auditor Business Consultant Certified Public Accountant Corporate Trainer E-Commerce Analyst Entrepreneur Facilities Manager Finance Director Human Resources Manager Investment Executive Marketing Analyst Medical Transcriptionist Office Manager</p> | <p>OSHA/ADA Compliance Officer Personnel Recruiter Public Relations Manager Sales Representative Wholesale and Retail Buyer</p> | <p>Accounting Business Communications Business Law Marketing Education AP Statistics Consumer Math Single Survival Business Ventures Economics Personal Finance AP Macroeconomics Marketing Internship/Co-op World Language Career Internship Fundamentals of Communication College Prep English College Algebra</p> <p>Recommended CTE Academy Courses:</p> <p>CTE Exploration Academy of Finance Accounting Restaurant Management/Culinary Arts 1(ProStart 1) Restaurant Management/Culinary Arts 2(ProStart 2) Hospitality & Tourism Entrepreneurship Experience</p> |

Career Cluster Exploration

|  | | Occupations Relating to This Career Cluster | Courses I should take: |
|--|--|--|---|
| <p>Activities that describe what I like to do:</p> <ol style="list-style-type: none"> 1. Communicate with different types of people. 2. Help others with their homework or to learn new things. 3. Go to school. 4. Direct and plan activities for others. 5. Handle several responsibilities at once. 6. Acquire new information. 7. Help people overcome their challenges. | <p>Personal qualities that describe me:</p> <ol style="list-style-type: none"> 1. Friendly 2. Decision maker 3. Helpful 4. Innovative/ Inquisitive 5. Good listener <p>School subjects that I like:</p> <ol style="list-style-type: none"> 1. Language Arts 2. Social Studies 3. Math 4. Science 5. Psychology | <p>Assessment Specialist Career Tech Administrator Child Care Worker Clinical Psychologist Coach College/University Faculty Counselor Curriculum Developer Early Childhood Education Aide Educational Administrator Educational Assistant (Teacher's Aide) Elementary Teacher High School Teacher Middle School Teacher Preschool Teacher</p> <p>Principal Speech-Language Pathologist</p> | <p>Child Development Single Survival Personal Computers Music Theory Business Communications Debate US History Student Mentoring Peer Tutoring Indigenous Studies of the Oceti Sakowin Global Issues Early History of Mankind World History Psychology Sociology World Language Fundamentals of Communication College Prep English College Algebra</p> <p>Teacher Pathway <u>Recommended CTE Academy Courses:</u> Introduction to Human Services Guiding Youth & Families Personal Services</p> |

|  | | Occupations Relating to This Career Cluster | Courses I should take: |
|---|--|--|---|
| <p>Activities that describe what I like to do:</p> <ol style="list-style-type: none"> 1. Work with numbers. 2. Work to meet a deadline. 3. Make predictions based on existing facts. 4. Have a framework of rules by which to operate. 5. Analyze financial information and interpret it to others. 6. Handle money with accuracy and reliability. 7. Take pride in the way I dress and look. | <p>Personal qualities that describe me:</p> <ol style="list-style-type: none"> 1. Trustworthy 2. Orderly 3. Self-confident 4. Logical 5. Methodical or efficient <p>School subjects that I like:</p> <ol style="list-style-type: none"> 1. Accounting 2. Math 3. Economics 4. Banking/Financial Services 5. Business Law | <p>Abstractor Accountant Actuary Bank Officer/ Manager Bill and Account Collector Commodities Representative Compensation Manager Controller Credit Analyst Debt Counselor Economist Employee Benefits Manager Financial Manager Financial Planner Foreign Exchange Manager Fund Raiser General Manager/ Top Executive Insurance Broker</p> <p>Internal Auditor Loan Officer Non-Profit Manager Tax Examiner Title Researcher and Examiner Treasurer Trust Officer Underwriter</p> | <p>Accounting Personal Computers Business Communications Marketing Education Marketing Internship Business Ventures Business Law Economics Advanced Math Classes Statistics Consumer Math AP Macroeconomics World Language Fundamentals of Communication College Prep English College Algebra</p> <p><u>Recommended CTE Academy Courses:</u> Academy of Finance Accounting Banking & Credit Intro to Financial Services Financial Planning Financial Economics</p> |

Career Cluster Exploration

|  | | <p>Occupations Relating to This Career Cluster</p> | <p>Courses I should take:</p> |
|---|--|---|--|
| <p>Activities that describe what I like to do:</p> <ol style="list-style-type: none"> 1. Be involved in politics. 2. Negotiate, defend, and debate ideas and topics. 3. Plan activities and work cooperatively with others. 4. Work with details. 5. Perform a variety of duties that may change often. 6. Analyze information and interpret it to others. 7. Travel and see things that are new to me. | <p>Personal qualities that describe me:</p> <ol style="list-style-type: none"> 1. Good communicator 2. Competitive 3. Service minded 4. Well organized 5. Problem solver <p>School subjects that I like:</p> <ol style="list-style-type: none"> 1. Government 2. Language Arts 3. History 4. Math 5. Foreign Language | <p>Ambassador Bank Examiner City Manager Combat Control Officer Commissioner Cryptographer Election Supervisor Elected Official FBI Agent Foreign Service Officer Immigration Officer Intelligence Analyst Internal Revenue Investigator Lobbyist National Security Advisor Planner Policy Advisor Tax Policy Analyst</p> | <p>Business Law Principles of Accounting Business Communications Single Survival Debate Team Debate Oral Interpretation US History Indigenous Studies of Oceti Sakowin Global Issues Early History of Mankind World History World Geography AP World History AP Human Geography Psychology Sociology Modern US History AP Government and Politics: US</p> <p>AP Macroeconomics World Language Fundamentals of Communication College Prep English College Algebra</p> <p>Recommended CTE Academy Courses: Accounting Financial Economics Introduction to Human Services Human Services Internship/ Capstone</p> |
|  | <p>Personal qualities that describe me:</p> <ol style="list-style-type: none"> 1. Compassionate and caring 2. Good at following directions 3. Conscientious and careful 4. Patient 5. Good listener <p>School subjects that I like:</p> <ol style="list-style-type: none"> 1. Biological Sciences 2. Chemistry 3. Math 4. Occupational Health classes 5. Language Arts | <p>Requiring Less than Baccalaureate Degree Dental Assistant/Hygienist EMT/Paramedic Health Information Coder Home Health Aide Lab Technician Phlebotomist Radiographer Registered Nurse</p> <p>Requiring Baccalaureate Degree Athletic Trainer Biochemist Biostatistician Geneticist Industrial Hygienist Nutritionist Occupational Therapist Physician (MD/DO) Physician's Assistant Psychologist Radiologist Research Scientist Speech/Language Pathologist Toxicologist Veterinarian</p> | <p>Child Development Single Survival Personal Computers Indigenous Studies of Oceti Sakowin Upper-Level Math AP Calculus/Biology Recreational Fitness Cardio Fitness Chemistry AP Biology Anatomy & Physiology Physics Psychology Career Internship Fundamentals of Communication College Prep English College Algebra Basics of the Human Body</p> <p>Recommended CTE Academy Courses: CTE Exploration Health Careers I & II Principles of Biomedical Sciences Biomed I PLTW Human Body Systems Biomed II PLTW Medical Intervention Biomed III PLTW Emergency Medical Technician-Basic Course Introduction to Human Services Guiding Youth & Families Personal Services</p> |

Career Cluster Exploration

|  | | Occupations Relating to This Career Cluster | Courses I should take: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|--|-------------------------------|----------------------|-----------|---------------------------|----------------|-----------------|---------|--------------------|-----------|-----------------------|-----------------------------|--------------|----------------------------------|--------------|---------------------------------|--|---------------|--|----------------|--|--------------------|--|-----------|--|-----------------|--|---|---------------------|---|---------------|-----------------|----------------|--|---|---|----------------|--|------------|-------------------|-------------|--|---------------|--|---------------|--|-----------------|--|------------|--|----------------|--|-------------------|--|-------------------------------|--|----------------------|--|-----------------|--|
| <p>Activities that describe what I like to do:</p> <ol style="list-style-type: none"> 1. Investigate new places and activities. 2. Work with all ages and types of people. 3. Organize activities in which other people enjoy themselves. 4. Have a flexible schedule. 5. Help people make up their minds. 6. Communicate easily, tactfully, and courteously. 7. Learn about other cultures. | <p>Personal qualities that describe me:</p> <ol style="list-style-type: none"> 1. Tactful 2. Self-motivated 3. Works well with others 4. Outgoing 5. Slow to anger <p>School subjects that I like:</p> <ol style="list-style-type: none"> 1. Language Arts/ Speech 2. Foreign Language 3. Social Sciences 4. Marketing 5. Food Services | <table border="0"> <tr> <td>Baker</td> <td>Reservations Manager</td> </tr> <tr> <td>Bartender</td> <td>Restaurant Owner/ Manager</td> </tr> <tr> <td>Casino Manager</td> <td>Sports Promoter</td> </tr> <tr> <td>Caterer</td> <td>Theme Park Manager</td> </tr> <tr> <td>Concierge</td> <td>Tour and Travel Guide</td> </tr> <tr> <td>Convention Services Manager</td> <td>Travel Agent</td> </tr> <tr> <td>Director of Operations – Lodging</td> <td>Wine Steward</td> </tr> <tr> <td>Director of Tourism Development</td> <td></td> </tr> <tr> <td>Event Planner</td> <td></td> </tr> <tr> <td>Executive Chef</td> <td></td> </tr> <tr> <td>Facilities Manager</td> <td></td> </tr> <tr> <td>Maitre d'</td> <td></td> </tr> <tr> <td>Museum Director</td> <td></td> </tr> </table> | Baker | Reservations Manager | Bartender | Restaurant Owner/ Manager | Casino Manager | Sports Promoter | Caterer | Theme Park Manager | Concierge | Tour and Travel Guide | Convention Services Manager | Travel Agent | Director of Operations – Lodging | Wine Steward | Director of Tourism Development | | Event Planner | | Executive Chef | | Facilities Manager | | Maitre d' | | Museum Director | | <table border="0"> <tr> <td>Marketing Education</td> <td>Recommended CTE Academy Courses:</td> </tr> <tr> <td>General Foods</td> <td>CTE Exploration</td> </tr> <tr> <td>Advanced Foods</td> <td>Restaurant Management/Culinary Arts 1 (ProStart 1)</td> </tr> <tr> <td>Single Survival Business Communications</td> <td>Restaurant Management/ Culinary Arts 2 (ProStart 2)</td> </tr> <tr> <td>Graphic Design</td> <td>Hospitality & Tourism Internship/ Entrepreneurial Experience</td> </tr> <tr> <td>Web Design</td> <td>Baking & Pastries</td> </tr> <tr> <td>Photography</td> <td></td> </tr> <tr> <td>Consumer Math</td> <td></td> </tr> <tr> <td>Global Issues</td> <td></td> </tr> <tr> <td>World Geography</td> <td></td> </tr> <tr> <td>Psychology</td> <td></td> </tr> <tr> <td>World Language</td> <td></td> </tr> <tr> <td>Career Internship</td> <td></td> </tr> <tr> <td>Fundamentals of Communication</td> <td></td> </tr> <tr> <td>College Prep English</td> <td></td> </tr> <tr> <td>College Algebra</td> <td></td> </tr> </table> | Marketing Education | Recommended CTE Academy Courses: | General Foods | CTE Exploration | Advanced Foods | Restaurant Management/Culinary Arts 1 (ProStart 1) | Single Survival Business Communications | Restaurant Management/ Culinary Arts 2 (ProStart 2) | Graphic Design | Hospitality & Tourism Internship/ Entrepreneurial Experience | Web Design | Baking & Pastries | Photography | | Consumer Math | | Global Issues | | World Geography | | Psychology | | World Language | | Career Internship | | Fundamentals of Communication | | College Prep English | | College Algebra | |
| Baker | Reservations Manager | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bartender | Restaurant Owner/ Manager | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Casino Manager | Sports Promoter | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Caterer | Theme Park Manager | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Concierge | Tour and Travel Guide | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Convention Services Manager | Travel Agent | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Director of Operations – Lodging | Wine Steward | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Director of Tourism Development | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Event Planner | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Executive Chef | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Facilities Manager | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Maitre d' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Museum Director | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Marketing Education | Recommended CTE Academy Courses: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| General Foods | CTE Exploration | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Advanced Foods | Restaurant Management/Culinary Arts 1 (ProStart 1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Single Survival Business Communications | Restaurant Management/ Culinary Arts 2 (ProStart 2) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Graphic Design | Hospitality & Tourism Internship/ Entrepreneurial Experience | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Web Design | Baking & Pastries | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Photography | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Consumer Math | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Global Issues | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| World Geography | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Psychology | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| World Language | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Career Internship | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fundamentals of Communication | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| College Prep English | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| College Algebra | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

|  | | Occupations Relating to This Career Cluster | Courses I should take: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| <p>Activities that describe what I like to do:</p> <ol style="list-style-type: none"> 1. Care about people, their needs, and their problems. 2. Participate in community services and/or volunteering. 3. Listen to other people's viewpoints. 4. Help people be at their best. 5. Work with people from preschool age to old age. 6. Think of new ways to do things. 7. Make friends with different kinds of people. | <p>Personal qualities that describe me:</p> <ol style="list-style-type: none"> 1. Good communicator/ good listener 2. Caring 3. Non-materialistic 4. Uses intuition and logic 5. Non-judgmental <p>School subjects that I like:</p> <ol style="list-style-type: none"> 1. Language Arts 2. Psychology/ Sociology 3. Family and Consumer Sciences 4. Finance 5. Foreign Language | <table border="0"> <tr> <td>Buyer</td> <td>School Counselor/ Psychologist</td> </tr> <tr> <td>Certified Financial Planner</td> <td>Small Business Owner</td> </tr> <tr> <td>Community Service Director</td> <td>Social Worker</td> </tr> <tr> <td>Consumer Advocate</td> <td></td> </tr> <tr> <td>Cosmetologist</td> <td></td> </tr> <tr> <td>Director of Childcare Facility</td> <td></td> </tr> <tr> <td>Emergency and Relief Worker</td> <td></td> </tr> <tr> <td>Esthetician</td> <td></td> </tr> <tr> <td>Funeral Director</td> <td></td> </tr> <tr> <td>Licensed Professional Counselor</td> <td></td> </tr> <tr> <td>Market Researcher</td> <td></td> </tr> <tr> <td>Massage Therapist</td> <td></td> </tr> <tr> <td>Personal Fitness Trainer</td> <td></td> </tr> </table> | Buyer | School Counselor/ Psychologist | Certified Financial Planner | Small Business Owner | Community Service Director | Social Worker | Consumer Advocate | | Cosmetologist | | Director of Childcare Facility | | Emergency and Relief Worker | | Esthetician | | Funeral Director | | Licensed Professional Counselor | | Market Researcher | | Massage Therapist | | Personal Fitness Trainer | | <table border="0"> <tr> <td>Accounting</td> <td>Recommended CTE Academy Courses:</td> </tr> <tr> <td>Personal Computers</td> <td>CTE Exploration</td> </tr> <tr> <td>Child Development</td> <td>Accounting</td> </tr> <tr> <td>Single Survival</td> <td>Introduction to Human Services</td> </tr> <tr> <td>Student Mentoring</td> <td>Guiding Youth & Families</td> </tr> <tr> <td>Peer Tutoring</td> <td>Personal Services</td> </tr> <tr> <td>Indigenous Studies of Oceti Sakowin</td> <td></td> </tr> <tr> <td>Consumer Math</td> <td></td> </tr> <tr> <td>Global Issues</td> <td></td> </tr> <tr> <td>Psychology</td> <td></td> </tr> <tr> <td>Sociology</td> <td></td> </tr> <tr> <td>World Language</td> <td></td> </tr> <tr> <td>Career Internship</td> <td></td> </tr> <tr> <td>Fundamentals of Communication</td> <td></td> </tr> <tr> <td>College Prep English</td> <td></td> </tr> <tr> <td>College Algebra</td> <td></td> </tr> </table> | Accounting | Recommended CTE Academy Courses: | Personal Computers | CTE Exploration | Child Development | Accounting | Single Survival | Introduction to Human Services | Student Mentoring | Guiding Youth & Families | Peer Tutoring | Personal Services | Indigenous Studies of Oceti Sakowin | | Consumer Math | | Global Issues | | Psychology | | Sociology | | World Language | | Career Internship | | Fundamentals of Communication | | College Prep English | | College Algebra | |
| Buyer | School Counselor/ Psychologist | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Certified Financial Planner | Small Business Owner | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Community Service Director | Social Worker | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Consumer Advocate | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cosmetologist | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Director of Childcare Facility | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Emergency and Relief Worker | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Esthetician | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Funeral Director | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Licensed Professional Counselor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Market Researcher | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Massage Therapist | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Personal Fitness Trainer | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Accounting | Recommended CTE Academy Courses: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Personal Computers | CTE Exploration | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Child Development | Accounting | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Single Survival | Introduction to Human Services | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Student Mentoring | Guiding Youth & Families | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peer Tutoring | Personal Services | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Indigenous Studies of Oceti Sakowin | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Consumer Math | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Global Issues | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Psychology | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sociology | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| World Language | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Career Internship | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fundamentals of Communication | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| College Prep English | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| College Algebra | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Career Cluster Exploration

|  | | Occupations Relating to This Career Cluster | Courses I should take: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|---|-------------------------------|---------------------------------------|------------------------|-------------------------|-----------------------|----------------------------|-----------------------|------------------------|----------------|--|---------------------------------|--|------------------|--|-----------------------|--|--------------------------|--|-----------------------|--|---------------------|--|----------------------------------|--|-----------------------|--|---|----------------|---|------------|-----------------|-----------------------|---|--------------------------|---------------|----------------------------|---------------------|-----------|-------------|---------------------|--|------------|--|-------------|----------------|---------------|--|---------|--|-------------------|--|-------------------------------|--|----------------------|--|-----------------|--|
| <p>Activities that describe what I like to do:</p> <ol style="list-style-type: none"> 1. Work with computers. 2. Reason clearly and logically to solve complex problems. 3. Use machines, techniques, and processes. 4. Read technical materials and diagrams and solve technical problems. 5. Adapt to change. 6. Play video games and figure out how they work. 7. Concentrate for long periods without being distracted. | <p>Personal qualities that describe me:</p> <ol style="list-style-type: none"> 1. Logic/analytical thinker 2. See details in the big picture 3. Persistent 4. Good concentration skills 5. Precise and accurate <p>School subjects that I like:</p> <ol style="list-style-type: none"> 1. Math 2. Science 3. Computer Tech/ Applications 4. Communications 5. Graphic Design | <table border="0"> <tr> <td>Animator</td> <td>Telecommunications Network Technician</td> </tr> <tr> <td>Database Administrator</td> <td>User Support Specialist</td> </tr> <tr> <td>Data Systems Designer</td> <td>Virtual Reality Specialist</td> </tr> <tr> <td>E-Business Specialist</td> <td>Web Architect/Designer</td> </tr> <tr> <td>Game Developer</td> <td></td> </tr> <tr> <td>Information Technology Engineer</td> <td></td> </tr> <tr> <td>Media Specialist</td> <td></td> </tr> <tr> <td>Network Administrator</td> <td></td> </tr> <tr> <td>Network Security Analyst</td> <td></td> </tr> <tr> <td>PC Support Specialist</td> <td></td> </tr> <tr> <td>Computer Programmer</td> <td></td> </tr> <tr> <td>Software Applications Specialist</td> <td></td> </tr> <tr> <td>Systems Administrator</td> <td></td> </tr> </table> | Animator | Telecommunications Network Technician | Database Administrator | User Support Specialist | Data Systems Designer | Virtual Reality Specialist | E-Business Specialist | Web Architect/Designer | Game Developer | | Information Technology Engineer | | Media Specialist | | Network Administrator | | Network Security Analyst | | PC Support Specialist | | Computer Programmer | | Software Applications Specialist | | Systems Administrator | | <table border="0"> <tr> <td>Graphic Design</td> <td>Recommended CTE Academy Courses:</td> </tr> <tr> <td>Web Design</td> <td>CTE Exploration</td> </tr> <tr> <td>Programming with Java</td> <td>Intro to Arts/AV Technology & Communication</td> </tr> <tr> <td>Computer Gaming & Design</td> <td>AV Production</td> </tr> <tr> <td>Exploring Computer Science</td> <td>Digital Electronics</td> </tr> <tr> <td>Animation</td> <td>Electronics</td> </tr> <tr> <td>AP Computer Science</td> <td>Intro to Technology & Computer Support</td> </tr> <tr> <td>Algebra II</td> <td>Advanced Computer Support & Networking</td> </tr> <tr> <td>AP Calculus</td> <td>Cyber Security</td> </tr> <tr> <td>AP Statistics</td> <td></td> </tr> <tr> <td>Physics</td> <td></td> </tr> <tr> <td>Career Internship</td> <td></td> </tr> <tr> <td>Fundamentals of Communication</td> <td></td> </tr> <tr> <td>College Prep English</td> <td></td> </tr> <tr> <td>College Algebra</td> <td></td> </tr> </table> | Graphic Design | Recommended CTE Academy Courses: | Web Design | CTE Exploration | Programming with Java | Intro to Arts/AV Technology & Communication | Computer Gaming & Design | AV Production | Exploring Computer Science | Digital Electronics | Animation | Electronics | AP Computer Science | Intro to Technology & Computer Support | Algebra II | Advanced Computer Support & Networking | AP Calculus | Cyber Security | AP Statistics | | Physics | | Career Internship | | Fundamentals of Communication | | College Prep English | | College Algebra | |
| Animator | Telecommunications Network Technician | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Database Administrator | User Support Specialist | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Data Systems Designer | Virtual Reality Specialist | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-Business Specialist | Web Architect/Designer | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Game Developer | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Information Technology Engineer | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Media Specialist | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Network Administrator | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Network Security Analyst | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PC Support Specialist | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Computer Programmer | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Software Applications Specialist | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Systems Administrator | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Graphic Design | Recommended CTE Academy Courses: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Web Design | CTE Exploration | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Programming with Java | Intro to Arts/AV Technology & Communication | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Computer Gaming & Design | AV Production | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Exploring Computer Science | Digital Electronics | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Animation | Electronics | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AP Computer Science | Intro to Technology & Computer Support | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Algebra II | Advanced Computer Support & Networking | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AP Calculus | Cyber Security | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AP Statistics | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Physics | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Career Internship | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fundamentals of Communication | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| College Prep English | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| College Algebra | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

|  | | Occupations Relating to This Career Cluster | Courses I should take: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| <p>Activities that describe what I like to do:</p> <ol style="list-style-type: none"> 1. Work under pressure or in the face of danger. 2. Make decisions based on my own observations. 3. Interact with other people. 4. Be in positions of authority. 5. Respect rules and regulations. 6. Debate and win arguments. 7. Observe and analyze people's behavior. | <p>Personal qualities that describe me:</p> <ol style="list-style-type: none"> 1. Adventurous 2. Dependable 3. Community-minded 4. Decisive 5. Optimistic <p>School subjects that I like:</p> <ol style="list-style-type: none"> 1. Language Arts 2. Psychology/ Sociology 3. Government/ History 4. Law Enforcement 5. First Aid/First Responder | <table border="0"> <tr> <td>Attorney</td> <td>Police and Patrol Officer</td> </tr> <tr> <td>Corrections Officer</td> <td>Probation/Parole Officer</td> </tr> <tr> <td>Court Reporter</td> <td>Public Information Officer</td> </tr> <tr> <td>Criminal Investigator</td> <td>Security Director</td> </tr> <tr> <td>EMT</td> <td>Youth Services Worker</td> </tr> <tr> <td>Explosives Technician</td> <td></td> </tr> <tr> <td>Federal Marshall</td> <td></td> </tr> <tr> <td>Firefighter</td> <td></td> </tr> <tr> <td>Gaming Surveillance Specialist</td> <td></td> </tr> <tr> <td>Hazardous Materials Responder</td> <td></td> </tr> <tr> <td>Loss Prevention Specialist</td> <td></td> </tr> <tr> <td>Paralegal</td> <td></td> </tr> <tr> <td>Park Ranger</td> <td></td> </tr> </table> | Attorney | Police and Patrol Officer | Corrections Officer | Probation/Parole Officer | Court Reporter | Public Information Officer | Criminal Investigator | Security Director | EMT | Youth Services Worker | Explosives Technician | | Federal Marshall | | Firefighter | | Gaming Surveillance Specialist | | Hazardous Materials Responder | | Loss Prevention Specialist | | Paralegal | | Park Ranger | | <table border="0"> <tr> <td>Personal Computers</td> <td>Math 100</td> </tr> <tr> <td>Single Survival</td> <td>English 100</td> </tr> <tr> <td>Debate</td> <td>Recommended CTE Academy Courses:</td> </tr> <tr> <td>US History</td> <td>CTE Exploration</td> </tr> <tr> <td>Indigenous Studies of Oceti Sakowin</td> <td>Introduction to Human Services</td> </tr> <tr> <td>JROTC</td> <td>Guiding Youth & Families</td> </tr> <tr> <td>Recreational Fitness</td> <td>Human Service Internship/ Capstone</td> </tr> <tr> <td>Strength Training & Conditioning</td> <td></td> </tr> <tr> <td>Cardio Fitness</td> <td></td> </tr> <tr> <td>Diverse Fitness</td> <td></td> </tr> <tr> <td>Chemistry</td> <td></td> </tr> <tr> <td>Physics</td> <td></td> </tr> <tr> <td>Global Issues</td> <td></td> </tr> <tr> <td>Psychology</td> <td></td> </tr> <tr> <td>Sociology</td> <td></td> </tr> <tr> <td>World Language</td> <td></td> </tr> <tr> <td>Career Internship</td> <td></td> </tr> <tr> <td>Fundamentals of Communication</td> <td></td> </tr> <tr> <td>College Prep English</td> <td></td> </tr> <tr> <td>College Algebra</td> <td></td> </tr> </table> | Personal Computers | Math 100 | Single Survival | English 100 | Debate | Recommended CTE Academy Courses: | US History | CTE Exploration | Indigenous Studies of Oceti Sakowin | Introduction to Human Services | JROTC | Guiding Youth & Families | Recreational Fitness | Human Service Internship/ Capstone | Strength Training & Conditioning | | Cardio Fitness | | Diverse Fitness | | Chemistry | | Physics | | Global Issues | | Psychology | | Sociology | | World Language | | Career Internship | | Fundamentals of Communication | | College Prep English | | College Algebra | |
| Attorney | Police and Patrol Officer | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Corrections Officer | Probation/Parole Officer | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Court Reporter | Public Information Officer | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Criminal Investigator | Security Director | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EMT | Youth Services Worker | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Explosives Technician | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Federal Marshall | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Firefighter | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gaming Surveillance Specialist | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hazardous Materials Responder | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Loss Prevention Specialist | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Paralegal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Park Ranger | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Personal Computers | Math 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Single Survival | English 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Debate | Recommended CTE Academy Courses: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| US History | CTE Exploration | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Indigenous Studies of Oceti Sakowin | Introduction to Human Services | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JROTC | Guiding Youth & Families | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Recreational Fitness | Human Service Internship/ Capstone | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Strength Training & Conditioning | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cardio Fitness | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Diverse Fitness | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chemistry | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Physics | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Global Issues | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Psychology | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sociology | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| World Language | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Career Internship | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fundamentals of Communication | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| College Prep English | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| College Algebra | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Career Cluster Exploration

|  <p>Manufacturing</p> | | <p>Occupations Relating to This Career Cluster</p> | <p>Courses I should take:</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|--|--------------------------------------|-------------------|-------------|-------|-----------------|--------------------|------------------------|----------------------------|----------------|-----------------|-----------------------------------|-----------------|----------------------------------|--------------------|-------------------------------|-----------------|-----------|--------|-------------------------|--|-------------|--|--------------------------|--|--|--|---|-------------------|------------------|-------------------------|------------------------|---------|--------------------|---------------|--------------|---------|-------------------|----------------------|----------|-------------|
| <p>Activities that describe what I like to do:</p> <ol style="list-style-type: none"> 1. Work with my hands and learn that way. 2. Put things together. 3. Do routine, organized and accurate work. 4. Perform activities that produce tangible results. 5. Apply math to work out solutions. 6. Use hand and power tools and operate equipment/machinery. 7. Visualize objects in three dimensions from flat drawings. | <p>Personal qualities that describe me:</p> <ol style="list-style-type: none"> 1. Practical 2. Observant 3. Physically active 4. Step-by-step thinker 5. Coordinated <p>School subjects that I like:</p> <ol style="list-style-type: none"> 1. Math-Geometry 2. Chemistry 3. Trade and Industry courses 4. Physics 5. Language Arts | <table border="0"> <tr> <td>Assembler</td> <td>Pattern and Model</td> </tr> <tr> <td>Boilermaker</td> <td>Maker</td> </tr> <tr> <td>Design Engineer</td> <td>Production Manager</td> </tr> <tr> <td>Environmental Engineer</td> <td>Quality Control Technician</td> </tr> <tr> <td>Foundry Worker</td> <td>Safety Engineer</td> </tr> <tr> <td>Freight, Stock and Material Mover</td> <td>SPC Coordinator</td> </tr> <tr> <td>Health and Safety Representative</td> <td>Tool and Die Maker</td> </tr> <tr> <td>Industrial Machinery Mechanic</td> <td>Traffic Manager</td> </tr> <tr> <td>Inspector</td> <td>Welder</td> </tr> <tr> <td>Labor Relations Manager</td> <td></td> </tr> <tr> <td>Logistician</td> <td></td> </tr> <tr> <td>Manufacturing Technician</td> <td></td> </tr> </table> | Assembler | Pattern and Model | Boilermaker | Maker | Design Engineer | Production Manager | Environmental Engineer | Quality Control Technician | Foundry Worker | Safety Engineer | Freight, Stock and Material Mover | SPC Coordinator | Health and Safety Representative | Tool and Die Maker | Industrial Machinery Mechanic | Traffic Manager | Inspector | Welder | Labor Relations Manager | | Logistician | | Manufacturing Technician | | <table border="0"> <tr> <td>Intro to Vehicle Systems & Maintenance</td> <td rowspan="14"> <p>Recommended CTE Academy Courses:</p> <ul style="list-style-type: none"> CTE Exploration Welding II Advanced Welding Intro to Engineering Design™ Intro to Robotics Principles of Engineering™ Digital Electronics Carpentry </td> </tr> <tr> <td>Business Ventures</td> </tr> <tr> <td>Home Maintenance</td> </tr> <tr> <td>Repairing Small Engines</td> </tr> <tr> <td>Woodworking Technology</td> </tr> <tr> <td>Welding</td> </tr> <tr> <td>Personal Computers</td> </tr> <tr> <td>Consumer Math</td> </tr> <tr> <td>Applied Math</td> </tr> <tr> <td>Physics</td> </tr> <tr> <td>Career Internship</td> </tr> <tr> <td>College Prep English</td> </tr> <tr> <td>Math 100</td> </tr> <tr> <td>English 100</td> </tr> </table> | Intro to Vehicle Systems & Maintenance | <p>Recommended CTE Academy Courses:</p> <ul style="list-style-type: none"> CTE Exploration Welding II Advanced Welding Intro to Engineering Design™ Intro to Robotics Principles of Engineering™ Digital Electronics Carpentry | Business Ventures | Home Maintenance | Repairing Small Engines | Woodworking Technology | Welding | Personal Computers | Consumer Math | Applied Math | Physics | Career Internship | College Prep English | Math 100 | English 100 |
| Assembler | Pattern and Model | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Boilermaker | Maker | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Design Engineer | Production Manager | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Environmental Engineer | Quality Control Technician | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Foundry Worker | Safety Engineer | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freight, Stock and Material Mover | SPC Coordinator | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Health and Safety Representative | Tool and Die Maker | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Industrial Machinery Mechanic | Traffic Manager | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inspector | Welder | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Labor Relations Manager | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Logistician | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Manufacturing Technician | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Intro to Vehicle Systems & Maintenance | <p>Recommended CTE Academy Courses:</p> <ul style="list-style-type: none"> CTE Exploration Welding II Advanced Welding Intro to Engineering Design™ Intro to Robotics Principles of Engineering™ Digital Electronics Carpentry | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Business Ventures | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Home Maintenance | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Repairing Small Engines | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Woodworking Technology | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Welding | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Personal Computers | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Consumer Math | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Applied Math | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Physics | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Career Internship | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| College Prep English | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Math 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| English 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

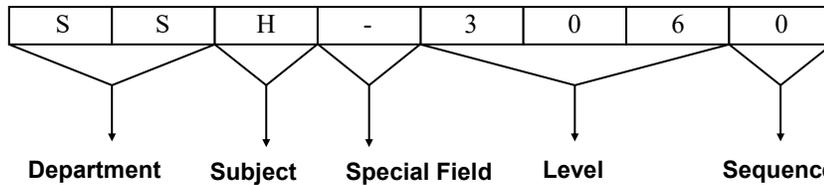
|  <p>Marketing, Sales & Service</p> | | <p>Occupations Relating to This Career Cluster</p> | <p>Courses I should take:</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|--|--------------------------------------|--------------------|---------------------|------------------------------|--------------|-----------------|--------------------------------|--------------------------|---------------------|--------------|------------------------------|--------------------|---------------------------|-------------------|-------------------|-----------|-------------------|--|---------------------------|--|--------------------------|--|--|---------------------|---|----------------|---------------------|-----------------|-----------------|-------------------|----------------|------------|---------------|------------|---------------|-----------------|------------|-------------------|----------------|-------------------|-------------------------------|----------------------|-----------------|
| <p>Activities that describe what I like to do:</p> <ol style="list-style-type: none"> 1. Shop and go to the mall. 2. Be in charge. 3. Make displays and promote ideas. 4. Give presentations and enjoy public speaking. 5. Persuade people to buy products or to participate in activities. 6. Communicate my ideas to other people. 7. Take advantage of opportunities to make extra money. | <p>Personal qualities that describe me:</p> <ol style="list-style-type: none"> 1. Enthusiastic 2. Competitive 3. Creative 4. Self-motivated 5. Persuasive <p>School subjects that I like:</p> <ol style="list-style-type: none"> 1. Language Arts 2. Math 3. Business Education/Marketing 4. Economics 5. Computer Applications | <table border="0"> <tr> <td>Copywriter/Designer</td> <td>Promotions Manager</td> </tr> <tr> <td>E-Commerce Director</td> <td>Retail Marketing Coordinator</td> </tr> <tr> <td>Entrepreneur</td> <td>Sales Executive</td> </tr> <tr> <td>Field Marketing Representative</td> <td>Shipping/Receiving Clerk</td> </tr> <tr> <td>Forecasting Manager</td> <td>Telemarketer</td> </tr> <tr> <td>Interactive Media Specialist</td> <td>Trade Show Manager</td> </tr> <tr> <td>Inventory Manager/Analyst</td> <td>Warehouse Manager</td> </tr> <tr> <td>Logistics Manager</td> <td>Webmaster</td> </tr> <tr> <td>Merchandise Buyer</td> <td></td> </tr> <tr> <td>On-line Market Researcher</td> <td></td> </tr> <tr> <td>Public Relations Manager</td> <td></td> </tr> </table> | Copywriter/Designer | Promotions Manager | E-Commerce Director | Retail Marketing Coordinator | Entrepreneur | Sales Executive | Field Marketing Representative | Shipping/Receiving Clerk | Forecasting Manager | Telemarketer | Interactive Media Specialist | Trade Show Manager | Inventory Manager/Analyst | Warehouse Manager | Logistics Manager | Webmaster | Merchandise Buyer | | On-line Market Researcher | | Public Relations Manager | | <table border="0"> <tr> <td>Accounting Business</td> <td rowspan="14"> <p>Recommended CTE Academy Courses:</p> <ul style="list-style-type: none"> CTE Exploration Accounting Intro to Arts/AIV Technology Restaurant Management/Culinary Arts 1 (ProStart 1) Restaurant Management/Culinary Arts 2 (ProStart 2) Hospitality & Tourism Internship Entrepreneurial Experience </td> </tr> <tr> <td>Communications</td> </tr> <tr> <td>Marketing Education</td> </tr> <tr> <td>1-4, Internship</td> </tr> <tr> <td>Single Survival</td> </tr> <tr> <td>Business Ventures</td> </tr> <tr> <td>Graphic Design</td> </tr> <tr> <td>Web Design</td> </tr> <tr> <td>Consumer Math</td> </tr> <tr> <td>Algebra II</td> </tr> <tr> <td>Global Issues</td> </tr> <tr> <td>World Geography</td> </tr> <tr> <td>Psychology</td> </tr> <tr> <td>AP Macroeconomics</td> </tr> <tr> <td>World Language</td> </tr> <tr> <td>Career Internship</td> </tr> <tr> <td>Fundamentals of Communication</td> </tr> <tr> <td>College Prep English</td> </tr> <tr> <td>College Algebra</td> </tr> </table> | Accounting Business | <p>Recommended CTE Academy Courses:</p> <ul style="list-style-type: none"> CTE Exploration Accounting Intro to Arts/AIV Technology Restaurant Management/Culinary Arts 1 (ProStart 1) Restaurant Management/Culinary Arts 2 (ProStart 2) Hospitality & Tourism Internship Entrepreneurial Experience | Communications | Marketing Education | 1-4, Internship | Single Survival | Business Ventures | Graphic Design | Web Design | Consumer Math | Algebra II | Global Issues | World Geography | Psychology | AP Macroeconomics | World Language | Career Internship | Fundamentals of Communication | College Prep English | College Algebra |
| Copywriter/Designer | Promotions Manager | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-Commerce Director | Retail Marketing Coordinator | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Entrepreneur | Sales Executive | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Field Marketing Representative | Shipping/Receiving Clerk | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Forecasting Manager | Telemarketer | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interactive Media Specialist | Trade Show Manager | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inventory Manager/Analyst | Warehouse Manager | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Logistics Manager | Webmaster | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Merchandise Buyer | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| On-line Market Researcher | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Public Relations Manager | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Accounting Business | <p>Recommended CTE Academy Courses:</p> <ul style="list-style-type: none"> CTE Exploration Accounting Intro to Arts/AIV Technology Restaurant Management/Culinary Arts 1 (ProStart 1) Restaurant Management/Culinary Arts 2 (ProStart 2) Hospitality & Tourism Internship Entrepreneurial Experience | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Communications | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Marketing Education | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1-4, Internship | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Single Survival | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Business Ventures | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Graphic Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Web Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Consumer Math | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Algebra II | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Global Issues | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| World Geography | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Psychology | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AP Macroeconomics | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| World Language | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Career Internship | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fundamentals of Communication | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| College Prep English | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| College Algebra | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Career Cluster Exploration

|  | | Occupations Relating to This Career Cluster | Courses I should take: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|--|-------------------------------|---------------------|-----------------------|-----------|--------------------|-----------|----------------|---------------------|------------------------|--------------|----------------|---------------|---------------------|--------------|----------------|--------------|----------------|-------------------|--|-----------|--|-----------------------|---|---------------------|-----------------|----------|------------------|------------|------------------------------|-------------|-------------------|---------------|----------------------------|------------|---------------------|-----------|------------------------------------|---------|-------------------|------------------------|---------------------|-----------------------|--------------------|-----------------|-----------------------|--------------------|---------------------|-----------|--|----------------|--|-------------------|--|-------------------------------|--|----------------------|--|-----------------|--|
| <p>Activities that describe what I like to do:</p> <ol style="list-style-type: none"> 1. Interpret formulas. 2. Find the answers to questions. 3. Work in a laboratory. 4. Figure out how things work and investigate new things. 5. Explore new technology. 6. Experiment to find the best way to do something. 7. Pay attention to details and help things be precise. | <p>Personal qualities that describe me:</p> <ol style="list-style-type: none"> 1. Detail oriented 2. Inquisitive 3. Objective 4. Methodical 5. Mechanically inclined <p>School subjects that I like:</p> <ol style="list-style-type: none"> 1. Math 2. Science 3. Drafting/ Computer-Aided Drafting 4. Electronics/ Computer Networking 5. Technical Classes/ Technology Education | <table border="0"> <tr> <td>Aerospace Engineer</td> <td>Computer Programmer</td> </tr> <tr> <td>Agricultural Engineer</td> <td>Ecologist</td> </tr> <tr> <td>Analytical Chemist</td> <td>Geologist</td> </tr> <tr> <td>Anthropologist</td> <td>Geothermal Engineer</td> </tr> <tr> <td>Architectural Engineer</td> <td>Math Teacher</td> </tr> <tr> <td>Astrophysicist</td> <td>Mathematician</td> </tr> <tr> <td>Biomedical Engineer</td> <td>Metallurgist</td> </tr> <tr> <td>CAD Technician</td> <td>Statistician</td> </tr> <tr> <td>Civil Engineer</td> <td>Survey Technician</td> </tr> <tr> <td></td> <td>Zoologist</td> </tr> </table> | Aerospace Engineer | Computer Programmer | Agricultural Engineer | Ecologist | Analytical Chemist | Geologist | Anthropologist | Geothermal Engineer | Architectural Engineer | Math Teacher | Astrophysicist | Mathematician | Biomedical Engineer | Metallurgist | CAD Technician | Statistician | Civil Engineer | Survey Technician | | Zoologist | <table border="0"> <tr> <td>Programming with Java</td> <td>Recommended CTE Academy Courses:</td> </tr> <tr> <td>AP Computer Science</td> <td>CTE Exploration</td> </tr> <tr> <td>Geometry</td> <td>Aviation Courses</td> </tr> <tr> <td>Algebra II</td> <td>Intro to Engineering Design™</td> </tr> <tr> <td>AP Calculus</td> <td>Intro to Robotics</td> </tr> <tr> <td>AP Statistics</td> <td>Principles of Engineering™</td> </tr> <tr> <td>AP Biology</td> <td>Digital Electronics</td> </tr> <tr> <td>Chemistry</td> <td>Principles of Biomedical Sciences™</td> </tr> <tr> <td>Physics</td> <td>Biomedical I PLTW</td> </tr> <tr> <td>Astronomy/ Meteorology</td> <td>Human Body Systems™</td> </tr> <tr> <td>Environmental Science</td> <td>Biomedical II PLTW</td> </tr> <tr> <td>World Geography</td> <td>Medical Intervention™</td> </tr> <tr> <td>AP Human Geography</td> <td>Biomedical III PLTW</td> </tr> <tr> <td>Sociology</td> <td></td> </tr> <tr> <td>World Language</td> <td></td> </tr> <tr> <td>Career Internship</td> <td></td> </tr> <tr> <td>Fundamentals of Communication</td> <td></td> </tr> <tr> <td>College Prep English</td> <td></td> </tr> <tr> <td>College Algebra</td> <td></td> </tr> </table> | Programming with Java | Recommended CTE Academy Courses: | AP Computer Science | CTE Exploration | Geometry | Aviation Courses | Algebra II | Intro to Engineering Design™ | AP Calculus | Intro to Robotics | AP Statistics | Principles of Engineering™ | AP Biology | Digital Electronics | Chemistry | Principles of Biomedical Sciences™ | Physics | Biomedical I PLTW | Astronomy/ Meteorology | Human Body Systems™ | Environmental Science | Biomedical II PLTW | World Geography | Medical Intervention™ | AP Human Geography | Biomedical III PLTW | Sociology | | World Language | | Career Internship | | Fundamentals of Communication | | College Prep English | | College Algebra | |
| Aerospace Engineer | Computer Programmer | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Agricultural Engineer | Ecologist | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Analytical Chemist | Geologist | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Anthropologist | Geothermal Engineer | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Architectural Engineer | Math Teacher | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Astrophysicist | Mathematician | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Biomedical Engineer | Metallurgist | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAD Technician | Statistician | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Civil Engineer | Survey Technician | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Zoologist | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Programming with Java | Recommended CTE Academy Courses: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AP Computer Science | CTE Exploration | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Geometry | Aviation Courses | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Algebra II | Intro to Engineering Design™ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AP Calculus | Intro to Robotics | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AP Statistics | Principles of Engineering™ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AP Biology | Digital Electronics | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chemistry | Principles of Biomedical Sciences™ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Physics | Biomedical I PLTW | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Astronomy/ Meteorology | Human Body Systems™ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Environmental Science | Biomedical II PLTW | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| World Geography | Medical Intervention™ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AP Human Geography | Biomedical III PLTW | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sociology | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| World Language | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Career Internship | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fundamentals of Communication | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| College Prep English | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| College Algebra | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

|  | | Occupations Relating to This Career Cluster | Courses I should take: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|--|-------------------------------|------------------------------------|------------------------|---------------------|---------------------|----------------|-------------------------|--------------|-------------------|----------------|-----------------------|----------------------------------|-------------------|------------------------|-------------------------------|--------------|-----------------------------------|----------------------------|--|-------------------|--|---|----------------------------------|---------|------------------------|--------------------|-------------------------------|-------|------------------|----------|--|---------|---|-----------------------|--|-----------------|------------------------------------|----------------|------------|--------------|------------------|-------------------|-------------------|----------------------|--|----------|--|-------------|--|---|--|-----------------|--|-------------------|--|
| <p>Activities that describe what I like to do:</p> <ol style="list-style-type: none"> 1. Travel. 2. See well and have quick reflexes. 3. Solve mechanical problems. 4. Design efficient processes. 5. Anticipate needs and prepare to meet them. 6. Drive or ride. 7. Move things from one place to another. | <p>Personal qualities that describe me:</p> <ol style="list-style-type: none"> 1. Realistic 2. Mechanical 3. Coordinated 4. Observant 5. Planner <p>School subjects that I like:</p> <ol style="list-style-type: none"> 1. Math 2. Trade and Industry courses 3. Physical Sciences 4. Economics 5. Foreign Language | <table border="0"> <tr> <td>Airplane Pilot/ Co-Pilot</td> <td>International Logistics Specialist</td> </tr> <tr> <td>Air Traffic Controller</td> <td>Locomotive Engineer</td> </tr> <tr> <td>Avionics Technician</td> <td>Marine Captain</td> </tr> <tr> <td>Cargo and Freight Agent</td> <td>Port Manager</td> </tr> <tr> <td>Customs Inspector</td> <td>Safety Analyst</td> </tr> <tr> <td>Environmental Manager</td> <td>Storage and Distribution Manager</td> </tr> <tr> <td>Facility Engineer</td> <td>Transportation Manager</td> </tr> <tr> <td>Industrial Equipment Mechanic</td> <td>Truck Driver</td> </tr> <tr> <td>Industrial and Packaging Engineer</td> <td>Urban and Regional Planner</td> </tr> <tr> <td></td> <td>Warehouse Manager</td> </tr> </table> | Airplane Pilot/ Co-Pilot | International Logistics Specialist | Air Traffic Controller | Locomotive Engineer | Avionics Technician | Marine Captain | Cargo and Freight Agent | Port Manager | Customs Inspector | Safety Analyst | Environmental Manager | Storage and Distribution Manager | Facility Engineer | Transportation Manager | Industrial Equipment Mechanic | Truck Driver | Industrial and Packaging Engineer | Urban and Regional Planner | | Warehouse Manager | <table border="0"> <tr> <td>Introduction to Vehicle Systems & Maintenance</td> <td>Automotive Suspension & Steering</td> </tr> <tr> <td>Welding</td> <td>Automotive Electronics</td> </tr> <tr> <td>Personal Computers</td> <td>Automotive Engine Performance</td> </tr> <tr> <td>JROTC</td> <td>Aviation Courses</td> </tr> <tr> <td>Geometry</td> <td>Intro to Auto Body Repair & Estimating</td> </tr> <tr> <td>Physics</td> <td>Auto Body Structural Analysis and Damage Repair</td> </tr> <tr> <td>Environmental Science</td> <td>Auto Body Nonstructural Analysis and Damage Repair</td> </tr> <tr> <td>World Geography</td> <td>Auto Body Painting and Refinishing</td> </tr> <tr> <td>World Language</td> <td>Welding II</td> </tr> <tr> <td>Applied Math</td> <td>Advanced Welding</td> </tr> <tr> <td>Career Internship</td> <td>Diesel Technology</td> </tr> <tr> <td>College Prep English</td> <td></td> </tr> <tr> <td>Math 100</td> <td></td> </tr> <tr> <td>English 100</td> <td></td> </tr> <tr> <td>Recommended CTE Academy Courses:</td> <td></td> </tr> <tr> <td>CTE Exploration</td> <td></td> </tr> <tr> <td>Automotive Brakes</td> <td></td> </tr> </table> | Introduction to Vehicle Systems & Maintenance | Automotive Suspension & Steering | Welding | Automotive Electronics | Personal Computers | Automotive Engine Performance | JROTC | Aviation Courses | Geometry | Intro to Auto Body Repair & Estimating | Physics | Auto Body Structural Analysis and Damage Repair | Environmental Science | Auto Body Nonstructural Analysis and Damage Repair | World Geography | Auto Body Painting and Refinishing | World Language | Welding II | Applied Math | Advanced Welding | Career Internship | Diesel Technology | College Prep English | | Math 100 | | English 100 | | Recommended CTE Academy Courses: | | CTE Exploration | | Automotive Brakes | |
| Airplane Pilot/ Co-Pilot | International Logistics Specialist | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Air Traffic Controller | Locomotive Engineer | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avionics Technician | Marine Captain | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cargo and Freight Agent | Port Manager | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Customs Inspector | Safety Analyst | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Environmental Manager | Storage and Distribution Manager | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Facility Engineer | Transportation Manager | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Industrial Equipment Mechanic | Truck Driver | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Industrial and Packaging Engineer | Urban and Regional Planner | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Warehouse Manager | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Introduction to Vehicle Systems & Maintenance | Automotive Suspension & Steering | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Welding | Automotive Electronics | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Personal Computers | Automotive Engine Performance | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JROTC | Aviation Courses | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Geometry | Intro to Auto Body Repair & Estimating | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Physics | Auto Body Structural Analysis and Damage Repair | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Environmental Science | Auto Body Nonstructural Analysis and Damage Repair | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| World Geography | Auto Body Painting and Refinishing | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| World Language | Welding II | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Applied Math | Advanced Welding | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Career Internship | Diesel Technology | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| College Prep English | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Math 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| English 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Recommended CTE Academy Courses: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CTE Exploration | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Automotive Brakes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

COURSE CODING SYSTEM



The course code displayed is for Early History of Mankind.

Department:

| | |
|----|----------------------------|
| AA | Applied Arts |
| AC | Academy |
| AD | Ad Room |
| CS | Computer Science |
| CT | CTE |
| EL | General Elective |
| ES | English as Second Language |
| FA | Fine and Performing Arts |
| HE | Health |
| LA | English/Language Arts |
| LC | Learning Center |
| LU | Lunch |
| MA | Math |

Department (cont.):

| | |
|----|--------------------|
| MC | MISC (No Credit) |
| PE | Physical Education |
| SC | Science |
| SE | Special Education |
| SH | Study Hall |
| SS | Social Studies |
| WL | World Language |

Level:

| | |
|-----|----------------------|
| 100 | Special Education |
| 200 | Basic/Foundations |
| 300 | Regular |
| 400 | Advanced/Accelerated |
| 500 | Advanced Placement |

Sequence:

| | |
|---|--|
| 0 | A class that can be taken either semester |
| 1 | Semester 1 only or period sequence |
| 2 | Semester 2 only or period sequence |
| 3 | Full Year – prior to 1999 (Historical purposes only) |

| Dept | Subject | Description | Dept | Subject | Description | Dept | Subject | Description |
|------|---------|---|------|---------|-----------------------------|------|---------|--|
| AA | B | Business Education | LA | C | Composition | SH | S | Study Hall |
| | F | Family and Consumer Science | | D | Debate | SS | C | Economics |
| | T | Technology Education | | E | English | | G | Geography |
| | V | Vocational Education | | J | Journalism | | H | History |
| AC | B | Business Education | | L | Literature | | S | Social Studies |
| AD | R | Ad Room | | O | Oral Interpretation | | V | Government |
| CS | C | Computer Science | LC | R | Reading | WL | A | American Sign Lang. |
| | M | Multimedia | LU | S | Speech | | C | Chinese |
| | P | Programming | | C | Learning Center | | F | French |
| CT | A | Arts, A/V Technology & Communications | | A | Lunch/Activity | | G | German |
| | B | Business | | C | Lunch/Course | | K | Lakota |
| | C | Carpentry & Construction | MA | O | Open Lunch | | L | Latin |
| | E | Engineering | | S | Lunch/Study | | S | Spanish |
| | F | Aviation | | A | Algebra | ZZ | Z | Transfer Courses that do not fit in existing depts. (such as Religion) |
| | H | Human Services | | B | Technical Math | | | |
| | I | Internship/Senior Capstone | | C | Calculus | | | |
| | L | Automotive Transportation, Distribution & Logistics | MC | G | Geometry | | | |
| | M | Manufacturing | | M | General Math | | | |
| | N | Computer Science | | S | Statistics | | | |
| | S | Health Science | | A | CTE Academy | | | |
| | T | Hospitality, Tourism & Culinary Arts | | C | Cafeteria Duty (Staff) | | | |
| | V | Vocational Ed | | E | Case Evaluated | | | |
| EL | E | General Elective | | G | Semester Graduate | | | |
| | G | GED Prep | | H | Department Head (Staff) | | | |
| | R | ROTC | | L | Learning Center (Staff) | | | |
| ES | A | Art | | M | Case Management | | | |
| | B | Biology | | N | Not in School | | | |
| | C | Computers | PE | O | Case Management Other | | | |
| | D | Drama | SC | P | Planning (Staff) | | | |
| | E | English | | S | Services | | | |
| | F | Family and Consumer Science | | T | Team Planning (Staff) | | | |
| | G | Geography | | U | Tutoring (Staff) | | | |
| | H | Health | | P | Physical Education | | | |
| | L | Elective | SC | B | Biology | | | |
| | M | Math | | C | Chemistry | | | |
| | P | Physical Education | | E | Earth Science | | | |
| | S | Social Studies | | H | Physical Science | | | |
| | T | Technology | SE | P | Physics | | | |
| | U | Music | | S | General Science | | | |
| | V | Government | | A | Art | | | |
| | Y | Science | | B | Personal Finance | | | |
| FA | A | Art | | C | Communication/Social Skills | | | |
| | B | Band | | E | English | | | |
| | C | Chorus | | F | Family & Consumer Science | | | |
| | D | Drama | | G | Geography | | | |
| | E | Dance | | H | History | | | |
| | M | General Music | | I | Independent Living | | | |
| | O | Orchestra | | K | Vocational Skills | | | |
| HE | H | Health & Wellness | | M | Math | | | |
| | | | | P | Physical Education | | | |
| | | | | R | Reading | | | |
| | | | | S | Social Studies | | | |
| | | | | U | Music | | | |
| | | | | V | Government | | | |
| | | | | W | Alternative Program | | | |

Course Coding

COURSE EQUIVALENCY (CREDIT BY EXAM)

Students have an opportunity to earn credit by taking an exam. According to policy/regulation IKF-R, the District shall offer credit by exam for the following high school classes:

| | | | | |
|-----------|------------|-----------------|------------------|------------|
| Algebra I | Algebra II | World Geography | Personal Finance | Spanish II |
| Geometry | Government | World History | Spanish I | |

In order to receive credit, student exams can only be taken one time and must be passed at 85% correct proficiency. Course Equivalency exams are offered during the school year at the District alternate sites and traditional high schools and in the summer at Central Services.

| | |
|---|---|
| During the school year: contact your high school counselor | Summer: call 367-6112 to reserve an exam |
|---|---|

Sioux Falls School District Career and Technical Education (CTE) Approved Courses

The courses listed below have been approved by the South Dakota Department of Education to fulfill high school graduation requirements for Career and Technical Education (CTE).

Jefferson, Lincoln, Roosevelt, and Washington High Schools:

| | | | |
|---------------|---|---------------|--|
| AAF-3040 | Child Development 1 | CTF-3010 | Aviation II |
| AAF-3050 | Child Development 2 | CTF-3020 | Aviation III |
| AAF-3090 | General Foods | CTG-3010 | Natural Resources |
| AAF-3080 | Introduction to Culinary Arts | CTG-3020 | Plant Science/Horticulture |
| AAF-3140 | Career & Life Management | CTG-3030 | Small Animal Science |
| AAF-3210 | Fashion Design | CTG-3040 | Large Animal Science |
| AAF-3240 | Interior Design | CTG-3050 | Agricultural Leadership |
| AAT-3010 | Intro. to Vehicle Systems and Maintenance | CTG-3060 | Agricultural Biotechnology |
| AAT-3120 | Home Maintenance | CTH-3010 | Introduction to Human Services |
| AAT-3140 | Repairing Small Engines | CTH-3020 | Guiding Youth & Families |
| AAT-3190 | Woodworking Technology I | CTH-3030 | Personal Services |
| AAT-3200 | Woodworking Technology II | CTI-3010 | Senior Experience Capstone |
| AAT-3210 | Welding I | CTI-3020 | Entrepreneurial Experience Capstone |
| AATN3270 | Advanced Graphics | CTI-3030 | Youth Internship Capstone |
| AAV-3111 | Marketing Ed I | CTL-3010 | Automotive Brakes |
| AAV-3122 | Marketing Ed II | CTL-3020 | Automotive Suspension & Steering |
| AAV-3131 | Marketing Ed III | CTL-3030 | Automotive Electronics |
| AAV-3142 | Marketing Ed IV | CTL-3040 | Automotive Engine Performance |
| AAV-3151 | Marketing Coop I | CTL-3050 | Introduction to Auto Body Repair & Estimating |
| AAV-3152 | Marketing Coop II | CTL-3060 | Auto Body Structural Analysis & Damage Repair |
| AAV-3161 | Marketing Coop I | CTL-3070 | Auto Body Nonstructural Analysis & Damage Repair |
| AAV-3162 | Marketing Coop II | CTL-3080 | Auto Body Painting and Refinishing |
| AAV-3171 | Marketing Coop I | CTL-3090 | Diesel Technology |
| AAV-3172 | Marketing Coop II | CTM-3220 | Welding II |
| ACBA4010 | Accounting I | CTM-3230 | Advanced Welding |
| ACBA4020 | Accounting II | CTN-3010 | Computer Hardware & Software |
| ACBA4040 | Internship | CTN-3020 | Network Technologies |
| ACBA4050 | Banking & Credit | CTN-3030 | Cyber Security PLTW |
| ACBA4070 | Introduction to Financial Services | CTS-3010 | Health Careers I |
| CTA-3010 | Introduction to Arts/A/V Technology & Communications | CTS-3020 | Health Careers II |
| CTA-3020 | A/V Production & Digital Film-making | CTS-3030 | Biomed I Principles of Biomedical Sciences™ PLTW |
| CTA-3030 | Broadcasting Productions | CTS-3040 | Biomed II Human Body Systems™ PLTW |
| CTA-3040 | Digital Music Production | CTS-3050 | Biomed III Medical Interventions™ PLTW |
| CTA-3050 | Digital Animation | CTS-3080 | Emergency Medical Technician-Basic Course |
| CTC-3061/3062 | Carpentry I | CTT-3020 | Culinary & Restaurant Mgmt I (ProStart 1) |
| CTC-3081/3082 | Carpentry II | CTT-3030 | Culinary & Restaurant Mgmt II (ProStart 2) |
| CTC-3090 | Advanced Woodworking and Cabinetmaking | CTT-3040 | Baking and Pastries |
| CTC-3092 | Advanced Woodworking and Cabinetmaking Part 2 | CTV-3010 | CTE Academy Exploration |
| CTE-3010 | Engineering I- Introduction to Engineering Design™ | ELE-3460 | Teacher Pathway I |
| CTE-3020 | Engineering II- Principles of Engineering™ | ELR-3011/3012 | Leadership Education & Training I (LE-I) |
| CTE-3030 | Engineering III- Digital Electronics | ELR-3021/3022 | Leadership Education & Training II (LE-II) |
| CTE-3080 | Engineering IV- Engineering Design & Development (EDD)™ | ELR-3031/3032 | Leadership Education & Training III (LE-III) |
| CTE-3120 | Introduction to Robotics | ELR-3041/3042 | Leadership Education & Training IV (LE-IV) |
| CTF-3000 | Aviation I | LAE-3150 | Teacher Pathway II |

Sioux Falls School District Online Coursework

Online Foundations:

Designed to provide a bridge to high school, Foundation courses feature structured remediation designed to facilitate student progress through grades 3-8 skills. Courses develop math and English, language arts skills and strategies while raising academic performance up to high school level. (2000 Level)

Math:

| | | |
|---------------|---------------------|---------------------------|
| MAAO2061/2062 | Math Foundations I | 1.0 <i>Math Selective</i> |
| MAAO2071/2072 | Math Foundations II | 1.0 <i>Math Selective</i> |

Science:

| | | |
|----------|-----------------------|------------------------------|
| SCSO2011 | Science Foundations A | 0.5 <i>Science Selective</i> |
| SCSO2012 | Science Foundations B | 0.5 <i>Science Selective</i> |

English:

| | | |
|---------------|-------------------------------|-----------------------------|
| LAEO2011/2012 | English Foundations I | 1.0 <i>English Elective</i> |
| LAEO2031/2032 | English Foundations II | 1.0 <i>English Elective</i> |
| LARO2050 | Reading Skills and Strategies | 0.5 <i>English Elective</i> |
| LAEO2060 | Writing Skills and Strategies | 0.5 <i>English Elective</i> |

Computer Science:

| | | |
|----------|-----------------------------|-----|
| CSCO2010 | Intro to Personal Computing | 1.0 |
|----------|-----------------------------|-----|

Online Core:

Focused on building essential skills and content knowledge, core courses are designed to support success for both struggling and mainstream high school students. Rich graphics, engaging multimedia, hands-on interactivity, video and audio tracks provide support for students reading below grade level and address different learning styles for all students. (3000 Level)

Math:

| | | |
|---------------|----------------------|-----|
| MAAO3001/3002 | Introductory Algebra | 1.0 |
| MASO3010 | Data Analysis | 0.5 |
| MAAO3011/3012 | Algebra I | 1.0 |
| MAAO3031/3032 | Algebra II | 1.0 |
| MAGO3011/3012 | Geometry | 1.0 |
| MACO3011/3012 | Precalculus | 1.0 |
| MAMO2030 | Consumer Math I | 0.5 |
| MAMO2040 | Consumer Math II | 0.5 |

Applied Arts:

| | | |
|---------------|-------------------|-----|
| AABO3011/3012 | Accounting I | 1.0 |
| AABO3110 | Personal Finance | 0.5 |
| AAFO3040/3050 | Child Development | 1.0 |
| AAFO3210 | Fashion Design | 0.5 |
| ELEO3430 | Career Skills | 0.5 |

Online courses do not count for CTE credit.

Computer Science:

| | | |
|----------|-----------------|-----|
| CSMO3030 | Web Page Design | .05 |
|----------|-----------------|-----|

English:

| | | |
|-------------------|-----------------------|----------------------------------|
| LAEO3011/3012 | English I | 1.0 |
| LAEO3021/3022 | English II | 1.0 |
| LACO3010/LALO3010 | English III | 1.0 (<i>Comp + Am. Lit</i>) |
| LALO3040/3070 | Brit. Lit./World Lit. | 1.0 (<i>Engl Select/Elect</i>) |
| LACO3040 | Creative Writing | 0.5 |

Fine Arts:

| | | |
|---------------|--------------------|-----|
| FAAO3150 | Art History | 0.5 |
| FAMO3011/3012 | Music Appreciation | 1.0 |

General Elective:

| | | |
|---------------|--------------------------------|-----|
| ELEO3091/3092 | Native American Connections I | 1.0 |
| SSSO3151/3152 | Native American Connections II | 1.0 |
| ELEO3431/3432 | Academic Success | 1.0 |

Science:

| | | |
|---------------|--------------------|-----|
| SCHO3011/3012 | Physical Science | 1.0 |
| SCBO3011/3012 | Biology | 1.0 |
| SCCO3011/3012 | Chemistry | 1.0 |
| SCPO3011/3012 | Physics | 1.0 |
| SCSO3021/3022 | Environmental Sci. | 1.0 |
| SCEO3011/3012 | Earth Science | 1.0 |
| SCEO3021/3022 | Earth & Space Sci. | 0.5 |

Physical Education:

| | | |
|----------|--------------------|-----|
| HEHO3010 | Health & Wellness | 0.5 |
| PEPO3160 | Physical Education | 0.5 |

Social Studies:

| | | |
|---------------|--------------------------|----------------------------------|
| SSGO3010 | Geography | 0.5 (<i>World Geography I</i>) |
| | World Cultures | |
| SSGO3020 | World Geography II | 0.5 |
| SSHO3031 | Early History of Mankind | 0.5 (<i>SS selective</i>) |
| SSHO3032 | World History | 0.5 |
| SSHO3081/3082 | US History | 1.0 |
| SSVO3010 | US Gov & Politics | 0.5 (<i>Government</i>) |
| SSSO3020 | Psychology I | 0.5 |
| SSSO3040 | Economics | 0.5 |
| SSSO3070 | Sociology | 0.5 |
| SSSO3080 | Global Issues | 0.5 |

World Languages:

| | | |
|---------------|-------------|-----|
| WLCO3011/3012 | Chinese I | 1.0 |
| WLCO3021/3022 | Chinese II | 1.0 |
| WLCO3031/3032 | Chinese III | 1.0 |
| WLCO3041/3042 | Chinese IV | 1.0 |
| WLFO3011/3012 | French I | 1.0 |
| WLFO3021/3022 | French II | 1.0 |
| WLSO3011/3012 | Spanish I | 1.0 |
| WLSO3021/3022 | Spanish II | 1.0 |
| WLSO3031/3032 | Spanish III | 1.0 |

Sioux Falls School District Online Coursework

Online Comprehensive:

A college prep track, Comprehensive courses are designed to meet the needs of motivated students who are looking to build skills and content knowledge in preparation for post secondary training. Courses target students who are reading concepts, Comprehensive courses meet the expectation of honors courses for many school districts and prepare students for Advanced Placement. (4000 Level)

English:

| | | |
|---------------|-----------------------------|-----|
| LACO4011/4012 | Accelerated English IA/IB | 1.0 |
| LARO4011/4012 | Accelerated English IIA/IIB | 1.0 |

Math:

| | | |
|---------------|------------------|-----|
| MAAO4031/4032 | Acc. Algebra II | 1.0 |
| MAGO4011/4012 | Acc. Geometry | 1.0 |
| MACO4021/4022 | Acc. Precalculus | 1.0 |

Science:

| | | |
|---------------|----------------|-----|
| SCCO4011/4012 | Acc. Chemistry | 1.0 |
|---------------|----------------|-----|

Online Advanced Placement:

Authorized by the College Board AP Course Audit, Advanced Placement online courses are designed to meet higher education expectations of a college-level course and prepare students to demonstrate college-level achievement through success on the AP exams. Courses target highly motivated students who are reading at grade level or above and who have a track record of success in high school coursework. (5000 Level)

Math:

| | | |
|---------------|-----------------|-----|
| MACO5011/5012 | AP Calculus A-B | 1.0 |
| MASO5011/5012 | AP Statistics | 1.0 |

Science:

| | | |
|---------------|--------------|-----|
| SCBO5011/5012 | AP Biology | 1.0 |
| SCCO5011/5012 | AP Chemistry | 1.0 |

English:

| | | |
|-------------------|--------------------|-----|
| LAE05011/5012 | AP Eng Lit & Comp | 1.0 |
| LALO5011/LACO5012 | AP Eng Lang & Comp | 1.0 |

Social Studies:

| | | |
|---------------|--------------------|-----|
| SSSO5010 | AP Macroecon | 0.5 |
| SSSO5020 | AP Psychology | 0.5 |
| SSSO5030 | AP Microecon | 0.5 |
| SSVO5011 | AP US Gov/Politics | 0.5 |
| SSHO5011/5012 | AP US History | 1.0 |

World Language:

| | | |
|---------------|------------------------|-----|
| WLSO5011/5012 | AP Spanish Lang & Comp | 1.0 |
|---------------|------------------------|-----|

High School Personal Learning Plan Graduating Classes

Our mission in the Sioux Falls School District is “to educate and prepare each student to succeed in a changing world.” As educators, we believe that one of the essential skills for each student is the ability to plan for his/her own success.

Each high school student will develop a Personal Learning Plan which documents a minimum of 22 credits. The required courses for graduation are listed in the District Personal Learning Plan, along with the specific credits required for each content area. Students, along with their parents/guardians, should complete their Personal Learning Plan by selecting courses that fit their career plans and provides the greatest opportunity for individual success. Students who are not proficient in math or reading may be advised in appropriate course selections.

Each year students will review the Personal Learning Plan with their school counselor during registration. Students can change the Personal Learning Plan as their career plans and academic needs change during high school.

Your high school transcript will include all of the courses and grades you earn in your high school program. Your Personal Learning Plan should, first and foremost, assure that you receive your high school diploma. For more information on state graduation requirements, please visit the following link: <https://doe.sd.gov/gradrequirements/documents/1118-Infographic.pdf>

The District Personal Learning Plan document includes special notations with * markings. Listed below is an explanation of these notations along with additional information on graduation requirements.

- Students will be required to take 0.5 units of health at any time grades 6-12. A district may choose to integrate health across the curriculum at the middle of high school level in lieu of a stand-alone course.
- Students will also be required to take one unit of the following in any combination: approved Career & Technical Education; Capstone Experience or Service Learning; and/or World Language.
- Core content credit may be earned through an approved Career and Technical Education course.
- Additional requirements for the South Dakota Opportunity Scholarship are noted in the Frequently Asked Questions section of the High School Course Selection Guide or can be found at <https://sdos.sdbor.edu/Pages/default.aspx>

High School Personal Learning Plan: High School Diploma

This does not meet course requirements for the South Dakota Opportunity Scholarship.

This may not meet 4 year college entrance requirements.

| | Number of Credits | 1st Semester | 9th | 2nd Semester |
|---|-------------------|--------------|-----|--------------|
| ENGLISH/LANGUAGE ARTS | | | | |
| English I | 1.0 | | | |
| English II | 1.0 | Lunch/Study | | Lunch/Study |
| English III (American Literature & Composition) | 1.0 | | | |
| Speech or Debate | 0.5 | | | |
| English Elective | 0.5 | | | |
| TOTAL | 4.0 | | | |
| SOCIAL STUDIES | | | | |
| Social Studies Elective | 0.5 | | | |
| Social Studies Elective | 0.5 | | | |
| Social Studies Elective | 0.5 | | | |
| American Studies or Modern US History | 1.0 | | | |
| Government | 0.5 | | | |
| TOTAL | 3.0 | | | |
| MATH | | | | |
| Algebra I | 1.0 | | | |
| Math Elective | 1.0 | Lunch/Study | | Lunch/Study |
| Math Elective | 1.0 | | | |
| TOTAL | 3.0 | | | |
| SCIENCE | | | | |
| Biology | 1.0 | | | |
| Science Elective | 1.0 | | | |
| Science Elective or approved Computer Science course | 1.0 | | | |
| TOTAL | 3.0 | | | |
| FINANCE | | | | |
| Economics or Personal Finance | 0.5 | | | |
| TOTAL | 0.5 | | | |
| FINE ARTS | | | | |
| Fine Arts Option | 0.5 | | | |
| Fine Arts Option | 0.5 | | | |
| TOTAL | 1.0 | | | |
| PHYSICAL EDUCATION/HEALTH | | | | |
| Health completed 6-12 grade | | | | |
| Physical Education Option | 0.5 | | | |
| TOTAL | .05 | | | |
| ADDITIONAL REQUIREMENTS | | | | |
| Approved Career & Technical Education or World Language, or Capstone Experience | 1.0 | | | |
| TOTAL | 1.0 | | | |
| Total Credits | | | | |
| Required | 16.0 | | | |
| Elective | 6.0 | | | |
| TOTAL | 22.0 | | | |

Student Signature _____ Date _____ Parent/Guardian Signature _____ Date _____ Administrator/Counselor Signature _____ Date _____

High School Personal Learning Plan: Advanced Endorsement

This does not meet course requirements for the South Dakota Opportunity Scholarship.

| | Number of Credits | 1st Semester | 9th | 2nd Semester |
|--|-------------------|--------------|-----|--------------|
| ENGLISH/LANGUAGE ARTS | | | | |
| English I | 1.0 | | | |
| English II | 1.0 | | | |
| English III (American Literature & Composition) | 1.0 | | | |
| Speech or Debate | 0.5 | Lunch/Study | | Lunch/Study |
| English Elective | 0.5 | | | |
| TOTAL | 4.0 | | | |
| SOCIAL STUDIES | | | | |
| Social Studies Elective | 0.5 | | | |
| Social Studies Elective | 0.5 | | | |
| Social Studies Elective | 0.5 | | | |
| American Studies or Modern US History | 1.0 | | | |
| Government | 0.5 | | | |
| TOTAL | 3.0 | | | |
| MATH | | | | |
| Algebra I | 1.0 | | | |
| Geometry | 1.0 | | | |
| Algebra II | 1.0 | Lunch/Study | | Lunch/Study |
| TOTAL | 3.0 | | | |
| SCIENCE | | | | |
| Biology | 1.0 | | | |
| Lab Science Elective | 1.0 | | | |
| Lab Science Elective | 1.0 | | | |
| TOTAL | 3.0 | | | |
| FINANCE | | | | |
| Economics or Personal Finance | 0.5 | | | |
| TOTAL | 0.5 | | | |
| FINE ARTS | | | | |
| Fine Arts Option | 0.5 | | | |
| Fine Arts Option | 0.5 | Lunch/Study | | Lunch/Study |
| TOTAL | 1.0 | | | |
| PHYSICAL EDUCATION/HEALTH | | | | |
| Health completed 6-12 grade | | | | |
| Physical Education Option | 0.5 | | | |
| TOTAL | 0.5 | | | |
| ADDITIONAL REQUIREMENTS | | | | |
| Approved Career & Technical Education or World Language or Capstone Experience | 1.0 | | | |
| TOTAL | 1.0 | | | |
| Total Credits | | | | |
| Required | 16.0 | | | |
| Elective | 6.0 | | | |
| TOTAL | 22.0 | | | |

Student Signature _____ Date _____ Parent/Guardian Signature _____ Date _____ Administrator/Counselor Signature _____ Date _____

NATIONAL CAREER READINESS CERTIFICATE

The National Career Readiness Certificate examination assesses an individual’s skill level in three areas deemed critical for employability: Reading for Information, Applied Mathematics, and Locating Information. ACT, the organization that developed the college testing standard, researched over 16,000 occupations before developing these three WorkKeys® assessments for the NCRC.

Just as the ACT score indicates the college readiness of all students, the NCRC assesses the career readiness of all students and serves as a reliable predictor for workplace success of any applicant, student or adult. Thousands of private and public employers now ask for or require NCRC scores as part of the application process.

NCRC is awarded at four levels: Platinum, Gold, Silver, and Bronze. Each is an objective validation to employers anywhere in the U.S. that an individual has met or exceeded the necessary foundational skills for a percentage of the 16,000 occupations in the WorkKeys database. For example, a Gold certificate verifies that an individual has the necessary skills for 93% of occupations. An employer may use NCRC scores for baseline applicant screening; hiring and promotion decisions; and targeting employee training and development.

For more information about the NCRC, visit

<http://www.act.org/content/act/en/products-and-services/workkeys-for-educators/ncrc.html>

Example of Industry-Recognized Credentials

| | | |
|---|--|--|
| Agriculture, Food & National Resources | Finance | Law, Public Safety, Correction & Security |
| <ul style="list-style-type: none"> • Beef Quality Assurance • Commercial Applicator Certification (Pesticide) | <ul style="list-style-type: none"> • Concepts of Entrepreneurship & Management (A*S*K) • Concepts of Finance (A*S*K) | <ul style="list-style-type: none"> • EMT– Basic |
| Architecture & Construction | Government & Public Administration | Manufacturing |
| <ul style="list-style-type: none"> • Certified SolidWorks Associate (CSWA) • Drafter Certification (ADDA) | <ul style="list-style-type: none"> • OSHA 10 Hourly Safety Certification– General Study | <ul style="list-style-type: none"> • Certified Welder (AWS) • OSHA 10 Hour Safety Certification– Construction Industry |
| Arts, A/V Technology & Communications | Health Science | Marketing |
| <ul style="list-style-type: none"> • Adobe Certified Associate (ACA) • HTML Developer | <ul style="list-style-type: none"> • Certified Nurse Assistant (CNA) • Pharmacy Technician Certification | <ul style="list-style-type: none"> • Fundamental Marketing Concepts (A*S*K) |
| Business Management & Administration | Hospitality & Tourism | Science, Technology, Engineering & Math |
| <ul style="list-style-type: none"> • Concepts of Finance (A*S*K) • Fundamental Business Concepts (A*S*K) | <ul style="list-style-type: none"> • ProStart National Certificate of Achievement (COA) • ServSafe Food Safety Tech • Professional Server Certification Corporation: Food Safety for Handlers | <ul style="list-style-type: none"> • Drafter Certification (ADDA) |
| Education & Training | Human Services | Transportation, Distribution, & Logistics |
| <ul style="list-style-type: none"> • Registered Parliamentarian | <ul style="list-style-type: none"> • First Aid/CPR | <ul style="list-style-type: none"> • Automotive Service Excellence (ASE) Certification |
| | Information Technology | |
| | <ul style="list-style-type: none"> • CISCO Certified Network Associate (CCNA) • Microsoft Office Specialist • G Suite Certification: Google Cloud | |

More information can be found at the following URL: <https://doe.sd.gov/cte/documents/Industry-0722.pdf>

SOUTH DAKOTA OPPORTUNITY SCHOLARSHIP

The State of South Dakota has established a scholarship for students interested in attending a State University or technical school. This program awards a scholarship up to \$6,500 over four years to high school graduates from South Dakota who complete a challenging high school curriculum and maintain certain academic standards.

Students may establish their initial eligibility in the Opportunity Scholarship program by meeting the requirements in one of two ways:

Option 1

- *RESIDENT STATUS*: Be a resident of South Dakota at the time of high school graduation
- *ACT SCORE*: Have an ACT composite score of 24 or higher before the beginning of postsecondary education. If using a SAT score, the sum of the verbal and mathematics scores on the SAT must be at least 1180.
- *CURRICULUM / GPA*: Complete the high school course requirements (see Curriculum Requirements webpage) with no final grade below a "C" (2.0 on a 4.0 scale) and a cumulative high school GPA of 3.0 on a 4.0 scale (grade of "B") prior to graduation (NOTE: One unit of high school credit equals one year of instruction).
- *ATTENDANCE*: Attend a university, college, or technical school accredited by the Higher Learning Commission of the North Central Association of Colleges and Schools and that provides instruction from a campus located in South Dakota.
- *TIMING*: Enter into the program within 5 years of high school graduation, or within 1 year of the student's release from active duty military service (if that release is within 5 years of the date of the student's high school graduation). Students seeking to transfer from a regionally accredited university, college, or technical school located outside of South Dakota may do so within two years following high school graduation and be eligible to receive partial award.

Option 2

- *RESIDENT STATUS*: Be a resident of South Dakota at the time of high school graduation
- *ACT SCORE*: Have an ACT composite score of 28 or higher and meet the ACT college readiness benchmarks scores equaling or exceeding 18 for English, 22 for Reading, 22 for Math, and 23 for Science. If using an SAT score the sum of the verbal and mathematics scores on the SAT must be at least 1260 (testing before January 2016) or 1320 (testing after March 2016).
- *ATTENDANCE*: Attend a university, college, or technical school accredited by the Higher Learning Commission of the North Central Association of Colleges and Schools and that provides instruction from a campus located in South Dakota.
- *TIMING*: Enter into the program within 5 years of high school graduation, or within 1 year of the student's release from active duty military service (if that release is within 5 years of the date of the student's high school graduation). Students seeking to transfer from a regionally accredited university, college, or technical school located outside of South Dakota may do so within two years following high school graduation and be eligible to receive partial award.

All recipients must receive a C or higher on all coursework including:

- 4 Units of English
- 4 Units of Algebra or Higher Mathematics
- 4 Units of Science including 3 units of approved lab science (biology, chemistry or physics)
- 3 Units of Social Studies
- 2 Units of either of the following or a combination of the two:
 - ✓ Approved career and technical education courses
 - ✓ Modern or Classical Language (includes American Sign Language)
- 1 Unit of Fine Arts
- 0.5 Unit of Personal Finance or Economics
- 0.5 Unit of Physical Education
- 0.5 Unit of Health or Health Integration

Additional information can be found at: <https://sdos.sdbor.edu/require/Pages/Initial-Eligibility.aspx>

Frequently Asked Questions

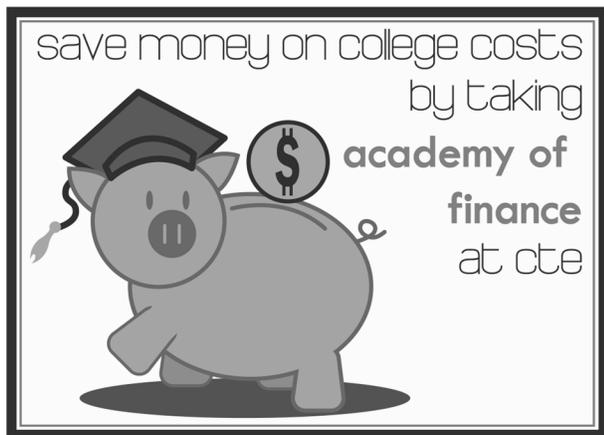
REGISTRATION FACTS

1. Students must have received passing grades in at least four (4) subjects or two (2) credits at the last semester of report cards to be eligible in any school activity.
2. The school day is divided into seven 50-minute periods, one of which is designed for a 25-minute lunch period and 25-minute study period. The remaining six periods are filled with classes.

ACADEMY OF FINANCE

The Academy of Finance (AOF) is a program sponsored by the National Academy Foundation. AOF is located at the Career and Technical Education (CTE) Academy. The 2 or 3 year national program is designed to prepare students with practical skills to enter the world of business and finance. Interested students should apply during their freshman or sophomore year. In order to graduate from the AOF program, an internship is required. **Up to 19 college credits can be earned by successfully completing high school courses and summer opportunities; including internship.** Financial support for the program is provided by Citibank and numerous local internship sponsors.

Great option for future Business Majors



ACCELERATED AND ADVANCED PLACEMENT PROGRAM

The Accelerated and Advanced Placement (AP) programs provide a rigorous curriculum for students who select a more challenging course of study. Accelerated courses are designed to lay the foundations for Advanced Placement courses. Advanced Placement is a cooperative educational program between secondary schools and colleges/universities. AP courses use college-level curricula to prepare students for the AP exams, which are offered annually in May at a cost of \$96 per exam. A student who earns a score of 3 or better on an AP exam will generally receive credit for the equivalent course at one of the 2,000 colleges and universities that give credit for AP exams. The Sioux Falls School District expects students to take the AP exam as a part of the AP course.

AP exams are a significant part of the AP program, but not the only part. Students can benefit from taking AP courses by learning a subject in greater depth, developing skills that are critical to successful study in college, demonstrating to colleges their willingness to undertake a challenging course. Listed below are the Accelerated and AP courses that are offered and the recommended sequence in which to take the course. Students may elect to take an AP course even if they have not had any previous accelerated courses.

2023-2024 Accelerated and Advanced Placement Course Offerings

ART

- AP 2-D
- AP 3-D

CAPSTONE

- AP Seminar
- AP Research

COMPUTER SCIENCE

- AP Computer Science Principles
- AP Computer Science A

LANGUAGE ARTS

- Accelerated English I
- Accelerated English II
- AP English Language & Composition
- AP English Literature & Composition

MATHEMATICS

- Accelerated Geometry
- Accelerated Alg. II
- Accelerated Precalculus
- AP Calculus
- AP Statistics

MUSIC

- AP Music Theory

SCIENCE

- Accelerated Chemistry
- AP Biology
- AP Chemistry
- AP Physics I & II
- AP Environmental Science

SOCIAL SCIENCE

- AP World History
- AP Human Geography
- AP Macroeconomics
- AP European History
- AP Government
- AP Psychology
- AP United States History

WORLD LANGUAGES

- AP Latin
- AP Spanish
- AP Spanish Language & Culture

AP SCHOLAR AWARD REQUIREMENTS

The AP Program offers AP Scholar Awards to recognize high school students who have demonstrated college achievement through AP courses and exams. The following awards and requirements are given annually by the Advanced Placement program.

- AP Scholar - Granted to students who receive scores of 3 or higher on three or more AP exams.
- AP Scholar with Honor - Granted to students who receive an average score of at least 3.25 on all AP exams, and scores of 3 or higher on four or more of these exams.
- AP Scholar with Distinction - Granted to students who receive an average score of at least 3.5 on all AP exams taken and scores of 3 or higher on five or more of these exams.
- AP Capstone Diploma - Granted to students who earn scores of 3 or higher in AP Seminar and AP Research and on 4 additional AP exams.
- AP Seminar and Research Certificate - Granted to students who earn scores of 3 or high in AP Seminar and AP Research but not on 4 additional AP exams.
- AP State Scholar - Granted to the one male and one female student in each U.S. state and the District of Columbia with scores of 3 or higher on the greatest number of AP exams and then the highest average score (at least 3.5) on all AP exams taken.
- National AP Scholar - Granted to students in the United States who receive an average score of at least 4 on all AP exams taken and scores of 4 or higher on eight or more of these exams.

COLLEGE BOUND STUDENTS

Students should check with colleges regarding class rank, ACT test scores, SAT test scores, and science/math, world language requirements for admission. Many college applications and scholarship information are available in the counselor's office. Your counselors are there to help.

Entrance Requirements for SD State Universities

- Four years of English
- Three years of Social Studies
- One credit of Fine Arts
- Three years of advanced Mathematics (Algebra I and above)
- Three years of lab sciences
- AND ONE of the following: 2.6 high school GPA, an ACT composite score of 18, or top 60% of your graduating class.

Contact the university or access its website for current admission requirements.

COURSE EQUIVALENCY (CREDIT BY EXAM)

Students have an opportunity to earn credit by taking an exam. According to policy/regulation IKF-R, the District shall offer credit by exam for the following high school classes:

- Algebra I
- Geometry
- Algebra II
- Government
- World Geography
- World History
- Personal Finance
- Spanish I
- Spanish II

In order to receive credit, student exams can only be taken one time and must be passed at 85% correct proficiency.

CREDIT FOR HIGH SCHOOL COURSES TAKEN IN MIDDLE SCHOOL

The SFSD has received a waiver from the State Department of Education to allow middle school students who successfully complete the courses listed below to receive high school credit towards graduation for the respective content area:

- Accelerated Algebra I (Math credit)
- Accelerated Algebra II (Math credit)
- Accelerated Geometry (Math credit)
- Biology (Science credit)
- CTE Academy Exploration (CTE credit)
- Spanish I (elective/World Language credit)
- Spanish II (elective/World Language credit)

These courses will be listed on the high school transcript, be included in the high school GPA, and apply to the SD Opportunity Scholarship. Students must pass the course to receive credit.

Students who drop a course after the first 5 school days of a semester will receive an "F" grade, which will appear on their transcript and be figured in their grade point average. However, changes to a course of a lower or higher difficulty in the same subject area may occur at the request of the teacher, with administrator approval.

DUAL CREDIT OPPORTUNITIES

The Sioux Falls School District provides a variety of options for high school students to enroll part-time in post-secondary courses. Students can also take courses of interest on location or online at STC, Augustana University, the University of Sioux Falls, USD Sioux Falls, etc. for dual credit. Participation can be through the state's dual credit program that partners with South Dakota's public universities and technical schools or through arrangements with local private schools. Those wishing to participate in the program must follow these procedures:

1. Students must be high school juniors or seniors or at least 16 years of age, and meet eligibility requirements of the institution and the Sioux Falls School District.
2. Students must file a dual enrollment form with the high school and with the post-secondary institute. This form requires the signature approval of a parent/guardian AND high school official.
3. Students must contact the institution and follow the admissions and registration procedures, and adhere to the requirements.
4. Deadline for students to submit forms is December 15 for the spring and May 15 for the following fall.

Please note:

Space provided for high school students is limited. Registration is conducted on a first come first served basis. All costs are the responsibility of the student and/or parent/guardian. High school students are not eligible for financial aid.

EARLY GRADUATION

Students interested in early graduation should see a counselor and complete the necessary forms. Those planning to graduate a semester or more early should meet with their counselor to discuss future plans, early college admissions options, or other opportunities associated with early graduation. Students will need to be ahead on credit to access this option.

GIFTED AND TALENTED PROGRAM

The Gifted and Talented Program provides opportunities for students of high capability to further develop their talents and skills by facilitating acceleration, and coordinating enrichment opportunities. *Acceleration* – Accelerated courses are available in English, Math, and Science. These classes will be labeled on transcripts reflecting their difficulty. It is recommended that students meet these requirements for an accelerated strand class: an “A” or “B” in previous similar courses, standardized testing score at or above the 90th percentile in that subject, commitment to course work, and self-motivation. *Enrichment Opportunities* – Shadowing, interest group seminars, discussion groups, Future Problem Solving, Quiz Bowl, Nobel Conference, Fine Arts Mentorship, and after-school classes are some of the enrichment opportunities available to students in the Gifted and Talented Program..

GRADE LEVEL CLASSIFICATION OF HIGH SCHOOL STUDENTS

At the beginning of each school year, high school students will be classified by the total number of credits. Students must earn the following number of credits to be classified as a 10th, 11th, or 12th grader:

| | |
|------------------------|--------------|
| 10 th Grade | 5.0 credits |
| 11 th Grade | 11.0 credits |
| 12 th Grade | 16.0 credits |

GRADING SCALE

| | |
|---|-----------------|
| A | 90-100% |
| B | 80-89.9% |
| C | 70-79.9% |
| D | 60-69.9% |
| F | 59.9% and below |

HONOR ROLL

- To be eligible for the straight “A” honor rolls, a student must earn a 4.0 grade point average and be enrolled in four credit bearing courses.
- To be eligible for the honor roll, a student must earn a 3.5 grade point average and be enrolled in four credit bearing courses.
- To be eligible for the merit roll, a student must earn a 3.0 grade point average and be enrolled in four credit bearing courses.
- 1000 level courses are not included in honor roll and class rank..

NATIONAL HONOR SOCIETY INFORMATION

The National Honor Society (NHS) was founded “as a concrete way to promote high school academic standards, a means of ensuring the continuation of democracy, and an instrument for the betterment of the individual and the school (NHS Handbook, 1992).” The NHS promotes the development and exhibition of positive leadership qualities, encourages service involvement in the community, and promotes the development and manifestation of character.

The faculty council for each High School Chapter of the National Honor Society makes a review of the scholastic records of all junior and senior students. This review determines scholastic eligibility for further consideration for nomination to the NHS Chapter. Successful appointment to membership in NHS is dependent upon the following things:

1. Grade point average (must equal or exceed 3.5).
2. Recommendation for membership by one or more of the teaching staff.
3. Expression of interest on the part of the student in the NHS.
4. Completion of all parts of a Student Activity Information Form.
5. Favorable recommendation for membership as determined by majority vote of the faculty council.

NCAA/NAIA ELIGIBILITY

Students planning to enroll in college and participate as freshmen in Division I or II, or NAIA athletics must be registered by either NCAA Eligibility Center or NAIA Eligibility Center. Not all courses offered by the Sioux Falls School District are NCAA approved. Please check the following website for details. For registration see the following sites:

http://fs.ncaa.org/Docs/eligibility_center/Student_Resources/CBSA.pdf

<https://www.playnaia.org/>

ONLINE COURSEWORK

Online courses provide increased accessibility and flexibility for high school students to take either during the school day or after school. Courses are available in English, Math, Science, Social Studies and elective courses. Students taking a virtual/online course during the school day will report to the designated online classroom. Students taking high school courses online after school hours will provide their own computer and Internet access. See your high school counselor for information.

Students should work with counselors before taking any online courses.

PRESIDENT’S EDUCATION AWARDS PROGRAM

The purpose of this award is to recognize academic success in the classroom. To be eligible for the President’s Award for Educational Excellence, students must meet the following requirements:

1. Grade Point Average: Students are to earn a grade point average of 90 on a 100 point scale, (an A on a letter scale or a 3.5 on a 4.0 scale).
2. School Criteria/Standards: Standards for the award are to be established by each school that reflects a 90 percent level or higher on the traditional grading scale. This category enables school personnel to use new assessment and evaluation tools in developing award criteria at their school and apply the criteria fairly to all students. The primary indicator of excellence must be based on academic achievement. School personnel may also consider, as part of the criteria, activities in which a student demonstrates high motivation, initiative, integrity, intellectual depth, leadership qualities and/or exceptional judgment. They may also require student essays and outstanding attendance, but these activities must bear some relationship to the academic performance of a student.
3. In addition to 1 & 2, schools are to include one or more of the following criteria to determine their selected students:
 - A. High achievement in reading or math on state tests or nationally-normed tests. The school may consider college admissions examinations for seniors, for example the SAT or ACT.
 - B. ACT score of 26 or higher, or proficient (3 or 4) on the Smarter Balance Test.
or
 - C. Recommendation from a teacher plus one other staff member may be used.

REGENTS’ SCHOLAR DIPLOMA INFORMATION

The South Dakota Department of Education and the Board of Regents annually recognize seniors committed to academic excellence by issuing Regents’ Scholar diplomas. Additional information can be found at: <https://www.sdbor.edu/teachers-counselors/Pages/Regent-Scholars.aspx>

Recipients of Regents’ Scholar diplomas are accepted for automatic entrance to any of the six institutions of higher education in South Dakota. To be eligible, a student must have completed the following courses at a 300 level or higher with no final grade below a C and a grade point no lower than a B.

- 4 credits of English.
- 1 credit of fine arts.
- 3 credits of social studies.
- 4 credits of algebra or higher mathematics.
- 4 credits of science, including 3 credits of approved lab science.
- 2 credits of a modern or classical language (including American Sign Language): The two credits must be the same language.

SEAL OF BILITERACY

The Seal of Biliteracy awarded by the Global Seal of Biliteracy Organization certifies language proficiency in two languages (or more) at the Intermediate-Mid and Advanced-Low levels on the American Council on the Teaching of Foreign Language (ACTFL) Proficiency Scale. The Intermediate-Mid certificate is called the Functional Fluency Award and the Advanced-Low certificate is called the Working Fluency Award. To receive the Seal, the school submits qualifying test scores as evidence of language skills in two or more languages. The test must have been taken within the 12 months preceding the date the scores are submitted. For students whose first language is not English, schools must submit qualifying English test scores or verify that the students have met established English requirements for graduation. The Seal is recognized by many colleges and a growing number of employers as a credible verification of language skills that can be used to determine accurate placement in college courses or determine fit for jobs requiring advanced language skills in two or more languages.

| World Language Requirement | | |
|------------------------------|----------------------------|----------------------------|
| Qualifying Tests | Functional Fluency | Working Fluency |
| Avant STAMP 4S | 5 or higher on all 4 parts | 7 or higher on all 4 parts |
| Advanced Placement (AP) Exam | 3 | 5 |

| English Requirement | | |
|-------------------------------------|--|---|
| WIDA ACCESS | 4.5 | 5.8 |
| English requirements for graduation | Has met all 8th Grade English Requirements | Has met all 11th Grade English Requirements |

SUMMER SCHOOL

1. Students who wish to take additional courses or are behind in credits may register for Summer School in the spring.
2. Students will receive no credit for repeating a course that has already been taken and passed.

TRANSCRIPT REQUESTS

The registrar will accommodate requests made by seniors for college entrance or scholarship requirements.

TRANSPORTATION

Transportation is the student’s responsibility when taking a course at another high school or postsecondary institution. Transportation will be provided to the CTE Academy.

WEIGHTED GRADES

The District will maintain a non-weighted GPA and corresponding class rank and a weighted GPA and corresponding class rank. Bonus points for AP courses and Project Lead the Way Courses will be added to a student’s GPA after the GPA has been calculated using a non-weighted system. Both weighted and non-weighted GPA’s corresponding class rankings will always be printed on student transcripts.

Calculation of Weighted GPA

- a. Students shall receive bonus points to their non-weighted GPA for all Advanced Placement and Project Lead the Way courses that they complete with a semester grade of C or better.
- b. In order to receive credit for a yearlong course, students must complete both semesters of an Advanced Placement or Project Lead the Way course. Students in a yearlong AP or Project Lead the Way course will lose the first semester bonus points if they do not complete the second semester of the course.
- c. GPA points shall be calculated as follows for a full year course:

| <u>Grade</u> | <u>Bonus Points</u> |
|--------------|---------------------|
| A | 0.045 |
| B | 0.0225 |
| C | 0.015 |
| D | No bonus points |

SCHOOL CLUBS, ORGANIZATIONS AND ACTIVITIES

WASHINGTON



School Sponsored

- Band
- Basketball
- Cheerleaders (sideline)
- Chemistry Club
- Chorus
- Classic Connection
- Competition Cheer
- Competition Dance
- Cross Country
- Debate
- Distributive Education Clubs of America (DECA)
- Drama Club
- Drama Theatre
- Espanol AP Club
- Football
- German Club
- Golf

- Gymnastics
- Highsteppers (Dance)
- HOSA: Future Health Professionals
- JROTC/Color Guard*
- Link Crew
- Marching Band
- National Honor Society (NHS)*
- Newspaper (NOW)
- Okichiya Club
- One Act Play*
- Oral Interpretation
- Orchestra
- Powerlifting
- Principal Advisory Council
- Quiz Bowl
- Renaissance
- Senior Events Committee
- Stagelights Show Choir
- Student Council*
- Tennis
- Track
- Visual Arts

- Volleyball
- Warriors Read Together
- Warrior Sports Game Day Crew
- Warrior Yearbook
- WHS Book Club
- Wrestling

Non-School Sponsored Clubs

- African Drama Club
- American Sign Language Club
- Amigos Hispanos
- Anime Club
- Asian Pacific Islander SA
- Best Buddies
- BSUE
- Building Future Readers
- Chess Club
- Christians in Action Club
- Collison
- Color Guard Club
- Creative Ink

- Fellowship Club
- Game On Club
- Green Club
- GSA Club
- Knitting Club
- K-Pop Club
- Light of the Next Generation
- Primatology Club
- SALSA
- Seen Club
- Spanish Club
- Tech Club
- TRPG Club
- Under the Surface Club
- Warrior Writes
- WHS E-Sports
- Wordle Club
- Young Poetry Club
- Young Dems
- Young Patriots

Non State Sanctioned (Club) Sports

- Baseball
- Bowling

LINCOLN



School Sponsored

- Boy's Ensemble (Canto Fratelli, LHS Men of Note)*
- Boys/Girls State*
- Captains Council*
- Chamber Orchestra*
- Concert Band
- Concert Choir
- Debate
- Distributive Education Clubs of America (DECA)
- Drama Club
- English National Honor Society
- Girl's Ensemble (Cantare, Sotto Voce, Bel Canto & LHS Women of Note)*
- International Club (French, Spanish, German)
- Jazz Ensemble*
- JROTC*
- Latin Club/Classical League

- Marching Band
- Math National Honor Society
- Mixed Vocal Ensemble (Chamber, Cliff Avenue Singers)*
- National Honor Society (NHS)*
- Newspaper (Statesman)
- One-Act Play*
- Oral Interpretation
- Orchestra
- Pep Band
- Science National Honor Society
- Select Strings*
- Sideline Cheer*
- Standardized Math Test Preparation Club
- String Ensemble*
- Student Advisory Board
- Student Council*
- Student Trainers
- Writer's Guild
- Yearbook (Heritage)

Non-School Sponsored Clubs

- Anime
- Art Club
- Best Buddies
- Car Club
- Chess Club
- Climbing Club
- Collision-First Priority
- Cultural Cooking Club
- Dinosaur Interest Group (DIG)
- Environment Ingenuity Club
- Family, Career, Community Leaders of America (FCCLA)
- Fishing Club
- French Club
- Gender Equality Club
- Gender Sexuality Alliance (GSA)
- German Club
- Gourmet Guruz
- HOSA (Health Occupations Students of America)
- K-Pop Club
- Kroeze Club

- Latina Club
- LHS Cycling Club
- LHS Drama Club
- Mitakuye Oyasin (We are all related)
- Movie Club
- Murphy Mentors
- Photography Club
- Pickle Ball Club
- Plant Club
- Poetry Club
- Primate Club
- Puzzle Club
- RIFF
- RSPCT (Retro, Stylish, Pop Culture, Throwback)
- Serve and Learn Student Assoc. (SALSA)
- Spanish Club
- Spanish Immersion Connect
- Stock Market Club
- Suit Club
- Study Buddies
- Umbrella Syndicate Club
- Yoga Club
- Young Conservative Club
- Young Progressives Club

* By Audition or Selection

ROOSEVELT



School Sponsored

- Air Force JR ROTC
- All State Band*
- All State Choir*
- All State Jazz Band*
- All State Orchestra*
- Boys Ensemble (RiderChor)*
- Boys/Girls State*
- Capital Harmony*
- Chamber Orchestra*
- Chorale*
- Color Guard
- Concert Band
- Concert Choir
- Concert Orchestra
- Debate
- Distributive Education Clubs of America (DECA)
- Drama
- Freshman Band

- Freshman Chorus
- Freshman Orchestra
- Freshman Treble Chorus
- Girls Ensemble (Melodia)*
- JAG
- Jazz Band*
- Link Crew
- Marching Band
- Melodia
- Mixed Chorus
- National Honor Society (NHS)*
- Newspaper (Nationalist)
- Oral Interpretation
- Orchestra
- Pep Club
- Quiz Bowl
- Renaissance Committee
- Science National Honor Society
- Show Choir (2)*
- Sideline Cheer*
- Student Ambassadors
- Student Council *
- Student Trainers
- Symphonic Band*

- Symphony Orchestra*
- Unified Sports
- Unity Inc
- Varsity Band
- Visual Arts Club
- Vocal Jazz
- Winter Guard
- Winter Percussion
- Yearbook (Legacy)

Non-School Sponsored Clubs

- Asian Student Union
- Best Buddies
- Black Student Union
- Board Game Club
- Cancer Awareness Club
- Chess Club
- Drama Club
- Dungeons & Dragons
- First Priority (Collision)
- French Club
- Future Teachers Club
- Gay Straight Alliance (GSA)
- German Club
- Holiday Club

- HOSA
- Latinos Unidos
- Make a Mark Club
- Multi-cultural Club
- National History Day Club
- National Speech & Debate Association (NSDA)
- Poker Club
- Pottery Club
- Power Lifting
- Progressive Students' Forum
- RHS Environmental Club
- RHS Flight Club
- RHS Greenhouse Club
- Riders Against Anxiety & Depression Stigma (RAADS)
- Serve and Learn Student Assoc. (SALSA)
- Spanish Club
- Students Against Destructive Decisions (SADD)
- Tribal Club
- Video Game Club
- Writers of Wisdom (WOW)

JEFFERSON



School Sponsored

- Band
- Cavs Read Together
- Cavs Sports Game Day Crew
- Cavs Yearbook
- Chemistry Club
- Chorus
- Classic Connection
- Debate
- Distributive Education Clubs of America (DECA)
- Drama Club
- Drama Theatre
- Espanol AP Club
- German Club
- Jazz Band

- Jefferson Steel Ensemble
- JHS Book Club
- JROTC/Color Guard*
- Link Crew
- Marching Band
- National Honor Society (NHS)*
- Newspaper (NOW)
- Okichiya Club
- One Act Play*
- Oral Interpretation
- Orchestra
- Powerlifting
- Principal Advisory Council
- Quiz Bowl
- Renaissance Senior Events Committee
- Show Choir*
- Student Ambassadors
- Student Council*
- TedEd Club
- Visual Arts

Non-School Sponsored Clubs

- Art Club
- Best Buddies
- Book Club
- BSU—Black Student Union
- Cancer Awareness
- DECA
- Drama Club
- Flight Club
- Frisbee Golf
- Gaming Club
- Garden Club
- German Club
- GSA—Gender/Sexuality Alliance
- HOSA: Future Health Professionals
- Inclusive Drum Circle
- LLC—Latin Culture Club
- Le Club Fraçais
- Magic the Gathering

- Pottery Club
- Reading Buddies
- SALSA
- Spanish Club
- Tióšpaye Owáyawa Kiy (Tribal Club)
- Unified Sports
- Women's Empowerment Club

CTE



- School Sponsored**
Academy of Finance

- Health Occupations
Students of America

Pro-Start

SkillsUSA

* By Audition or Selection

These groups meet during lunch/study. Students are expected to also be enrolled in a credit-bearing music class, or have instructor permission. (All groups by audition only)

| INSTRUMENTAL GROUPS | | | |
|---------------------|-------------------|-------------------|--------------------|
| WHS | LHS | RHS | JHS |
| Jazz Ensemble | Jazz Ensemble | Jazz Band | Jazz Ensemble |
| String Ensemble | String Ensemble | String Ensemble | Steel Pan Ensemble |
| Chamber Orchestra | Chamber Orchestra | Chamber Orchestra | String Ensemble |
| | | | Chamber Orchestra |

| CHORAL GROUPS | | | |
|------------------------------|---|--|----------------|
| WHS | LHS | RHS | JHS |
| Tenor/Bass Ensemble | Boys Ensemble (Canto Fratelli, LHS Men of Note) | Tenor/Bass Ensemble (RiderChor) | Boys Ensemble |
| Soprano/Alto Ensemble | Girls Ensemble (Cantare, SottoVoce, Bel Canto, LHS Women of Note) | Soprano/Alto Ensemble (Melodia) | Girls Ensemble |
| Vocal Jazz 1 Vocal Jazz 2 | Mixed Ensemble (Chamber, Cliff Avenue Singers) | Mixed Ensemble (Executive Chamber) | Jazz Choir |
| Show Choir | Vocal Jazz* | Show Choir (Executive Suite, Capitol Harmony, Unity, Inc.) | Show Choir |

Lunch ensemble groups may earn up to .25 credit per semester.

*10-12 grade by audition; only meet outside of the school day; **no credit offered**

SPORTS PROGRAMS AND SEASONS

Refer to the Athletic Handbook for eligibility requirements.

SCHOOL SPONSORED

Fall:

Girls Volleyball
Boys Football
Boys and Girls Cross Country
Boys Golf
Boys and Girls Soccer
Girls Tennis
Competitive Cheer
Competitive Dance
Cheerleaders (Sideline)

Winter:

Boys and Girls Basketball
Girls Gymnastics
Boys Wrestling
Cheerleaders (Sideline)
Spring:
Girls Golf
Boys Tennis
Boys and Girls Track and Field

NON-SCHOOL SPONSORED (Club Sports)

Fall:

Softball

Winter:

Boys and Girls Bowling

Spring:

Baseball

Contact the Activities Assistant Principal of your high school for more information and the name of the coaches/advisors.

* By Audition or Selection

CAREER & TECHNICAL EDUCATION ACADEMY

CTE: Acad. of Finance

Type this URL for the CTE Catalog: http://www.sf.k12.sd.us/images/docs/school_specific_documents/cte/Catalog.pdf

(CTV-3010) CTE ACADEMY EXPLORATION

Length/Credit: One Semester, Two Hour block at CTE, 1 credit

Prerequisite: None, Open to grade 9-12

Location: Offered at CTE only

CTE Academy Exploration is a foundation course that is intended to precede studies at the Career and Technical Education Academy.

Career & Technical Education (CTE) Academy Exploration is an exploratory course that helps students identify their skills and interests within CTE course areas, while also providing direction towards possible career choices within the CTE career cluster options. Through this course students will engage in hands-on learning activities in the areas of media arts, biomedical science, health careers, information technology, engineering, carpentry, culinary arts, automotive technology, cabinetry, human services, welding, auto body technology, aviation, and the Academy of Finance.

(ACBA4010) ACCOUNTING I

Length/Credit: One Semester, Two Hour block at CTE, 1 credit

Prerequisite: None, Open to grade 10-12 Meets CTE or General Elective graduation requirements

Location: Offered at CTE only

Concurrent credit available for this course.

Do you like money? Learn how to record business transactions by using online, automated software and simulations. Introduction to accounting concepts through sole proprietorship, partnerships and corporations. Record business transactions; prepare financial records for small business; learn business foundations for professional or personal use.

(ACBA4020) ACCOUNTING II

Length/Credit: One Semester, Two Hour block, 1 credit

Prerequisite: Accounting I, Open to grade 10-12 Meets CTE or General Elective graduation requirement

Location: Offered at CTE only

Do you want to be the leader in how a business makes a profit? Generate online, automated computerized simulations and Quickbooks reports for detailed payroll records, uncollectible accounts, depreciation, accrued income and expenses, prepaid income and prepaid expenses, record departmental transactions; corporation, partnership, not for profit organization accounting, demonstrate knowledge of cost accounting, managerial accounting and manufacturing accounting.

(ACBA4040) INTERNSHIP

Length/Credit: 200 Hours, 1 credit

Prerequisite: Accounting I, Banking & Credit, Introduction to Financial Services Open to grade 11

Location: Offered at CTE only

Recommendation of the instructor/principal is required, based on established criteria. Successful completion of an internship is a requirement to graduate from the Academy of Finance program.

Payment for 2 college credits through the University of South Dakota.

Real world experience by working with local businesses. Qualified students have the opportunity to complete a hands-on business related internship.

(ACBA4050) BANKING & CREDIT

Length/Credit: One Semester, One Hour block, 0.5 credit (Combined Block with Intro. To Financial Services)

Meets CTE or Social Studies Elective/ Elective graduation requirement

Prerequisite: Accounting I, Open to grade 11 –12

Location: Offered at CTE only

Concurrent credit available for this course.

Do you want to buy and sell stocks by playing the Stock Market Game? Study the principles and practices of banking and credit in the United States; learn about the major functions of banks and other depository institutions, operations and procedures, central banking through the Federal Reserve System and current trends in the banking industry, understand credit functions and operations including credit risk evaluation, loan creation and debt collection. Presentations and network with business community leaders. Prepare for the real work workforce –cover letter, resumes, interviews skills and employer/ee expectations.

ACADEMY OF FINANCE

All State Approved CTE courses meet SD High School graduation requirement.

This is a 2 or 3-year national program designed to prepare students with practical skills to enter the world of business and finance. **Students are able to earn college credits in the Academy of Finance program.** Students should apply in January of their freshman, sophomore, or junior year. The Academy of Finance is located at the Career & Technical Academy (CTE). The program is sponsored by the National Academy Foundation. Financial support for the program is provided by Citibank and numerous local internship sponsors. Successful completion of an internship is required to graduate from the program. These courses satisfy General Electives and Graduation requirements, as noted.

Academy of Finance Course Plan

Sophomore Course Plan:

Fall Semester

Accounting I

Spring Semester

Accounting II

Junior Course Plan:

Fall Semester

Accounting I

Spring Semester

Introduction to Financial Service & Banking/Credit

Senior Course Plan

Fall Semester

Accounting I

Personal Finance

Spring Semester

Accounting II and/or Intro. to Financial Service & Banking/Credit

AP Economics or Economics



(ACBA4070) INTRODUCTION TO FINANCIAL SERVICES

Length/Credit: One Semester, One Hour block, 0.5 credit
(Combined Block with Banking & Credit)
**Meets CTE or Social Studies Elective/
Elective graduation requirement**

Prerequisite: Accounting I, Open to grade 11-12

Location: Offered at CTE only

Payment for 3 college credits through the University of South Dakota.

Concurrent credit available for this course.

Do you want to create your own business and be an Entrepreneur or work for an innovated company? Introduce the various sectors of the financial services industry; learn the nature of the careers found in a particular sector; learn the scope of the work that comprises businesses such as insurance, real estate, public finance, accounting, and the securities industry. Presentations by USD professors and business leaders to build networking and real world experiences in the course.

These courses are part of Academy of Finance but are only offered at WHS, LHS, RHS, and JHS.

(AAB-3110) PERSONAL FINANCE

Please see course description on page 50

(SSS-3040) ECONOMICS

Please see course description on page 50

(SSS-5010) AP MACROECONOMICS

Please see course description on page 51

AGRICULTURE, FOOD, AND NATURAL RESOURCES**(CTG-3010) NATURAL RESOURCES**

Length/Credit: One Semester, Two hour block, 1 credit

Prerequisite: None, Open to grade 10-12

Location: Offered at the CTE Academy only

Natural Resources will give students exposure to our unique prairie pothole ecosystem including plants, fish, wildlife, soils, water, habitat, sustainable agriculture and renewable resources. Our ecosystem is a blend of the natural world and the human-built world and students will learn about the interactions and the management of both worlds in regards to conservation and environmental systems. The emphasis of this class will teach basic and hands-on-principles of the management of water, prairie habitat protection, wetland restoration, erosion prevention and environmental law. Students will be prepared for educational fields in public natural resource management, environmental design and urban ecosystem planning. Each student will be expected to maintain a Supervised Agricultural Experience.

(CTG-3020) PLANT SCIENCE/HORTICULTURE

Length/Credit: One Semester, Two hour block, 1 credit

Prerequisite: None, Open to grade 10-12

Location: Offered at the CTE Academy only

Plant Science/Horticulture is a multi-faceted class that will focus the sustainable use of plants to generate healthy foods, protect the environment and create attractive landscapes. Topics will include plant anatomy, plant identification, plant reproduction, growing operations, weed and pest management and harvesting horticultural plants. Topics to include: vegetable production, fruit production, floriculture, interior plantscapes, turfgrass science, tree and woody plants and landscape design. Students will be prepared for educational fields in turf grass, floral design, greenhouse operations, urban forestry and landscape design. Each student will be expected to maintain a Supervised Agricultural Experience.

(CTG-3030) SMALL ANIMAL SCIENCE

Length/Credit: One Semester, Two hour block, 1 credit

Prerequisite: None, Open to grade 10-12

Location: Offered at the CTE Academy only

Small Animal Science will provide students with comprehensive knowledge of companion animal management and care. The course will focus on dogs, cats, rabbits, birds, rodents and fish – with hands-on-experience and problem-solving animal health and welfare. This class is for the pet owner or an aspiring animal-related professional. Anatomy, nutrition, genetics, grooming, reproduction, behavior, training, handling and veterinary care of small animals will be the focus of this class. Each student will be expected to maintain a Supervised Agricultural Experience.

(CTG-3040) LARGE ANIMAL SCIENCE

Length/Credit: One Semester, Two hour block, 1 credit

Prerequisite: None, Open to grade 10-12

Location: Offered at the CTE Academy only

Large Animal Science is a class that covers farm animal production, horse/equine science, poultry production, dairy and exotic/zoo animals. Students will receive a rich foundation and hands-on experience with feeding, breeding, health and the processing of food products derived from animals. Hands-on-experience with an emphasis on animal physiology, nutrition, reproduction and health science will prepare students for educational fields in technical animal science such as pre-veterinary medicine, livestock management and biotechnology. Each student will be expected to maintain a Supervised Agricultural Experience.

(CTG-3050) AGRICULTURAL LEADERSHIP

Length/Credit: One Semester, Two hour block, 1 credit

Prerequisite: None, Open to grade 10-12

Location: Offered at the CTE Academy only

Effective communication, team building, citizenship and organizational skills will be learned and practiced through FFA activities. Students will be involved in fall FFA contests that involve ag issues, ag sales, employment skills, ag broadcasting, ag communications, parliamentary procedure, extemporaneous speaking, prepared public speaking. Students will continue to develop leadership skills through the study of and interaction with Sioux Falls leaders. The Ag Leadership course is committed to developing the next generation of leaders equipped to address the many challenges and opportunities within the agricultural industry in our local area. Exposure to the agricultural industries and their leaders will be a critical component in developing our next generation of leaders. Each student will be expected to maintain a Supervised Agricultural Experience.

(CTG-3060) AGRICULTURAL BIOTECHNOLOGY

Length/Credit: One Semester, Two hour block, 1 credit

Prerequisite: None, Open to grade 10-12

Location: Offered at the CTE Academy only

Students will experience the fast-paced evolution of technology in growing food. The processes and products of biomaterials and biofuels, technology tools for agriculture efficiency, complex agriculture issues such as pest management, controlling livestock environments, and the demand for food that is locally or organically produced will be featured in this class. Topics such as drones, environmental sensors, GPS navigation, satellite imagery, genetically modified food, cloning and pesticides will be explored with an emphasis of college and career opportunities in this field. Each student will be expected to maintain a Supervised Agricultural Experience.

ARCHITECTURE & CONSTRUCTION

All State Approved CTE courses meet SD High School graduation requirement.

(CTC-3061/3062) CARPENTRY I

Length/Credit: One Year, Two hour block, 1 credit per semester
Prerequisite: None, Open to grade 10-12
Location: Offered at CTE Academy only

Concurrent credit available for this course.

Students will learn to use construction materials, current architecture and construction technologies, equipment and power and hand tools safely. They will be exposed to all aspects of house construction, including the building process, carpentry, plumbing, electrical, drafting, blueprint reading, etc., as they construct an actual home. Students will strengthen core academic content by incorporating these skills into real-world situations encountered in the architecture and construction field, while also learning the value of doing quality work.

(CTC-3081/3082) CARPENTRY II

Length/Credit: One Year, Two hour block, 1 credit per semester
Prerequisite: Carpentry I, Open to grade 10-12
Location: Offered at CTE Academy only

Concurrent credit available for this course.

Students will build upon skills learned in Carpentry I, and develop and refine leadership and supervisory skills through the actual house construction process. Upon completion, students will have a greater understanding of materials used for construction, specialty products, blueprint reading, and the responsibility of supervising an on-site construction crew, as well as be able to estimate costs of home projects. They will also investigate careers related to the architecture and construction career cluster. Students will have the opportunity to participate in an internship experience with a local contractor during second semester of Carpentry II.

(CTC-3090) ADVANCED WOODWORKING AND CABINETMAKING PART I

Length/Credit: One Semester, Two hour block, 1 credit
Prerequisite: None, Open to grade 10-12
Location: Offered at the CTE Academy only

This course provides information on safety, blue print reading, hand tools, power machines, materials, and processes related to the broad field of woodworking and cabinetry. Complete a student-planned project approved by the instructor, demonstrate safe work habits, demonstrate correct tool and machine skills, identify different types of wood, identify and correctly apply finishes. Students will also work as a team to design and build a complete kitchen cabinet system for a house.

(CTC-3092) ADVANCED WOODWORKING AND CABINETMAKING PART 2

Length/Credit: One Semester, Two hour block, 1 credit
Prerequisite: None, Open to grade 10-12
Location: Offered at the CTE Academy only

Perfect your skills while working as a group to construct cabinets for the CTE houses under construction on site. Cabinets for the houses are measured, designed, built, and installed by students in the carpentry II class. The skills learned in this class will prepare students to work in the cabinetry field. Join our industry partners in advanced cabinet construction and make connections that could lead to future employment. There is also time in the class to work on individual projects.

ARTS, A/V TECHNOLOGY & COMMUNICATIONS

All State Approved CTE courses meet SD High School graduation requirement.

(CTA-3010) INTRODUCTION TO ARTS/ A/V TECHNOLOGY & COMMUNICATIONS

Length/Credit: One Semester, Two hour block, 1 credit
This course will fulfill the Fine Arts graduation requirement.
Prerequisite: None, Open to grade 9-12
Location: Offered at CTE Academy only

Earn a full 1.0 credit of FINE ARTS CREDIT in ONE SEMESTER when you enroll in Intro to A/V at the CTE Academy! In Intro to A/V, students will explore all aspects of media production. Projects include: animation, film production, audio production, graphic design, and broadcast production. This class has something for everyone. Explore and create while you earn 1.0 credit of required Fine Arts credits in a single semester. This class serves as the prerequisite to Digital Filmmaking, Broadcast Production, Digital Music, and Digital Animation

(CTA-3020) DIGITAL FILMMAKING & A/V PRODUCTION

Length/Credit: One Semester, Two Hour block, 1 credit
Prerequisite: Intro to Arts/A/V Technology & Com., Open to grade 9-12
Location: Offered at CTE Academy only

Lights, Camera, Action...Digital Filmmaking at CTE offers hands-on experience in acting, directing, camera operation, lighting, costume creation, and sound gathering, production planning, script writing, special effects, etc. Use professional grade equipment as you construct your own demo reel to hit it big in Hollywood. Work in large and small groups to create: music videos, reality shows, and short films. Get a head start on getting your own star on the Hollywood Walk of Fame at the CTE Academy in Digital Filmmaking.

(CTA-3030) BROADCAST PRODUCTIONS

Length/Credit: One Semester, Two Hour block, 1 credit
Prerequisite: Intro to Arts/A/V Technology & Com., Open to grade 9-12
Location: Offered at CTE Academy only

Ever wanted to work LIVE Television? Whether it is sports, concerts, news, style shows, talk shows, or any other LIVE Broadcast, Broadcast Production is the place to be! Designed to get high school students the experience they need to work in the LIVE Broadcasting industry, students will be prepared to enter the workforce straight out of high school. Broadcast Production projects include: sports production, news broadcast, gameshow production, live music production, cooking shows, or whatever idea you may have. All student projects air on KLRN-TV! Great class for those looking to build LIVE Broadcasting skills.

CTA-3040) DIGITAL MUSIC PRODUCTION

Length/Credit: One Semester, Two Hour block, 1 credit
Prerequisite: Intro to Arts/A/V Technology & Com., Open to grade 9-12
Location: Offered at CTE Academy only

Want to make your own record? In this class, turning your music down is not always required! Students will develop the technical skills to operate the necessary equipment to take their music from concept to completion. Students will develop knowledge of the business of music, music copyright, and the use of electronic music in the Entertainment Business, Computer Gaming, Internet Technology and Music Production fields. The Digital Music Production course provides students the basic knowledge and technical skills needed to prepare them for post-secondary study or entry-level employment in the Digital Music Production industry.

CTE: Architecture & Construction

CTE: Arts, A/V Tech

CTE: Arts, AIV Tech

(CTA-3050) DIGITAL ANIMATION
Length/Credit: One Semester, Two Hour block, 1 credit
Prerequisite: Intro to Arts/A/V Technology & Com.,
 Open to grade 9-12

Location: Offered at CTE Academy only
 Put your art in motion with Digital Animation at CTE Academy! Create completely original 2D and 3D cartoons as you get your head start in the animation industry. Using industry standard software, students will learn skills to be successful in a variety of animation industries. Projects include: 2D animation, special effects, 3D modeling, 3D animation, etc. Whether you want to do art on video games, voice acting in major motion pictures, or work at Pixar, Digital Animation at the CTE Academy is a great place to jump start your animation career.

The Media Production Internship will be offered through the Senior Capstone experience as described at the end of the CTE Academy course listings.

AUTOMOTIVE TRANSPORTATION, DISTRIBUTION & LOGISTICS

All State Approved CTE courses meet SD High School graduation requirement.

Introduction to Vehicle Systems & Maintenance (AAT-3010) (formerly Auto Tech I), offered at the home high schools, is a prerequisite for the specialized, advanced auto tech courses offered at the CTE Academy. The introduction course is a one semester course and students can earn one half credit.

(CTL-3010) AUTOMOTIVE BRAKES
Length/Credit: One Semester, Two hour block, 1 credit
Prerequisite: Intro. to Vehicle Systems & Maintenance
 Offered to grade 9-12

Location: Offered at the CTE Academy only
 This course provides students a chance to work on their own vehicles while learning the basic skills necessary to diagnose and repair various brake systems. Students will learn about drum brakes, disc brakes and parking brakes. They will also learn about the latest in anti-lock brakes, automatic braking and electronic control systems. Students will use the latest computers and equipment to analyze data and work on vehicles under actual conditions.

(CTL-3020) AUTOMOTIVE SUSPENSION & STEERING

Length/Credit: One Semester, Two hour block, 1 credit
Prerequisite: Intro. to Vehicle Systems & Maintenance
 Offered to grade 9-12

Location: Offered at the CTE Academy only
 During this class, students will learn to diagnose and repair steering and suspensions components while working in an actual shop environment. They will learn everything related to the steering and suspension to include conducting four wheel alignments, mounting and balancing tires and replacing components such as springs, shocks and ball joints. Students will have an opportunity to work on their own vehicles during this class.

CTE: Auto Body

(CTL-3030) AUTOMOTIVE ELECTRONICS
Length/Credit: One Semester, Two hour block, 1 credit
Prerequisite: Intro. to Vehicle Systems & Maintenance
 Offered to grade 10-12

Location: Offered at the CTE Academy only
 Students will learn the basic principles of electricity including the repair and servicing of electric circuit boards and components. They will also learn how to test and diagnose starting systems, charging systems, and electronic engine. Students will use up-to-date equipment and computers to analyze data, learn to work on audio and air conditioning systems and learn the latest in modern electrical. They will have the opportunity to work on their own vehicles.

(CTL-3040) AUTOMOTIVE ENGINE PERFORMANCE

Length/Credit: One Semester, Two hour block, 1 credit
Prerequisite: Intro. to Vehicle Systems & Maintenance
 Offered to grade 9-12

Location: Offered at the CTE Academy only
 Students will assemble an automotive engine, while learning the fine details of diagnosis related to engine performance. Students will learn about the six basic systems related to an automotive engine (air induction, fuel system, ignition system, lubrication system, cooling system, and exhaust system). Students will test electronic engine controls and perform computer diagnostics, use up-to-date equipment and computers to analyze data. Students will use industry accepted equipment and practices to work on automobiles under actual shop conditions. Students will have the opportunity to work on their own vehicles.

(CTL-3090) DIESEL TECHNOLOGY
Length/Credit: One Semester, Two hour block, 1 credit
Prerequisite: Intro to Vehicle Systems & Maintenance,
 Offered to grade 11-12

Recommended: Automotive Engine Performance
Location: Offered at the CTE Academy only
 This is an advanced automotive class that will expose students to diesel technology and careers in the related fields. Topics in this course include light duty diesel engine principles of operation and components, diagnostics and repair. They will also learn about related diesel systems such as electrical, fuel and starting systems, power trains, and hydraulics. Students will gain experience in how to apply and use tools and equipment which are used throughout the industry and in post-secondary level programs. This course is approved for dual credit as post-secondary institutions in SD.

AUTO BODY

All State Approved CTE courses meet SD High School graduation requirement.

(CTL-3050) AUTO BODY REPAIR AND ESTIMATING

Length/Credit: One Semester, Two hour block, 1 credit
Prerequisite: None, Open to grade 9-12
Location: Offered at the CTE Academy only

Students will learn about and demonstrate an understanding of the processes involved in basic automotive collision repair and estimating. This includes understanding industry definitions, demonstrating safety practices, understanding and demonstrating repair procedures, identifying the tools and how to use them, and completing written and computerized estimates. Students will get an introduction to procedures performed at body shops on a daily basis. Students will also explore the different careers available in the collision repair field.

CTL-3060) AUTO BODY STRUCTURAL ANALYSIS & DAMAGE REPAIR

Length/Credit: One Semester, Two hour block, 1 credit
Prerequisite: Introduction to Auto Body Repair and Estimating
 Open to grade 9-12

Location: Offered at the CTE Academy only
 Students will learn about and demonstrate an understanding of the processes involved in frame and structural repair. This includes understanding frame components and frame inspection, and demonstrating automotive technology safety practices, understanding and demonstrating correct repair and welding procedures and replacing windshields and glass. Students will explore the different careers available in the transportation career cluster and develop leadership skills.

(CTL-3070) AUTO BODY NONSTRUCTURAL ANALYSIS & DAMAGE REPAIR

Length/Credit: One Semester, Two hour block, 1 credit
Prerequisite: Introduction to Auto Body Repair and Estimating
 Open to grade 9-12

Location: Offered at the CTE Academy only
 Students learn to inspect, analyze, repair and replace nonstructural components. Students will determine the extent of damage to aluminum body panels and then repair or replace in accordance with manufacturer’s specifications. Students will weld damaged or torn steel body panels, repair broken welds, and replace door skins according to manufacturer’s procedures. Students will also finish and refinish more complex damage.

(CTL-3080) AUTO BODY PAINTING AND REFINISHING

Length/Credit: One Semester, Two hour block, 1 credit
Prerequisite: Introduction to Auto Body Repair & Estimating, and Auto Body Structural Analysis & Damage Repair, or Auto Body Nonstructural Analysis & Damage Repair
 Open to grade 10-12

Location: Offered at the CTE Academy only
 Students will demonstrate an understanding of the processes used in painting and refinishing, in accordance with the local, state, and federal safety and environmental regulations. Students will learn to apply basecoat/clear coat for panel blending or partial refinishing to achieve invisible repair. Students will identify the types of rigid, semi-rigid or flexible plastic parts to be refinished; determine the materials, preparation, and refinishing procedures needed and apply multi-stage (tri-coat) coats for panel blending or overall refinishing. Students will inspect spray equipment to ensure compliance with applicable regulations, and for safety and cleanliness hazards. Students will learn to properly use the NIOSH approved personal sanding respirator and personal painting/refinishing respirator system. Select and use the proper personal safety equipment for various shop operations.

AVIATION

All State Approved CTE courses meet SD High School graduation requirement.

(CTF-3000) AVIATION I

Length/Credit: One Semester, Two hour block, 1 credit
Prerequisite: None, Open to grade 9-12
Location: Offered at the CTE Academy only
 This course provides students with an understanding of aviation history and possible career paths within the aviation industry. It also covers the basic introduction to relationships of weight and balance, principles of navigation and flight control, ground and airport operations and services, and Federal Aviation Agency regulations.

(CTF-3010) AVIATION II

Length/Credit: One Semester, Two hour block, 1 credit
Prerequisite: Aviation I, Open to grade 11-12
Location: Offered at the CTE Academy only
 The course provides students with the first step towards a Private Pilot’s license or Part 107-Drone Certification. Students will learn basic history of aviation, aircraft type/design, air density, forces of flight, propulsion, airframes, avionics/flight instruments, possible career paths within the aviation industry, and Federal Aviation Agency regulations.

(CTF-3020) AVIATION III

Length/Credit: One Semester, Two hour block, 1 credit
Prerequisite: Aviation I (*do not need to take Aviation II first*), Open to grade 11–12
Location: Offered at the CTE Academy only
 This course provides students with the final step towards a Private Pilot’s license or Part 107-Drone Certification. Students will learn about the flight environment, weather in aviation, airports, navigation/aeronautical charts, aircraft performance, flight medical issues, possible career paths within the aviation industry, and Federal Aviation Agency regulations.

HEALTH SCIENCE

All State Approved CTE courses meet SD High School graduation requirement.

(CTS-3010) HEALTH CAREERS I

Length/Credit: One Semester, Two hour block, 1 credit
Prerequisite: None, Open to grade 10-12
 CTE elective or Science elective
Recommended: Biology, Anatomy, & Physiology
Location: Offered at the CTE Academy only
 Students will explore a wide variety of health-related careers by learning and demonstrating basic patient care skills, professional qualities and characteristics, teamwork, and critical thinking. Anatomy, physiology, pathophysiology (disease processes), medical terminology will be learned and applied throughout this course. Certified Nursing Assistant skills will be taught. The student will also have the opportunity to explore different areas of health care by attending field trips and listening to guest speakers who work in the healthcare industry.

CTE: Auto Body

CTE: Aviation

CTE: Health Science

(CTS-3020) HEALTH CAREERS II
Length/Credit: One Semester, Two hour block, 1 credit
Prerequisite: Health Careers I, earned a “C” or better, Immunizations, vaccines, background check
Open to grade 11-12
Location: Offered at the CTE Academy only
Students are responsible for providing their own transportation to the internship sites and must be at least 16 years old. At the start of the semester. Immunizations as required by healthcare partners. Students completing Health Careers I and II with a minimum grade of a B qualify to take the South Dakota state CNA examination. The cost of the CNA exam is the student’s responsibility.

Classroom instruction will include CPR certification, medical math, human growth and development, surgical instruments, safety, dental, geriatrics, and pharmacology. Students will also explore interests in various health-related careers during a 10-week internship, in long-term care and acute care setting. The students will apply the basic entry-level health care skills learned in Health Careers I to their internship experience and gain insight into health-related careers. Medical terminology will be utilized throughout this course using journaling and case studies.

**Project Lead the Way®
 Biomedical Sciences™ Program**

*The Project Lead The Way® Biomedical Sciences™ program is divided into four courses, each section building upon the previous. This dynamic program uses hands-on, real-world problems to engage and challenge students. Students interested in pursuing a career in medicine will find the PLTW Biomedical Sciences™ program a great introduction to numerous healthcare fields. *Additional information can be found at the pltw.org website.*

**(CTS-3030) PLTW BIOMED I
 PRINCIPLES OF BIOMEDICAL
 SCIENCE™**

Length/Credit: One Semester, Two hour block, 1 credit
CTE elective or Science Elective
Prerequisite: None, Open to grade 10-12
Location: Offered at the CTE Academy only
Students must be concurrently enrolled in college prep math and science classes in order to enroll in this class. College credit is available for students passing the end-of-course assessment. Student must complete Principles of Biomedical and Human Body Systems in order to earn college credit through Augustana. This course meets the requirement for the 4th year science requirement for the South Dakota Opportunity Scholarship. This course may count for CTE or lab science elective credit.

Medical cases, scenarios, and hands-on experiences allow students to develop skills and knowledge in the fields of biology, anatomy & physiology, genetics, microbiology, and epidemiology. Students explore a vast range of medical science careers while learning about crime scene investigation, autopsy, vital signs, medical history, emergency response, and patient diagnosis. This course builds the foundation for subsequent Biomed courses.

**(CTS-3040) PLTW BIOMED II
 HUMAN BODY SYSTEMS™**

Length/Credit: One Semester, Two hour block, 1 credit
CTE elective or Science elective
Prerequisite: Principles of Biomedical Sciences™
Biomed I PLTW
Open to grade 10-12
Location: Offered at the CTE Academy only
Student must complete Principles of Biomedical and Human Body Systems in order to earn college credit through Augustana. This course meets the requirement for the 4th year science requirement for the South Dakota Opportunity Scholarship. This course may count for CTE or lab science elective credit.

Students examine the interactions of body systems as they explore identity, communication, power, movement, protection, and homeostasis in the body. Exploring science, students build organs and tissues on a skeletal Maniken®. Students investigate the structures and functions such as muscle movement, reflex and voluntary action, and respiration. In Human Body Systems, students take on the role of biomedical professionals to solve medical mysteries.

**(CTS-3050) PLTW BIOMED III
 MEDICAL INTERVENTIONS™**

Length/Credit: One Semester, Two hour block, 1 credit
CTE elective or Science elective
Prerequisite: Human Body Systems™ Biomed II PLTW
Open to grade 11-12
Location: Offered at the CTE Academy only
This course may count for CTE or lab science elective credit. This course does not meet the requirement for the 4th year science for the South Dakota Opportunity Scholarship..

Students follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection; screen and evaluate the code in human DNA, evaluate cancer treatment options, and prevail when the organs of the body begin to fail. Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics. Each family case scenario will introduce multiple types of interventions and will reinforce concepts learned in the previous two courses, as well as present new content.

**(CTS-3080) EMERGENCY MEDICAL
 TECHNICIAN-BASIC COURSE**

Length/Credit: One Semester, Two hour block, 1 credit
Prerequisite: Human Body Systems Biomed II PLTW™, or Health Careers I or Anatomy/Physiology
Open to grade 12
Location: Offered at the CTE Academy only

This course prepares students to provide basic emergency medical care and transportation for critical and emergent patients who access the emergency medical system. Students interested in pursuing a career in health care will be able to get hands-on patient care practice during the Saturday morning skills labs held once a month and have the chance to witness a variety of people who work in emergency medicine during the required 12 hours of observation. During the intense didactic portion of the class, students will make connections between the biomedical science they have been learning and the practical application of patient care in the pre-hospital setting. Students will be required to complete the psychomotor skills test and computer-based test in order to earn their NREMT certification. **The cost of the computer-based NREMT exam is the student’s responsibility.**

HOSPITALITY, TOURISM, & CULINARY ARTS

(All State Approved CTE courses meet SD High School graduation requirement.)

(CTT-3020) CULINARY/RESTAURANT MGMT I (PROSTART 1)

Length/Credit: One Semester, Two hour block, 1 credit
Prerequisite: None, Open to grade 9-12
Location: Offered at the CTE Academy only
Students will have the opportunity to earn possible scholarships and meet articulation agreements for numerous culinary schools across the country. Students will also have the opportunity to become ServSafe certified.

The ProStart Program is an industry-based program that prepares students for careers in the restaurant and foodservice industry. Students gain valuable skills through their academic, lab and workplace experiences, lab participation and guest chef demonstrations. ProStart I topics include: Food & Workplace Safety, Kitchen Equipment & Techniques, Stocks, Sauces, Soups, Salads, Sandwiches, Pizza, Serving Your Guests, Building a Successful Career, Management Essentials, and an Introduction to Baking.

(CTT-3030) CULINARY/RESTAURANT MGMT II (PROSTART 2)

Length/Credit: One Semester, Two hour block, 1 credit
Prerequisite: ProStart 1, Open to grade 9-12
Location: Offered at the CTE Academy only
Students will have the opportunity to earn possible scholarships and meet articulation agreements for numerous culinary schools across the country. Students will also have the opportunity to compete at ProStart and SkillsUSA state competitions.

The ProStart Program is an industry-based program that prepares students for careers in the restaurant and foodservice industry. Students gain valuable skills through their academic, lab and workplace experiences, lab participation in addition to guest chef demonstrations. ProStart II topics include: Breakfast Cookery, Meat, Poultry, Seafood, Desserts & Baked Goods, Nutrition, Marketing, and Restaurant Management Essentials.

(CTT-3040) BAKING AND PASTRIES

Length/Credit: One Semester, Two hour block, 1 credit
Prerequisite: None, Open to grade 9-12
Location: Offered at the CTE Academy only
Students will have the opportunity to compete in SkillsUSA Commercial Baking competition.

Students will gain the fundamental skills necessary to work in a commercial bakery as well as skills needed to help them become proficient home bakers while enrolled in Baking and Pastry class. Students will gain valuable knowledge about this career field through class work and hands-on lab based training. Students will also have the opportunity to learn from industry professionals through demonstrations, field experiences, and guest speakers. Area studies will include breads, pies, cakes, pastries, cookies and much more.

HUMAN SERVICES

All State Approved CTE courses meet SD High School graduation requirement.

All Human Services classes study confidentiality and are CPR/AED trained. A personal resume is prepared in the Intro to Human Services class.

Transportation to all job shadows is to be provided by parents or student themselves.

(CTH-3010) INTRO TO HUMAN SERVICES

Length/Credit: One Semester, Two hour block, 1 credit
Prerequisite: None, Open to grade 10-12
Location: Offered at the CTE Academy only

Students will participate in two job shadow experiences.
 This course explores people-oriented occupations that require training in areas such as human development, professionalism, and employment skills. Students will identify possible career paths suitable to their strengths, skills, and talents through shadow experiences, guest speakers, industry tours, and activities. Students will leave the class with both a resume and a portfolio.

(CTH-3020) GUIDING YOUTH & FAMILIES

Length/Credit: One Semester, Two hour block, 1 credit
Prerequisite: None, Open to grade 10-12
Location: Offered at the CTE Academy only

Students will participate in two job shadow experiences.
 Do you enjoy working with small or large groups of people? Students will explore careers related to working directly with individuals of all ages. Classroom activities, guest speakers, field trips, and shadow experiences will expose students to topics such as relationships, teen and family issues, ethics and legal issues, social problems, and community resources.

(CTH-3030) PERSONAL SERVICES

Length/Credit: One Semester, Two hour block, 1 credit
Prerequisite: None, Open to grade 10-12
Location: Offered at the CTE Academy only

This course is a great choice for future physical therapists, personal trainers, dieticians, massage therapists, cosmetologists, event planners, etc. Students will explore topics such as communications strategies, advertising, and consumer services related to working with individuals of all ages. Students will identify possible career paths through industry tours, guest speakers, and activities.

CTE: Hospitality

CTE: Human Services

CTE: Info Tech./Comp. Sci.

INFORMATION TECHNOLOGY/ COMPUTER SCIENCE

(All State Approved CTE courses meet SD High School graduation requirement.)

(CTN-3010) COMPUTER HARDWARE AND SOFTWARE

Length/Credit: One Semester, Two hour block, 1 credit
Prerequisite: None, Open to grade 10-12
Location: Offered at the CTE Academy only
Concurrent credit available for this course.

Imagine building a computer then connecting it securely to a network. This exciting first step could lead to a rewarding IT career. Because a sure way to excel—no matter which area of IT you choose—is to learn the right computer fundamentals. IT Essentials covers this area well as shares the career skills needed for entry-level IT jobs. You'll enjoy working with Cisco Networking Academy advanced simulation tools and having multiple hands-on labs that hone your troubleshooting skills. Students meeting requirements and applying for Dual Credit within the first week can receive college credit.

(CTN-3020) NETWORK TECHNOLOGIES

Length/Credit: One Semester, Two hour block, 1 credit
Prerequisite: Computer Hardware and Software Open to grade 10-12
Location: Offered at the CTE Academy only
Concurrent credit available for this course.

Begin preparing for a new networking career with this introduction to how networks operate. This course introduces architectures, models, protocols, and networking elements—functions needed to support the operations and priorities of Fortune 500 companies to small innovative retailers. You'll even get the chance to build simple local area networks (LANs) yourself. You'll have a working knowledge of IP addressing schemes, foundational network security, and be able to perform basic configurations for routers and switches. Students meeting requirements and applying for Dual Credit within the first week can receive college credit.

(CTN-3030) CYBERSECURITY™ PLTW

Length/Credit: One Semester, Two hour block, 1 credit
Prerequisite: None, Open to grade 9-12
Location: Offered at the CTE Academy only
Concurrent credit available for this course.

Cyber Security will explore the field of computer security. It covers fundamental issues and first principles of security and information assurance. The course will look at the security policies, models and mechanisms related to confidentiality, integrity, authentication, identification, and availability issues related to information and information systems. Other topics covered include basics of cryptography (e.g., digital signatures) and network security (e.g., intrusion detection and prevention), risk management, security assurance and secure design principles, as well as e-commerce security. Issues such as organizational security policy, legal and ethical issues in security standards and methodologies for security evaluation and certification will also be covered. Students meeting requirements and applying for Dual Credit within the first week can receive college credit.

CTE: Manufacturing & Welding

CTE: Engineering & Robotics

MANUFACTURING & WELDING

All State Approved CTE courses meet SD High School graduation requirement.

(CTM-3220) WELDING II

Length/Credit: One Semester, Two hour block, 1 credit
Prerequisite: Welding I, Open to grade 9-12
Location: Offered at the CTE Academy only
Concurrent credit available for this course.

Students will improve work and safety skills taught in Welding I; make and use workable plans for school and personal projects; improve out-of-position welding skills with S.M.A.W. (Shielded Metal Arc Welding), G.T.A.W. (Gas Tungsten Arch Welding) and G.M.A.W. (Gas Metal Arc Welding); become proficient in use of plasma cutter and wire feed welding processes. Students will prepare for Advanced Welding by accomplishing pre-hiring paperwork, such as resume, OSHA safety training, and interview skills.

(CTM-3230) ADVANCED WELDING & FABRICATION

Length/Credit: One Semester, Two hour block, 1 credit
Prerequisite: Welding I & II, Open to grade 11-12
Location: Offered at the CTE Academy only
This course is intended to prepare students for their American Welding Society exam.
Concurrent credit available for this course.

Students will be exposed to gas tungsten arc welding, aluminum welding, gouging, blueprint reading, and heavy duty welding applications for large scale welding projects. Students will be expected to shadow a professional in the field to understand the physical attributes of the career and will be eligible to participate in a field experience.

ENGINEERING & ROBOTICS

All State Approved CTE courses meet SD High School graduation requirement.

(CTE-3120) INTRODUCTION TO ROBOTICS

Length/Credit: One Semester, Two hour block, 1.0 credits
Intro to Robotics (1 cr.)
Prerequisite: None, Open to grade 9-12
Location: Offered at the CTE Academy only

This course is designed to introduce students to the basics of robotics as it teaches science, technology, engineering, and mathematics (STEM). Students will learn how to use feedback from sensors, applied mathematics and measurement to program their robot to navigate in its environment. Students will have the opportunity to complete multiple challenges involving guided research, problem solving and working in teams.

Project Lead the Way® Pathway to Engineering Program

The PLTW engineering program provides students the opportunity to earn up to 12 college credits while developing critical thinking skills through hands-on project-based learning, preparing them to take on real-world challenges. Students use cutting-edge technology, equipment and materials to complete engaging projects such as the design of an alternative energy project, and applying biological and engineering concepts related to biomechanics. **Students should be concurrently enrolled in college preparatory math and science courses.** Students can earn college credit towards an engineering degree while in high school.

**Additional information can be found at the pltw.org website.*

(CTE-3010) ENGINEERING I- INTRODUCTION TO ENGINEERING DESIGN™ PLTW

Length/Credit: One Semester, Two hour block, 1 credit
Prerequisite: Algebra I, Open to grade 9-12
Recommended: Concurrently enrolled in Geometry
Location: Offered at the CTE Academy only

Students use an engineering design process to improve existing products and invent new products that will eventually be manufactured or produced. They learn how to apply this process to solve problems in and out of the classroom. Using real world, sophisticated three-dimensional modeling software, students communicate the details of the products and will have the opportunity to create prototypes using our 3-D printer. Students will also solve problems and develop robotics systems using VEX Robotics.

(CTE-3020) ENGINEERING II- PRINCIPLES OF ENGINEERING™ PLTW

Length/Credit: One Semester, Two hour block, 1 credit
Prerequisite: Geometry & Intro. to Engineering Design, Open to grade 10-12
Location: Offered at the CTE Academy only

This course meets the fourth year science requirement for the South Dakota Opportunity Scholarship.

Students will learn about major engineering concepts encountered in a college engineering curriculum. They will apply knowledge of engineering concepts as they tackle real-world engineering design problems. Students will conduct destructive testing as they learn about material properties. They will design and build truss systems and determine the point of failure. Students will learn to incorporate basic electronics and computer programming into the design of automated systems using VEX Robotics.

(CTE-3030) ENGINEERING III- DIGITAL ELECTRONICS PLTW

Length/Credit: One Semester, Two hour block, 1 credit
Prerequisite: Principles of Engineering™
 Open to grade 10-12

Location: Offered at the CTE Academy only

Digital electronics is the foundation of all modern electronic devices such as cellular phones, MP3 players, laptop computers, digital cameras, and high-definition televisions. The focus of Digital Electronics is to expose students to the design process of combinational and sequential logic design, key elements of careers in engineering. Students design circuits to solve problems, export their designs to generate printed circuit boards, and use appropriate components to build their designs.

(CTE-3080) ENGINEERING IV- PRINCIPLES OF DESIGN & DEVELOPMENT(EDD)™ PLTW

Length/Credit: One Semester, Two hour block, 1 credit
Prerequisite: Principles of Engineering™
 Open to grade 11-12

Location: Offered at the CTE Academy only

Students in this engineering design course work in teams to research, design, test and construct a solution to an open-ended engineering problem. The team presents and defends their solution to a panel of outside reviewers at the conclusion of the course. The EDD course allows students to apply all the skills and knowledge learned in previous Project Lead the Way courses.

INTEGRATED CORE CONTENT COURSES

CTE Academy students have the opportunity to earn core content credit in the following courses in addition to their CTE course. Students will be required to meet periodically and complete additional coursework outside of their regular CTE block of time to meet all course standards and earn credit. Earning credit is accomplished through augmenting the approved CTE curriculum to meet core standards through separate small group instruction, an on-line component, and/or Podcasting. Successful completion of the additional coursework will require a high level of student responsibility and motivation, as much of the work will be done on an individual basis. Students taking core content courses will also benefit from more flexibility in scheduling courses toward graduation.

(LASA3010) INTEGRATED SPEECH

Length/Credit: One Semester, .5 credit
Prerequisite: None, Open to grade 9-12
Location: Offered at the CTE Academy

This course fulfills Speech requirement.

There may be some additional work required of the student outside the regular day such as research and speech preparation.

All CTE students have the option to take Integrated Speech in addition to their CTE course. Students will earn the regular Speech credit through CTE. The course uses a combination of online learning and individualized speech coaching. As needed, students are provided with direct instruction. Students are responsible to self-manage assignments and presentations by using the online resources to practice and prepare their presentations. All presentations are given to the Speech instructor using the CTE course as the basis for content. The instructor provides resources and feedback for the student to improve his/her oral communication skills. This course fulfills the Speech standards as outlined in the district curriculum.

(LACA3020) INTEGRATED RESEARCH & TECHNICAL WRITING

Length/Credit: One semester, .5 credit
Prerequisite: None, Open to grade 10-12
Location: Offered at the CTE Academy

This course counts as an English elective for graduation requirements.

All CTE students have the option to take Integrated Research & Technical Reading and Writing in addition to their CTE course. Students will earn the regular English elective credit through CTE. The course uses a combination of online learning and individualized instruction. This course works to build reading fluency skills, student success strategies, and skills related to the type of technical writing utilized in the professional world. Students are responsible to self-manage assignments and project work by using the online resources to practice and prepare their submissions. All products are submitted to the instructor using the CTE course as the basis for content. The instructor provides resources and feedback for the student in an effort to grow his/her skills.

CTE: Core Content

(LACA3040) INTEGRATED CREATIVE WRITING

Length/Credit: One Semester, .5 credit
Prerequisite: None, Open to grade 11-12
Location: Offered at the CTE Academy
This course counts as an English elective for graduation requirements.

Students may earn an elective English credit toward graduation. They are responsible to self-manage assignments and writings by using the online resources to practice and prepare their submissions; including various kinds of writing; interact with others to develop ideas for writing; use imagination, creativity, and technology in writing; share, edit and revise personal writing; and evaluate strengths and weaknesses of writers; and submit pieces for publication. The course is a combination of online learning, mini-workshop sessions, and individualized instruction.

(LACA4020) INTEGRATED COLLEGE PREP ENGLISH

Length/Credit: One Semester, 0.5 credit
English Elective
Prerequisite: None, Open to grade 11-12
Location: Offered at CTE Academy
This course counts as an English elective for graduation requirements.

Recommended for the college-bound senior.

A college bound class geared towards applicable writing and communication standards for seniors seeking post-secondary education. Focus will be placed on collaborative and individual work that incorporates the narrative process, compare/contrast, analysis, college/military and workplace centered writing, argumentative critical thinking skills incorporated in ethical/social awareness, evaluate, organize, and integrate writing and research skills all while demonstrating the proper use of mechanics and English grammar language skills.

CTE CAPSTONE

The CTE Capstone Experience is available to CTE Academy students in all program areas during their junior or senior year.

All State Approved CTE courses meet SD High School graduation requirement.

Completion of a capstone experience will vary depending upon the student's post secondary plan, experience, skills, and ability to learn tasks and responsibilities.

(CTI-3010) SENIOR EXPERIENCE CAPSTONE
Length/Credit: One Semester, 1.0 credit
Prerequisite: Completion of or concurrent enrollment in a CTE program at the Academy, Open to grade 12

Students will create a portfolio, develop a product, and complete a research paper and oral presentation related to their future career goals. They will have a faculty advisor to assist in topic selection, supervision of progress and completion of project.

(CTI-3020) ENTREPRENEURSHIP EXPERIENCE CAPSTONE
Length/Credit: One Semester, 1.0 credit
Prerequisite: Completion of or concurrent enrollment in a CTE program at the Academy Open to grade 11-12

The entrepreneurial experience includes the development of a business plan, portfolio and oral presentation related to a potential business idea of interest. Students will have a faculty advisor to assist in topic selection and supervision of progress, and a local entrepreneur to serve as a mentor.

(CTI-3030) YOUTH INTERNSHIP CAPSTONE I
Length/Credit: One Semester, 1.0 credit
Prerequisite: Completion of at least 1 credit of a CTE Academy program or Teacher Pathway courses, open to students age 16+ and in grade 11-12

Students will gain real world experience in a career field that aligns with their career cluster of interest. They will spend a predetermined amount of hours at an appropriate work setting learning and being evaluated by specific competencies and industry-based standards. Students will also complete school assignments related to worksite activities, including daily logs, reflections and a portfolio. *The classroom teacher and an employment supervisor share in instruction and supervision of the students involved in internship.*

(CTI-3040) YOUTH INTERNSHIP CAPSTONE II
Length/Credit: One Semester, 1.0 credit
Prerequisite: Completion of at least 1 credit of a CTE Academy program or Teacher Pathway courses, open to students age 16+ and in grade 11-12, Youth Internship I

Students will gain real world experience in a career field that aligns with their career cluster of interest. They will spend a predetermined amount of hours at an appropriate work setting learning and being evaluated by specific competencies and industry-based standards. Students will also complete school assignments related to worksite activities, including daily logs, reflections and a portfolio. The classroom teacher and an employment supervisor share in instruction and supervision of the students involved in internship.

(CTI-3050) YOUTH INTERNSHIP CAPSTONE III
Length/Credit: Completion of at least 1 credit of a CTE Academy program or Teacher Pathway courses, open to students age 16+ and in grade 11-12, Youth Internship II

Students will gain real world experience in a career field that aligns with their career cluster of interest. They will spend a predetermined amount of hours at an appropriate work setting learning and being evaluated by specific competencies and industry-based standards. Students will also complete school assignments related to worksite activities, including daily logs, weekly summaries and a portfolio. The classroom teacher and an employment supervisor share in instruction and supervision of the students involved in internship.

(CTI-3060) YOUTH APPRENTICESHIP
Length/Credit: One Semester, 1 credit
Prerequisite: None, Open to grade 11-12

Youth Apprenticeship helps students gain work experience while earning a wage with a registered sponsor. An apprenticeship is designed for students to acquire hands-on job skills in a specific occupational area. Their experience will be gained through a career site and classroom instruction. Students earn high school credit as well as hours towards a registered apprenticeship. At the completion of the high school apprenticeship program, students can continue their apprenticeship to earn a nationally recognized credential. Youth Apprenticeship differs from an internship in that apprenticeships guarantee students receive a wage, hours towards a registered apprenticeship and the opportunity to receive a nationally recognized credential at the completion of the registered apprenticeship program.

CTE Capstone

Jefferson High School's Project Based Learning Academy

Real Projects • Real World • Real Learning



JHS PBL Academy

JHS Project Based Learning Academy
Course of Study

| | 9th 4 credits PBL | 10th 4 credits PBL | 11th 3 credits PBL | 12th 2 credits PBL |
|-----------------------|---|--|---|--|
| English | PBL Humanities I (English I, Speech & World Geography) | PBL Humanities II (English II, Global Issues & World History) | PBL American Experience (English III, US History & American Film History) | Elective, AP or Dual Enrollment Options |
| Social Studies | | | | PBL Government |
| Science | PBL Science (Biology or Chemistry) | PBL Science (Physics or Chemistry) | Choose either/both PBL Math PBL Science | Elective, AP or Dual Enrollment Options |
| Math | PBL Math (Algebra or Geometry) | PBL Math (Geometry or Algebra II) | Choose either/both PBL Math PBL Science | Elective, AP or Dual Enrollment Options |
| Electives | students can choose any electives | | | PBL elective PBL elective PBL elective |

Dual Credit Options: Juniors and Seniors are encouraged to take Dual Credit college courses through SD Technical Schools and Universities at a reduced rate of \$49 per credit.

Why Project Based Learning?

- Teams of students work in a technology rich environment- researching, communicating, and solving real-world problems in our community.
- PBL brings relevance to learning.
- PBL prepares students to succeed at work, college, and in a global society.

WASHINGTON, LINCOLN, ROOSEVELT, & JEFFERSON HIGH SCHOOLS

AA: Acad. Of Finance

APPLIED ARTS/CAREER & TECHNICAL EDUCATION

ACADEMY OF FINANCE, BUSINESS AND MARKETING EDUCATION, FAMILY AND CONSUMER SCIENCE, TECHNOLOGY EDUCATION

Some elective courses listed may not be offered if not justified by sufficient enrollment.

ACADEMY OF FINANCE

All State Approved CTE courses.

These courses may receive concurrent credit to the South Dakota Public Technical Schools.

This is a 2 or 3-year national program designed to prepare students with practical skills to enter the world of business and finance. **Students are able to earn college credits in the Academy of Finance program.** Students should apply in January of their freshman, sophomore, or junior year. The Academy of Finance is located at the Career & Technical Academy (CTE). The program is sponsored by the National Academy Foundation. Financial support for the program is provided by Citibank and numerous local internship sponsors. Successful completion of an internship is required to graduate from the program. These courses satisfy General Electives and Graduation requirements, as noted.

Academy of Finance Course Plan

Sophomore Course Plan:

Fall Semester

Accounting I

Spring Semester

Accounting II

Junior Course Plan:

Fall Semester

Accounting I

Spring Semester

Introduction to Financial Service & Banking/Credit

Senior Course Plan

Fall Semester

Accounting I

Personal Finance

Spring Semester

Accounting II and/or Intro. to Financial Service & Banking/Credit

AP Economics or Economics

(ACBA4010) ACCOUNTING I

Length/Credit: One Semester, for Two Hour block at CTE

Prerequisite: None, Open to grade 10-12 Meets CTE or General Elective graduation requirements

Location: CTE

Students meeting requirements, applying for credit within first week can earn concurrent credit

Do you like money? Learn how to record business transactions by using online, automated software and simulations. Introduction to accounting concepts through sole proprietorship, partnerships and corporations. Record business transactions; prepare financial records for small business; learn business foundations for professional or personal use.

(ACBA4020) ACCOUNTING II

Length/Credit: One Semester, Two Hour block, 1 credit
Prerequisite: Accounting I, Open to grade 10-12 Meets CTE or General Elective graduation requirement

Location: Offered at CTE only

Do you want to be the leader in how a business makes a profit? Generate online, automated computerized simulations and Quickbooks reports for detailed payroll records, uncollectible accounts, depreciation, accrued income and expenses, prepaid income and prepaid expenses, record departmental transactions; corporation, partnership, not for profit organization accounting, demonstrate knowledge of cost accounting, managerial accounting and manufacturing accounting.

(ACBA4050) BANKING & CREDIT

Length/Credit: One Semester, One Hour block, 0.5 credit (Combined Block with Intro. To Financial Services)

Meets CTE or Social Studies Elective/ Elective graduation requirement

Prerequisite: Accounting I, Open to grade 11-12

Location: Offered at CTE only

Concurrent credit available for this course.

Do you want to buy and sell stocks by playing the Stock Market Game? Study the principles and practices of banking and credit in the United States; learn about the major functions of banks and other depository institutions, operations and procedures, central banking through the Federal Reserve System and current trends in the banking industry, understand credit functions and operations including credit risk evaluation, loan creation and debt collection. Presentations and network with business community leaders. Prepare for the real work workforce –cover letter, resumes, interviews skills and employer/ee expectations.

(ACBA4070) INTRODUCTION TO FINANCIAL SERVICES

Length/Credit: One Semester, One Hour block, 0.5 credit (Combined Block with Banking & Credit)

Meets CTE or Social Studies Elective/ Elective graduation requirement

Prerequisite: Accounting I, Open to grade 11-12

Location: Offered at CTE only

Payment for 3 college credits through the University of South Dakota.

Concurrent credit available for this course.

Do you want to create your own business and be an Entrepreneur or work for an innovated company? Introduce the various sectors of the financial services industry; learn the nature of the careers found in a particular sector; learn the scope of the work that comprises businesses such as insurance, real estate, public finance, accounting, and the securities industry. Presentations by USD professors and business leaders to build networking and real world experiences in the course.

PLEASE SEE THE CAREER AND TECHNICAL EDUCATION ACADEMY SECTION OF THIS BOOK FOR MORE COURSES.

BUSINESS & MARKETING EDUCATION

These courses may satisfy Career and Technical Education and General Elective requirements.

(ACBA4010) ACCOUNTING I

Length/Credit: One Year, 1 credit
Prerequisite: None, Open to grade 10-12
Location: CTE

State Approved CTE course. This course is concurrent to Southeast Technical Institute.

Do you like money? Learn how to record business transactions by using online, automated software and simulations. Introduction to accounting concepts through sole proprietorship, partnerships and corporations. Record business transactions; prepare financial records for small business; learn business foundations for professional or personal use.

(ACBA4020) ACCOUNTING II

Length/Credit: One Year, 1 credit
Prerequisite: Accounting I, Open to grade 11-12
Location: CTE

State Approved CTE course. This course is concurrent to Southeast Technical Institute.

Do you want to be the leader in how a business makes a profit? Generate online, automated computerized simulations and Quickbooks reports for detailed payroll records, uncollectible accounts, depreciation, accrued income and expenses, prepaid income and prepaid expenses, record departmental transactions; corporation, partnership, not for profit organization accounting, demonstrate knowledge of cost accounting, managerial accounting and manufacturing accounting.

(AAB-3110) PERSONAL FINANCE

Length/Credit: One Semester, 0.5 credit
Meets Personal Finance graduation requirement

Prerequisite: None, Open to grade 11-12

Prepares students to make sound financial decisions by researching, evaluating, and analyzing real-world financial situations in order to achieve realistic short-term and long-term goals. Students will utilize decision-making skills and relevant resources regarding careers, financial planning, maintaining financial records, spending, saving and investing while realizing the consequences of credit, debt, identity theft and the impact of taxes, insurance and loan options and choices.

(AAB-3120) PERSONAL AND BUSINESS LAW

Length/Credit: One Semester, 0.5 credit
Prerequisite: None, Open to grade 11-12
Location: LHS only

State Approved CTE course.

Personal and Business Law will focus on an understanding of the court system at the local, state, and national level. Students will gain an understanding of contract law, their rights and responsibilities as citizens, utilization of financial transactions, employment and agency relationships, and the understanding of the regulations governing different types of business organizations.

(AAV-3111) MARKETING EDUCATION I

Length/Credit: One Semester, 0.5 credit
Prerequisite: None, Open to grade 11-12
State Approved CTE course.

Develop skills in the operation of the school store business; develop job-seeking skills through completion of a letter of application, resume, application forms, and practicing interviewing techniques; study marketing and business concepts including management, production, accounting, ownership, and the relationship of business and society; apply basic concepts of economics to school store including goods and services, resources, price, supply and demand.

(AAV-3121) MARKETING EDUCATION II

Length/Credit: One Semester, 0.5 credit
Prerequisite: None, Open to grade 11-12
State Approved CTE course.

Explain the role of promotion; study marketing and business concepts and marketing functions and strategies, market identification and demonstrate the process and techniques of selling. Understand risk management including types of business risk, security, safety and accidents; explore the importance of credit and identify importance of marketing information management and product service planning.

(AAV-3131) MARKETING EDUCATION III

Length/Credit: One Semester, 0.5 credit
Prerequisite: Marketing I, Open to grade 12
State Approved CTE course.

Oversee the operation and the management of the school store by scheduling employees, ordering merchandise, making deposits, and receiving merchandise; review marketing and business concepts; describe inventory counts and levels, inventory control systems, inventory shrinkage and apply them to the school store; determine types of promotion; explain and demonstrate promotional mix in the operation of the school store; develop management skills in marketing and business including overhead/operating costs and the employee's role in expense control; develop management skills in human resources including orientation of new employees, employee complaints and morale, training and development.

(AAV-3142) MARKETING EDUCATION IV

Length/Credit: One Semester, 0.5 credit
Prerequisite: Marketing I & II, Open to grade 12
State Approved CTE course.

Understand economic systems including government and business, private enterprise, profit, risk, competition, productivity, and international trade; utilize marketing/information management including research, data, and forecasts; develop product knowledge.

(AABN3142) ENTREPRENEURIAL MINDSET

Length/Credit: One Semester, One hour, 0.5 credit
Prerequisite: None, Open to grade 11-12
Location: PBL Academy at Jefferson

Entrepreneurial Mindset can empower ordinary people to accomplish the extraordinary. In class we use: The Ice House Student Success Program. It is designed to equip you with the perseverance and determination of an entrepreneurial mindset at the onset of your academic journey. It will empower you to take ownership of your future while helping you develop the attitudes, skills, and behaviors that will enable you to succeed in college and in life. As part of this course you will meet and connect with entrepreneurs in and around Sioux Falls. As part of the discussions you will be able to ask questions and hear from the entrepreneurs how they have been successful in starting their businesses and how having an entrepreneurial mindset has assisted in their success.

(AAV-3151/3161/3171) MARKETING INTERNSHIP/CO-OP I

Length/Credit: One Semester, 0.5 (10hrs/wk), 1 (20 hrs/wk), or 1.5 (30 hrs/wk) credit
Maximum of 2 credits

Prerequisite: Open to grade 11-12. Must be enrolled in Marketing Education I or Marketing Education III

State Approved CTE course. Students do not have to be employed at the time they enroll in this course. Instruction is shared between the classroom teacher and the employment supervisor. Students must be enrolled in classes through 4th period (7th period – LHS) and must complete a Marketing Application form (found in the Counselor's Office) and an interview with the instructor. In order for students to earn credit for Marketing Co-op, they must pass Marketing Ed.

Students will be employed in the community learning to accept responsibility, completing assigned tasks, gaining work experience, and developing employment skills.

(AAV-3152/3162/3172) MARKETING INTERNSHIP/CO-OP II

Length/Credit: One Semester, 0.5, 1, or 1.5 credit
Maximum of 2 credits

Prerequisite: Open to grade 11-12. Must be enrolled in Marketing Ed. II or Marketing Ed. IV

State Approved CTE course. Students will be employed in the community learning to accept responsibility, completing assigned tasks, gaining work experience, and developing employment skills.

(AAV-3361/3362) VIDEO PRODUCTION & DESIGN

Length/Credit: One Semester, 0.5 credit
or One Year, 1 credit
General Elective

Prerequisite: None, Open to grade 10-12

Experience the changing world of online and broadcast media. Learn basic computer and public relations skills relating to the schools' new display scoreboard systems, message board technology, internet web sites, preparation of online and /or printed roster/programs for sporting and other events. Help with the online streaming of athletic and fine arts events, preparation of the school video news program and other related projects. Students who enjoy this class would also enjoy moving on to Media Production and/or Advanced Journalism classes.

FAMILY AND CONSUMER SCIENCE

These courses may satisfy Career Technology Education and/or General Elective requirements.

(AAF-3040) CHILD DEVELOPMENT I

Length/Credit: One Semester, 0.5 credit
Prerequisite: None, Open to grade 9-12

State Approved CTE course. Students following the Human Services Pathway are encouraged to complete this course.

Students will explore human development from conception to age three and develop a greater understanding of choices related to human sexuality, caregiving, and parenting. Students will have the opportunity to care for an infant simulator to learn the responsibilities and challenges of parenting.

(AAF-3050) CHILD DEVELOPMENT II

Length/Credit: One Semester, 0.5 credit
Prerequisite: Child Development I, Open to grade 10-12

State Approved CTE course. Students following the Human Services Pathway are encouraged to complete this course.

This course will focus on professional practices related to working with young children. Students will implement an on-site playschool using age appropriate sensory experiences, communication skills, discipline techniques, toy and educational mediums, and health/safety practices.

(AAF-3140) SINGLE SURVIVAL

Length/Credit: One Semester, 0.5 credit
Prerequisite: None, Open to grade 11-12
State Approved CTE course.

Single Survival is designed to prepare the student for life after high school. This course will assist students in meeting the challenges of balancing family, work, and community responsibilities as an adult. This class includes: careers, transportation, clothing, healthy living, insurance, finances, and housing options.

(AAF-3090) GENERAL FOODS

Length/Credit: One Semester, 0.5 credit
Prerequisite: None, Open to grade 9-12

State Approved CTE course. Students following the Hospitality and Tourism Pathway are encouraged to complete this course.

Students will study food preparation techniques, safety and sanitation standards, and life-long nutrition through participation in a variety of projects and food laboratory experiences.

(AAF-3080) ADVANCED FOODS

Length/Credit: One Semester, 0.5 credit
Prerequisite: None, Open to grade 9-12

State Approved CTE course. Students following the Hospitality and Tourism Pathway are encouraged to complete this course.

Students will prepare a variety of advanced cuisine with a special focus on regional and international food preparation techniques and skills. They will utilize advanced cooking techniques by participating in a variety of projects and food laboratory experiences.

(CTT-3020) CULINARY/RESTAURANT MGMT I (PROSTART 1)

Length/Credit: One Semester, Two hour block, 1 credit
Prerequisite: None, Open to grade 10-12

Location: Offered at the CTE Academy only

State Approved CTE course. Students will have the opportunity to earn possible scholarships and meet articulation agreements for numerous culinary schools across the country. Students will also have the opportunity to become ServSafe certified.

The ProStart Program is an industry-based program that prepares students for careers in the restaurant and foodservice industry. Students gain valuable skills through their academic, lab and workplace experiences, lab participation and guest chef demonstrations. ProStart I topics include: Food & Workplace Safety, Kitchen Equipment & Techniques, Stocks, Sauces, Soups, Salads, Sandwiches, Pizza, Serving Your Guests, Building a Successful Career, Management Essentials, and an Introduction to Baking.

(CTT-3030) CULINARY/RESTAURANT MGMT II (PROSTART 2)

Length/Credit: One Semester, Two hour block, 1 credit
Prerequisite: ProStart I, Open to grade 10-12

Location: Offered at the CTE Academy only

State Approved CTE course. Students will have the opportunity to earn possible scholarships and meet articulation agreements for numerous culinary schools across the country. Students will also have the opportunity to compete at ProStart and SkillsUSA state competitions.

The ProStart Program is an industry-based program that prepares students for careers in the restaurant and foodservice industry. Students gain valuable skills through their academic, lab and workplace experiences, lab participation in addition to guest chef demonstrations. ProStart II topics include: Breakfast Cookery, Meat, Poultry, Seafood, Desserts & Baked Goods, Nutrition, Marketing, and Restaurant Management Essentials.

(CTT-3040) BAKING AND PASTRIES**Length/Credit:** One Semester, Two hour block, 1 credit**Prerequisite:** Open to grade 10-12**Location:** Offered at the CTE Academy only*State Approved CTE course. Students will have the opportunity to compete in SkillsUSA Commercial Baking competition.*

Students will gain the fundamental skills necessary to work in a commercial bakery as well as skills needed to help them become proficient home bakers while enrolled in Baking and Pastry class. Students will gain valuable knowledge about this career field through class work and hands-on lab based training. Students will also have the opportunity to learn from industry professionals through demonstrations, field experiences, and guest speakers. Area studies will include breads, pies, cakes, pastries, cookies and much more.

(AAF-3210) FASHION DESIGN**Length/Credit:** One Semester, 0.5 credit**Prerequisite:** None, Open to grade 9-12*Students following the Arts, A/V Technology, and Communications Pathway are encouraged to complete this course.*

This course allows students the opportunity to apply elements and principles of design to fashion. Students will produce illustrations of fashion design, research fashion trends, and examine career opportunities. Students have the opportunity to create a variety of products using basic sewing skills.

(AAF-3240) INTERIOR DESIGN**Length/Credit:** One Semester, 0.5 credit**Prerequisite:** None, Open to grade 9-12*Students following the Arts, A/V Technology, and Communications Pathway are encouraged to complete this course.*

This course will focus on housing styles, and principles and elements of design. Students will apply basic space planning concepts, and furnishing and housing needs within set parameters. They will also explore career opportunities within the field of Interior Design.

TECHNOLOGY EDUCATION

These courses may satisfy Career Technology Education and/or General Elective requirements.

(AAT-3010) INTRODUCTION TO VEHICLE SYSTEMS & MAINTENANCE

(Previously Auto Tech I)

Length/Credit: One Semester, 0.5 credit**Prerequisite:** None, Open to grade 9-12*State Approved CTE course. Successful completion of this course is a prerequisite to take the advanced Auto Tech courses at the CTE Academy.*

Demonstrate safety in the shop and lab while obtaining skills for the career and hobby opportunities in the automotive field. Students will raise and support all vehicles, inspect fluid levels, perform an oil change and chassis lube service. Students will test, service, and inspect vehicle electrical, cooling, and chassis systems. Students will also perform services on tires, transmission, brakes, fuel system, and interior and exterior surfaces.

(AAT-3030) BUSINESS VENTURES I**Length/Credit:** One Semester, 0.5 credit**Prerequisite:** None, Open to grade 9-12**Location:** WHS only

Students will learn about the organization, management and planning necessary to open and operate a small business. This is a project-based class in which skills will be learned through student-created and developed business plans and projects. Students will learn business concepts through creating logos, commercials and other promotional materials for their own business idea as well as developing their own entrepreneurial idea into a business plan.

(AAT-3040) BUSINESS VENTURES II**Length/Credit:** One Semester, 0.5 credit**Prerequisite:** Business Ventures I, Open to grade 9-12**Location:** WHS only

Students will expand on their business model created in Business Ventures I. They will learn advanced concepts with group based business projects. By hands-on participation in these ventures, students will learn about: purchasing, profit calculation, marketing techniques, supply and demand, purchase negotiations, break-even point calculation, establishing and using credit, promotional methods, payroll, franchising and other advanced business concepts.

(AAT-3110) GRAPHIC DESIGN**Length/Credit:** One Semester, 0.5 credit**General or Fine Arts Elective****Prerequisite:** None, Open to grade 10-12

Analyze and create graphic designs through primarily computer-based projects including photo editing, logos, package designs, posters, collages, vector illustrations, and animations. Students will incorporate typography guidelines and the elements and principles of design into their graphic designs. To create their designs, students will use the software programs Adobe Photoshop and Adobe Illustrator. Recommended for students with intermediate computer skills who know how to copy, cut, paste, change fonts, font styles and font sizes, edit and insert graphics.

(AAT-3120) HOME MAINTENANCE**Length/Credit:** One Semester, 0.5 credit**Prerequisite:** None, Open to grade 9-12

Home maintenance will teach students how to improve, repair, maintain and enhance a residential structure and its systems through hands on projects. Students will learn through completing numerous activities such as home safety, use of tools, wall framing, plumbing, electrical, tiling, drywall installation and repair as well as other hands on activities.

(AAT-3140) REPAIRING SMALL ENGINES**Length/Credit:** One Semester, 0.5 credit**Prerequisite:** None, Open to grade 10-12*State Approved CTE course.*

Demonstrate safety in the shop and lab; identify and maintain tools and equipment; demonstrate accurate use of measuring tools; identify component parts and functional systems during overhaul of 4-cycle engines; know the basic principles of electricity and winterization/troubleshooting of engines.

(AAT-3190) WOODWORKING TECHNOLOGY I**Length/Credit:** One Semester, 0.5 credit**Prerequisite:** None, Open to grade 9-12*State Approved CTE course. Successful completion of this course is a prerequisite to take the Cabinetmaking course at the CTE Academy.*

This course provides information in tools, machines, materials, and processes related to the broad field of woodworking. Complete an assigned project determined by the instructor; construct a student-planned project approved by the instructor; demonstrate safe work habits; identify different types of wood; identify and correctly apply finishes.

(AAT-3200) WOODWORKING TECHNOLOGY II**Length/Credit:** One Semester, 0.5 credit**Prerequisite:** Woodworking Technology I, Open to grade 9-12*State Approved CTE course. Students will provide their own lumber.*

In this course students will draw, plan and estimate the cost of materials for anticipated projects and make project from plan; use machines to their full capability.

(AAT-3210) WELDING I**Length/Credit:** One Semester, 0.5 credit**Prerequisite:** None, Open to grade 9-12*State Approved CTE course. Successful completion of this course is a prerequisite to take the advanced Welding courses at the CTE Academy.*

Demonstrate safety in the shop and lab; demonstrate and show proficiency in S.M.A.W. (Shielded Metal Arc Welding), G.M.A.W (Gas Metal Arc Welding), G.T.A.W (Gas Tungseng Arc Welding), oxy-fuel welding and cutting; learn basic metallurgy concepts, such as shrinkage, warpage, and compatibility; use new technology in CNC plasma table cutting. Welding guides you into career choices such as fabricated metal, producing manufacturing, transportation, equipment and machinery manufacturing and construction.

COMPUTER SCIENCE

These courses may satisfy Career Technology Education and/or General Elective requirements.

(AAB-3060) BASIC TECHNOLOGY SKILLS**Length/Credit:** One Semester, 0.5 credit**Prerequisite:** None, Open to grade 9-12*This course is suggested for students with limited computer experience.*

This course covers the touch typing method and the creation and formatting of personal and business documents. This course includes drill and practice that will improve speed and accuracy for each student. Students will produce letters, reports, memos, and "mailable" documents that are formatted correctly.

(CSC-3070) EXPLORING COMPUTER SCIENCE**Length/Credit:** One Semester, 0.5 credit**Prerequisite:** None, Open to grade 9-12

Explore the world of computer science and move beyond computing by exploring web development, program design and development, the Internet and how it works, human computer interactions, problem solving, digital citizenship and robotics. Exploring Computer Science is an introduction to computer science that provides students with a variety of experiences and opportunities to shape their own world of computer science.

(CSM-3030)**Length/Credit:** One Semester, 0.5 credit**Prerequisite:** None, Open to grade 9-12

This course exposes students to creating websites and provides relevant online experiences using today's design trends. This is a project-based course. Students will learn the fundamentals for a career in web development, learn basic image manipulation techniques, and create their own websites using strategies in today's web developed industry.

(CSM-3020)**ANIMATION DESIGN****Length/Credit:** One Semester, 0.5 credit**Prerequisite:** Web Design, Open to grade 9-12

Students will learn the 12 Principles of Animation, and the different types of animation. Students will develop skills to create and produce character animations, banner ads, and other types of rich media. Application of ethical considerations in the use of and creation of animations and evaluation of the Pixar and Dreamworks animation styles as well as other animated productions are also included in this course.

(CSP-4020)**PROGRAMMING WITH JAVA****Length/Credit:** One Semester, 0.5 credit**Prerequisite:** None, Open to grade 10-12*Strongly suggest successful completion of Algebra I as preparation for this course.*

Explore program design and the Java programming language. Learn how to create, design, and develop real world applications. Emphasis will be on algorithms, problem solving, decision-making, program development, development of software applications, writing code and debugging to implement programs successfully. Ethics along with computer science concepts are also covered. Prerequisite: Successful completion of Algebra I (Programming in Java is a prerequisite for AP Computer Science A).

(CTC-3090)**COMPUTER GAMING & DESIGN****Length/Credit:** One Semester, 0.5 credit**Prerequisite:** None, Open to grade 10-12

Computer Gaming and Design courses prepare students to design computer games by studying design, "the origin of game theory", animation, artistic concepts, digital imaging, coding, scripting, multimedia production, and game play strategies. Advanced course topics include, but are not limited to, level design, environment and 3D modeling, scene and set design, motion capture, and texture mapping.

(CSC-5011/5012)**AP COMPUTER SCIENCE PRINCIPLES****Length/Credit:** One Year, 1 credit**Prerequisite:** Completion of Exploring Computer Science is recommended, Open to grade 10-12*Students are expected to take the AP exam.**This course may be counted as a science elective.*

This class is where ideas come to life! Students will explain how computing innovations and computing systems work, including the Internet. Students will create hands-on digital projects such as games and apps that will address real-world issues. Students will also explore potential impacts and contribute to a computing culture that is collaborative and ethical and will learn to design and evaluate solutions and to apply computer science to solve problems through the development of algorithms and programs using a programming language of choice. At the end of this course, students will be expected to take the AP Computer Science Principles exam.

(CSP-5020) AP COMPUTER SCIENCE A

Length/Credit: One Semester, 0.5 credit
Prerequisite: Programming with JAVA
 Open to grade 10-12

Students are expected to take the AP exam.

This course may be counted as a science elective.

The AP Computer Science A (APCS A) is an introductory college-level computer science course and an extension of Programming with Java. Students will have a deeper understanding of coding through analyzing, writing, and testing code as they explore concepts like modularity, variables, and control structures. At the end of this course, students will be expected to take the AP Computer Science A exam.

ECONOMICS/ PERSONAL FINANCE

Satisfies the Economics or Personal Finance option for graduation.

(SSS-3040) ECONOMICS

Length/Credit: One Semester, 0.5 credit
Meets Graduation Requirement

Prerequisite: None, Open to grade 11-12

Have you ever wondered why some businesses (and individuals!) thrive and make millions while others struggle just to survive? Understanding economics and the way the various economic systems work may answer that very question. Economics deals with the way in which individuals, households, firms, industries and governments decide to employ their given talents and material resources to best satisfy their many needs. A fuller understanding of economics will enable you to understand and evaluate the U.S. economy and to participate in it more fully. Experience interesting activities and the challenge of computer and stock market simulations. You will discover that there is more than one way to organize an economy, and that the successful U.S. model, which is organized around the private sector, is just one of several possibilities available.

(AAB-3110) PERSONAL FINANCE

Length/Credit: One Semester, 0.5 credit
Meets graduation requirement
Does not satisfy NCAA requirements

Prerequisite: None, Open to grade 10-12

Prepares students to make sound financial decisions by researching, evaluating, and analyzing real-world financial situations in order to achieve realistic short-term and long-term goals. Students will utilize decision-making skills and relevant resources regarding careers, financial planning, maintaining financial records, spending, saving and investing while realizing the consequences of credit, debt, identity theft and the impact of taxes, insurance and loan options and choices.

(SSS-5010) AP MACROECONOMICS

Length/Credit: One Semester, 0.5 credit
Meets Economics graduation requirement
Prerequisite: None, Open to grade 11-12

Students are expected to take the AP exam.

AP Macroeconomics is a course designed to provide students with a thorough understanding of the principles of economics in examining aggregate economic behavior. Students taking the course can expect to learn how the measures of economic performance, such as GDP, inflation and unemployment, are constructed and how to apply them to evaluate the macroeconomic conditions of an economy. Students will also learn the basic analytical tools of macroeconomics, primarily the aggregate demand and aggregate supply model and its application in the analysis and determination of national income, as well as evaluating the effectiveness of fiscal policy and monetary policy in promoting economic growth and stability. Recognizing the global nature of economics, students will also have ample opportunities to examine the impact of international trade and international finance on national economies. Various economic schools of thought are introduced as solutions to economic problems are considered.

ENGLISH/LANGUAGE ARTS

*In an effort to help stop summer learning loss, the Sioux Falls School District is building a culture and expectation of summer reading through a wide variety of innovative steps currently being implemented. Many of our high school English courses have a summer reading requirement.

4 Credits Required to Graduate
Recommended Course Sequence

9th Grade select 1 credit from:
English I
Accelerated English I

10th Grade select 1 credit from:
English II
Accelerated English II

11th – 12th Grade select 1 credit from:
All students must select Composition & American Literature options
English III
American Studies (0.5 cr. Am. Lit, 0.5 cr. Comp) **(WHS only)**
AP English Language & Composition (0.5 cr. Am. Lit, 0.5 cr. Composition)

9th - 12th select 0.5 credit from:
Speech or Debate

9th - 12th Grade elective 0.5 credit from:
English courses listed in English section not taken for a required class (except American Film History)

(LAE-3011/3012) ENGLISH I

Length/Credit: One Year, 1 credit
Prerequisite: None, Open to grade 9
This yearlong, integrated course is designed for students to develop skills in reading (literature and informational) texts, speaking, and listening. The focus on reading and writing supports the District’s philosophy statement to teach 21st century skills and research-based instructional strategies. Students learn to analyze literature, broaden spoken and written vocabulary, apply literary techniques within compositions, reinforce proper writing conventions (mechanics, usage, and grammar), practice paragraph development and essay writing, develop critical thinking skills, and integrate technology into learning.

(LAE-4011/4012) ACCELERATED ENGLISH I

Length/Credit: One Year, 1 credit
Prerequisite: None, Open to grade 9
A thematic-structured curriculum designed for the highly-able and motivated student; identify literary techniques and begin to analyze their use in various genres; broaden spoken and written vocabulary; apply literary techniques and composition skills to developing thematic projects; reinforce basic mechanics, usage, and grammar; practice paragraph development and apply to essay writing; develop critical thinking skills and focus on higher level thinking skills; integrate technology into learning.

(LAEN3011/3012, LASN3010, SSGN3010) HUMANITIES I

Length/Credit: One Year, two hour block, 2 credits
Prerequisite: None, Open to grade 9
Location: PBL Academy at Jefferson
Humanities I analyzes physical and human geography found in various pieces of literature while improving writing and research strategies as well as reading comprehension. The course also works to advance student proficiency in public speaking and collaboration skills through a course that combines English I, World Geography, and Speech content..

(LAE-3021/3022) ENGLISH II

Length/Credit: One Year, 1 credit
Prerequisite: None, Open to grade 10
The purpose of English II is to engage students in authentic reading and writing tasks, to target specific writing skills, to develop a variety of reading strategies, and to expose students to a variety of fiction and nonfiction texts. Students will read and write for a variety of purposes that will focus on argumentative, expository, narrative, and persuasive modes.

(LAE-4021/4022) ACCELERATED ENGLISH II

Length/Credit: One Year, 1 credit
Requires a summer reading component
Prerequisite: None, Open to grade 10
Focus on essay writing to improve paragraph structure and integration of evidence; increase written and spoken vocabulary; use higher thinking skills of questioning, analysis, synthesis, and evaluation; engage in research and complete a portfolio of work; practice for standardized, AP, and/or college entrance exams; use multimedia reference materials.

(LAEN3021/3022, SSSN380, SSHN3070) HUMANITIES II

Length/Credit: One Year, two hour block, 2 credits
Prerequisite: None, Open to grade 10
Location: PBL Academy at Jefferson
Humanities II challenges students to examine and analyze major historical events and current global issues through the lens of literature and collaborative projects. This course combines English II, and social studies electives World History and Global Issues.

(LAD-3010) DEBATE I

Length/Credit: One Semester, 0.5 credit
English Elective or Speech requirement
Prerequisite: None, Open to grade 9-12
Retrieve information using all available library media; use all components of an organized argument; demonstrate cross-examination techniques using open, probing, and critical thinking and questioning skills; demonstrate problem-solving strategies on policy issues by writing and presenting an affirmative case; demonstrate skills in individual events, either through extemporaneous speaking or original oratory speeches; refute arguments presented on all sides of an issue; support claims of arguments by using evidence effectively; use critical thinking skills in the presentation of a debate; demonstrate effective speaking skills in presenting arguments by using debate skills; demonstrate proper interpersonal skills in an adversarial setting.

(LAD-3020)

Length/Credit: One Semester, 0.5 credit
English Elective

Prerequisite: Debate I, Open to grade 9-12

Expand the areas of persuasion, research, and argumentation explored in Debate I; demonstrate skills in individual events, either through extemporaneous speaking or original oratory speeches; demonstrate skills in theory and practice of Lincoln/Douglas debate; demonstrate skills in parliamentary procedure and debate through Student Congress; present an affirmative case and negative arguments on the next year's debate topic; demonstrate advanced argumentation skills in competitive debates.

(LAD-3031/3032)

Length/Credit: One Year, 1 credit
English Elective

Prerequisite: Debate I & Debate II,
Open to grade 10-12

Designed for those students participating on the advanced debate squads.

Demonstrate the use of advanced argumentation skills in competitive debates; demonstrate skill in debate and parliamentary procedure using the Student Congress mode; demonstrate advanced communication skills in oratory or extemporaneous speaking; demonstrate speech critiquing skills by judging novice debate contests; demonstrate advanced research skills in writing affirmative and negative arguments.

(LAS-3010)

Length/Credit: One Semester, 0.5 credit
English graduation requirement

Prerequisite: None, Open to grade 9-12

Research and utilize electronic and nonelectronic library information; demonstrate organizational skills in writing speeches, outlines and note cards; exhibit an appreciation for other student ideas and opinions; demonstrate poise, self-confidence, and skills in public speaking in a one-on-one setting, a small group setting and multiple large group settings.

(LLL-4100)**FUNDAMENTALS OF COMMUNICATION (SPEECH)**

This is taken as a Dual Credit course.

Length/Credit: One Semester, 0.5 credit

Prerequisite: None, Open to grade 11-12

Students must meet Dual Credit requirements and are responsible for Dual Credit fees and course materials.

This course introduces the study of speech fundamentals and critical thinking through frequent public speaking practice, including setting, purpose, audience, and subject. This is done by drawing upon dialogic traditions to teach the theoretical processes and effective practices of message development, reception, and analysis.

(LASI3010)**SPANISH IMMERSION SPEECH**

Length/Credit: One Semester, 0.5 credit

Prerequisite: Open to grade 9-12
Spanish Immersion Students Only
or native Spanish speakers with instructor approval

This course will be conducted entirely in Spanish. Research and utilize electronic and nonelectronic library information; demonstrate organizational skills in writing speeches, outlines and note cards; exhibit an appreciation for other student ideas and opinions; demonstrate poise, self-confidence, and skills in public speaking in a one-on-one setting, a small group setting and multiple large group settings.

DEBATE II**(LAE-3031/3032)****ENGLISH III**

AMERICAN LITERATURE and COMPOSITION
(LAE3031/3032) PBL Academy at Jefferson

Length/Credit: Two Semesters, 1 credit

English graduation requirement

Prerequisite: None, Open to grade 11-12

English III combines literature by American authors with focused writing assignments. Students read various pieces of literature; become familiar with author backgrounds, writings, and themes; develop communication skills; find personal meaning by responding to the literature; and recognize the relationship between American history and literature. Writing assignments include descriptive, narrative, persuasive, and expository paragraphs, essays, articles, critiques, and incorporate research techniques and skills into a formal paper or project. Students write for specific audience; broaden vocabulary and increase critical thinking skills; and revise and proofread work for style, grammar, and mechanical errors.

(LAE-3031/3032 & SSH-3021/3022)**AMERICAN STUDIES**

Length/Credit: One Year, 1 credit

Integrated option for 2 credits

American History (1 cr.) &

American Literature (0.5 cr.) &

Composition (0.5 cr.)

Prerequisite: None, Open to grade 11-12

Location: WHS Only

This class meets daily in a two-period block.

American Studies is a year-long survey course combining the study of American history with American literature and composition. This two-period block class provides an interdisciplinary approach to the three required courses. The chronological study of history from the pre-Civil War period to the present blends an appreciation for different literary genres throughout our nation's history, helps students develop critical reading and writing skills, focuses on vocabulary building, and includes art, music, film, and other cultural developments of historical eras. If successfully completed, the student earns one credit for American history, 0.5 credit for American Literature, and 0.5 credit for Composition. Most students register for this course for the junior year of high school.

(LAL-5011/LAC-5012) AP ENGLISH LANGUAGE AND COMPOSITION

Length/Credit: One Year, 1 credit

American Literature (0.5 cr.) &

Composition (0.5 cr.)

Prerequisite: None, Open to grade 11-12

Students are expected to take the AP exam.

This course provides preparation for the AP Language and Composition Exam given in the spring. Recommended for college-bound students. Students must see the instructor for summer reading requirements.

Trace trends in American Literature; analyze writing by identifying theme, style, tone, and purpose; analyze literature; increase reading and vocabulary; respond to other students' writing; respond clearly and concisely to timed essay questions; understand and evaluate the semantic, structural, and rhetorical features of language; demonstrate use of all elements of the writing process; incorporate research techniques and skills into a formal paper/project. Read and analyze novels and dramas in terms of theme, structure, and style; develop techniques for finding artistic merits of short stories and poems; locate and use literary analysis through discussion, timed writing, and extended research; refine expository writing skills; participate in large and small group discussion; participate in cooperative groups; use technology to utilize research techniques.

(LAE-5011/LAE-5012) AP ENGLISH LITERATURE AND COMPOSITION**Length/Credit:** One Year, 1 credit, English Elective**Prerequisite:** None, Open to grade 12*Students are expected to take the AP exam.**Students must see the instructor for summer reading requirements. This course provides preparation for the AP Literature and Composition Exam and is recommended for college-bound students.*

Read and analyze primarily imaginative literature, including novels, dramas, short stories, and poetry in terms of theme, structure, and style; analyze literature through discussion, timed writing, research, cooperative learning groups, and large and small group discussions; develop college-level analytical writing and thinking skills; broaden vocabulary; apply test-taking strategies and practice for success on the AP Literature and Composition exam.

(LAL-3040) BRITISH LITERATURE**Length/Credit:** One Semester, 0.5 credit English Elective**Prerequisite:** None, Open to grade 11-12

British Literature is all about making connections. From the earliest works in the English language to modern novels and short stories, students will learn about British authors, their works and influences. Exploration will be through reading, writing, discussing, and presenting.

(LAL-3070) WORLD LITERATURE**Length/Credit:** One Semester, 0.5 credit English Elective**Prerequisite:** None, Open to grade 11-12

Read and evaluate literature written by a variety of authors from throughout the world to develop an understanding of the universality of literature. Analyze how the history and culture of a region influence a piece of writing. Work independently and with others to evaluate the literary merit of differing global perspectives and mythologies. Literature is studied from regions such as South Africa, Korea, China, Brazil, Spain, the Hawaiian Islands, India, Russia, Germany, Japan, Norway, Iran, Chile, Guatemala, Romania, and many other parts of the world.

(LAL-3080) CONTEMPORARY LITERATURE**Length/Credit:** One Semester, 0.5 credit English Elective**Prerequisite:** None, Open to grade 11-12

Read contemporary literature that reflects a society's political, social and personal views including, but not limited to short stories, novels, poetry, essays, and dramas; discuss current relevance, evaluate effectiveness in writing. Respond to assignments in clear and logical writing; identify and explain literary terms; analyze the interaction among plot, narrative, structure, and language in literature.

(LAC-3040) CREATIVE WRITING**Length/Credit:** One Semester, 0.5 credit English Elective**Prerequisite:** None, Open to grade 11-12

Use imagination, creativity, and technology in writing. Experience various genres of writing, primarily fiction, nonfiction, and poetry; interact with others to develop ideas for writing; share, edit, and revise personal writing and the writing of others; evaluate strengths and weaknesses of writers; submit pieces for publication.

(LAC-4020) COLLEGE PREP ENGLISH**Length/Credit:** One Semester, 0.5 credit English Elective**Prerequisite:** None, Open to grade 11-12*Recommended for the college-bound senior.*

A college bound class geared towards applicable writing and communication standards for seniors seeking post-secondary education. Focus will be placed on collaborative and individual work that incorporates the narrative process, compare/contrast, analysis, college/military and workplace centered writing, argumentative critical thinking skills incorporated in ethical/social awareness, evaluate, organize, and integrate writing and research skills all while demonstrating the proper use of mechanics and English grammar language skills.

(LAJ-3010) JOURNALISM**Length/Credit:** One Semester, 0.5 credit English Elective**Prerequisite:** a "C" or higher in English I, Photo I class a plus, Open to grade 10-12*This course may not count for English credit at some colleges/universities. Please check with your selected college/university for specific requirements.*

Students who enjoy writing and have above-average writing skills and interest in journalism may register. Develop skills in interviewing, gathering, writing, and editing features, editorials and news stories; critique layout/design of professional press; keep informed of daily news; develop word process and page design, photography, and programming techniques; understand legal and ethical restrictions of journalists.

(LAJ-3021/3022) JOURNALISM/NEWSPAPER**Length/Credit:** One Year, 1 credit One semester counts as an English Elective and additional semesters as General Elective**Prerequisite:** a "C" or higher in Journalism, Photo I class a plus, Open to grade 10-12*Advance visitation with the newspaper teacher is required. This course may not count for English credit at some colleges/universities. Please check with your selected college/university for specific requirements.*

Students who enjoy writing and have above-average writing skills and interest in journalism may register. Develop advanced skills in understanding, gathering, writing all types of stories; edit and write headlines; prepare copy for print; study principles of advertising writing and design of photojournalism; apply rules of punctuation, spelling, and usage. Upper level writing skills, consistent attendance, and ability to work with others are necessary for success in this class.

(LAJ-3031/3032) JOURNALISM/YEARBOOK**Length/Credits:** One Year, 1 credit One semester counts as an English elective and additional semesters as General elective**Prerequisite:** None, Open to grade 10-12*Advance visitation with the yearbook advisor suggested. This course may not count for English credit at some colleges/universities. Please check with your selected college/university for specific requirements.*

Conduct interviews; write, revise, and edit copy (stories, captions, and sidebar text); design yearbook page layouts using the computer; learn photography settings appropriate to required photo shoots; apply photography principles in selecting quality photos; compose and crop all photos to fit spread design; understand legal and ethical restrictions of journalists; accept staff position for yearbook and carry out duties for the year. Upper level writing skills, consistent attendance, meeting deadlines, and ability to work with others are necessary for success in this class.

(LAO-3010) ORAL INTERPRETATION

Length/Credit: One Semester, 0.5 credit
English or Fine Arts Elective

Prerequisite: None, Open to grade 9-12

This course may not count for English credit at some colleges/universities. Please check with your selected college/university for specific requirements. This is a co-curricular contracted course. If enrolled in the course, students must attend a minimum number of tournaments indicated on the instructor's course contract.

Understand the art and craft of competitive speaking; create or find appropriate cuttings of literature; write appropriate introductions; write a persuasive and/or informative speech; research and utilize electronic and nonelectronic library information; understand the full range of academic, vocal, and physical skills needed to make presentations enjoyable and to convey they author's meaning; demonstrate poise, self-confidence, and skills in public speaking; exhibit good personal communication and audience member skills; appreciate the skills and performance of others; learn to accept constructive criticism; develop an appreciation of the lifetime skills gained through oral interpretation and public speaking.

(LAO-3020) TEAM ORAL INTERPRETATION

Length/Credit: One Semester, 0.5 credit
English or Fine Arts Elective

Prerequisite: Oral Interpretation and/or completed novice year of competition
Open to grade 10-12

This is a co-curricular contracted course. If enrolled in the course, students must attend a minimum number of tournaments indicated on the instructor's course contract. This course may not count for English credit at some colleges/universities. Please check with your selected college/university for specific requirements. This course requires the permission of the instructor.

Locate appropriate, quality pieces of literature for presentation and competition; cut literature to fit limitations imposed by competition; write an appropriate introduction; analyze the thematic elements of the selection; profile character through detailed analyses; utilize a full range of academic, vocal, and physical skills to best present a selection; develop an emotional empathy for the situation and character; exhibit strong personal communication attributes such as confidence, poise, and rapport with an audience; exhibit audience member skills such as attentiveness, courtesy, and appreciation; appropriately critique and judge other performances; appropriately mentor novice team members; gain an appreciation of the skills and performances of others; learn to accept constructive criticism in a positive manner; develop an appreciation of the lifetime skills gained through oral interpretation and public speaking.

(ELE-3030) AMERICAN FILM HISTORY

Length/Credit: One Semester, 0.5 credit

Prerequisite: None, Open to grade 11-12

Fulfills a general elective requirement. Does not meet English elective requirement.

Lights! Camera! Action!

In our media driven world, film and motion pictures have an important impact on our lives and our culture. This course looks at how American films have communicated and impacted the film industry since the beginning of the 20th Century. Technical and social aspects of award winning and classic cinematic storytelling are examined and how these processes have impacted today's filmmakers and audiences.

(SSH3021/3022, LAEN3031/3032, ELEN3030)**AMERICAN EXPERIENCE**

Length/Credit: One Year, Two hour block, 2.5 credit

Prerequisite: None, Open to grade 11

Location: PBL Academy at Jefferson

Meets American History, American Literature and Composition graduation requirements, and General Elective credit.

In American Experience, students have a chance to learn about some of America's most important events by participating in collaborative projects and presenting their end product to show content knowledge. Students work to create authentic projects in conjunction with community partners. The course examines the impact society and history have on literature. Notable projects previously completed include #myparty12, America@War, and War Games. This course fulfills the graduation requirement for American Literature and Composition in addition to credit for US History. Students also receive 1/2 elective credit for this course.

(ELE-3460) TEACHER PATHWAY I

This may be taken as a Dual Credit course.

Length/Credit: One Semester, 0.5 credit

Prerequisite: None, Open to grade 11-12

Dual credit class where students are visiting another classroom at least once a week. Recommended for students considering a career in the field of education.

Fulfills a general elective requirement. Does not meet English elective requirement.

Explore a profession in teaching without the commitment of college tuition! Gain a clear understanding of the diversity of career options within this field through exciting hands-on experience, discussion, speakers, reading, writing, collaboration, and reflection. Learn about learning! By leaving the high school classroom at least once a week, you will use your curiosity to explore classrooms from the perspective of an educator. You will reflect on your own learning experiences as well as understand learning environments, teaching methodology, and best practices. Discover ways you can become an active part of the education field!

(LAE-3150) TEACHER PATHWAY II

This may be taken as a Dual Credit course.

Length/Credit: One Semester, 0.5 credit

Prerequisite: None, Open to grade 11-12

Dual credit class where students are visiting another classroom at least once a week. Recommended for students considering a career in the field of education. This semester includes a research component.

Fulfills an English elective requirement.

Explore a profession in teaching without the commitment of college tuition! Gain a clear understanding of diversity of career options within this field through exciting hands-on experience, discussion, speakers, reading, writing, collaboration, and reflection. Learn about learning! By leaving the high school classroom at least once a week, you will use your curiosity to explore classrooms from the perspective of an educator. You will reflect on your own learning experiences as well as understand learning environments, teaching methodology, and best practices. Discover ways you can become an active part of the education field! This semester includes a research component.

(LAE-5021/5022) AP SEMINAR CAPSTONE

Length/Credit: One Year, 1 credit
Prerequisite: None, Open to grade 10-12

Students are expected to take the AP exam.

AP Seminar, the first course in the AP Capstone experience, engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational, literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments.

(LAC-5021/5022) AP RESEARCH CAPSTONE

Length/Credit: One Year, 1 credit
Prerequisite: AP Seminar Capstone with passing AP score of 3 or higher, Open to grade 11-12

Students are expected to take the AP exam.

AP Research, the second course in the AP Capstone experience, allows students to deeply explore an academic topic, problem, issue, or idea of individual interest. Students design, plan, and implement a yearlong investigation to address a research question. Through this inquiry, they further the skills they acquired in the AP Seminar course by learning research methodology, employing ethical research practices, and accessing, analyzing, and synthesizing information. Students reflect on their skill development, document their process and reflection portfolio. The course culminates in an academic paper of 4,000-5,000 words (accompanied by a performance, exhibit, or product where applicable) and a presentation with an oral defense.

HIGH SCHOOL READING COURSES

(LAR-2061/2062) Basic Reading I

Length/Credit: One Year, 1.0 credit
English Elective

This course is designed to improve skills of students who are reading significantly below grade proficiency. Use of individualized, self-paced programs, small-group activities, and oral reading is emphasized. Students will develop a more extensive vocabulary; develop skills relating to the English language, including phonemic awareness; increased reading comprehension; recognize main points of literature; develop skills that lead to lifelong reading. A counselor or teacher should recommend students for this course.

(LAR-2071/2072) Basic Reading II

Length/Credit: One Year, 1.0 credit
English Elective

This course is designed to improve skills of students who are reading below grade proficiency. Use of individualized, self-paced programs, small-group activities, and oral reading is emphasized. A counselor or teacher should recommend students. Students will develop a more extensive vocabulary; increase reading comprehension; recognize main points of literature; and develop skills that lead to lifelong reading.

(LAR-2111/2112) Reading I

Length/Credit: One Year, 1.0 credit
English Elective

This course is designed to benefit students who read below grade proficiency. Students will use small group instruction and individualized computer programs to further develop vocabulary skills; reading comprehension skills; reading strategies; and writing skills utilizing increasingly complex texts. A counselor or teacher should recommend students for this course.

(LAR-2121/2122) Reading II

Length/Credit: One Year, 1.0 credit
English Elective

This course is designed to benefit students who read below grade proficiency. Students will use small group instruction and individualized computer programs to further develop vocabulary skills; reading comprehension skills; reading strategies; and writing skills utilizing increasingly complex texts. A counselor or teacher should recommend students for this course.

ENGLISH LEARNER

The English Language Learner program is designed to help students develop proficiency in the English Language skills of listening, speaking, writing, and reading through successful experiences in their classrooms and in social contexts both inside and outside of school.

Computer Science

(ESD-2030) SHELTERED BASIC TECHNOLOGY SKILLS

Length/Credit: One Semester, 0.5 credit
Prerequisite: None

Basic Technology Skills covers the touch typing method and the creation and formatting of personal and business documents. This course includes drill and practice that will improve speed and accuracy for each student. Students will produce letters, reports, memos, and documents that are formatted correctly.

English Language Development

(ESD-3011/3012) EMERGENT ENGLISH LANGUAGE DEVELOPMENT

Length/Credit: One Year, 1 credit
Prerequisite: None, Open to grade 9
English Elective

This class is intended for English Language Learners who have a language proficiency level in the range of 1.0-2.2. This course focuses on increasing students' English skills in the areas of speaking, listening, reading, and writing. The curriculum provides students with a balanced approach to learning English through authentic literature, informational texts, vocabulary development, and systematic skill and grammar instruction.

(ESD-3021/3022) BASIC ENGLISH LANGUAGE DEVELOPMENT

Length/Credit: One Year, 1 credit
Prerequisite: None, Open to grade 9-12
English Elective

This class is intended for English Language Learners who have a language proficiency level in the range of 2.3-3.0. This course focuses on increasing students' English skills in the areas of speaking, listening, reading, and writing. The curriculum provides students with a balanced approach to learning English through authentic literature, informational texts, vocabulary development, and systematic skill and grammar instruction.

(ESD-3031/3032) INTERMEDIATE ENGLISH LANGUAGE DEVELOPMENT

Length/Credit: One Year, 1 credit
Prerequisite: None, Open to grade 9-12
English Elective

This class is intended for English Language Learners who have a language proficiency level in the range of 3.1-4.0. This course focuses on increasing students' English skills in the areas of speaking, listening, reading, and writing. The curriculum provides students with a balanced approach to learning English through authentic literature, informational texts, vocabulary development, and systematic skill and grammar instruction.

(SD-3041/3042) ADVANCED ENGLISH LANGUAGE DEVELOPMENT

Length/Credit: One Year, 1 credit
Prerequisite: None, Open to grade 9-12
English Elective

This class is intended for English Language Learners who have a language proficiency level in the range of 4.1-exit. This course focuses on increasing students' English skills in the areas of speaking, listening, reading, and writing. The curriculum provides students with a balanced approach to learning English through authentic literature, informational texts, vocabulary development, and systematic skill and grammar instruction.

English**(ESE-2021/2022) SHELTERED FOUNDATIONAL ENGLISH**

Length/Credit: One Year, 1 credit
Prerequisite: None, Open to grade 9-12
Graduation Requirement: English Elective

Increase written and spoken vocabulary, practice sentence and paragraph development and learn strategies and skills for reading comprehension.

(ESE-3031/3032) SHELTERED ENGLISH I

Length/Credit: One Year, 1 credit
Prerequisite: None, Open to grade 9-11
Graduation Requirement: English I

This yearlong course is an integrated course designed for students to develop skills in writing/language, reading literature and informative texts, speaking, and listening. The focus on reading and writing supports the District philosophy statement, 21st century skills, and research-based instructional strategies. Students learn to analyze literature; broaden spoken and written vocabulary; apply literary techniques within compositions; reinforce basic mechanics, usage, and grammar; practice paragraph development and essay writing; develop critical thinking skills and focus on higher level thinking skills; and integrate technology into learning.

(ESE-3041/3042) SHELTERED ENGLISH II

Length/Credit: One Year, 1 credit
Level: Advanced English
Prerequisite: None, Open to grade 10-12
Graduation Requirement: English II

The purpose of English II is to engage students in authentic reading and writing tasks, to target specific writing skills, to develop a variety of reading strategies, and to expose students to a variety of fiction and nonfiction texts. Students will read and write for a variety of purposes that will focus on argumentative, expository, narrative, and persuasive modes.

(ESE-3061/3062) SHELTERED ENGLISH III

Length/Credit: One Year, 1.0 Credit
Prerequisite: None, Open to grade 11-12
Graduation Requirement: American Literature and

Composition

English III combines classic literature by American authors with focused writing assignments. Students read various pieces of literature; become familiar with author backgrounds, writings, and themes; develop communication skills; find personal meaning by responding to the literature; and recognize the relationship between American history and literature. Writing assignments include descriptive, narrative, persuasive, and expository paragraphs, essays, articles, critiques, and more; incorporate research techniques and skills into a formal paper or project; write for specific audience; broaden vocabulary and increase critical thinking skills; and revise and proofread work for style, grammar, and mechanical errors.

Health**(ESH-3020) SHELTERED HEALTH**

Length/Credit: One Semester, 0.5 credit
Prerequisite: None, Open to grade 9-12
Graduation Requirement: Health

This course promotes behaviors that contribute to healthy lifestyle and improved quality of life for all students. The course aligns to South Dakota Health Education Standards. The areas of physical, mental and social health are included with specific units in body systems, nutrition, fitness/wellness, sexual health, drugs and alcohol, mental health, self care and personal safety.

Mathematics

(ESM-2021/2022) SHELTERED GENERAL MATH

Length/Credit: One Year, 1 credit
Prerequisite: None, Open to grade 9-10
Graduation Requirement: Math

Not all colleges will accept this course for admission.

To prepare both mathematical and language skills for subsequent mathematics courses with reinforcement in the areas of real numbers and their properties, reasoning and problem-solving, basic geometry, and basic probability and data analysis.

(ESM-2031/2032) SHELTERED PRE-ALGEBRA

Length/Credit: One Year, 1 credit
Prerequisite: None, Open to grade 9-11
Graduation Requirement: Math

To prepare both mathematical and language skills for subsequent mathematics courses with reinforcement in the areas of real numbers and their properties, reasoning and problem-solving, basic geometry, and basic probability and data analysis.

(ESM-3041/3042) SHELTERED ALGEBRA I

Length/Credit: One Year, 1 credit
Prerequisite: None, Open to grade 9-12
Graduation Requirement: Math

This course focuses on linear, quadratic, and exponential relationships. Investigations will include an emphasis on the algebraic manipulation of expressions, equations, and inequalities; on systems of equations and inequalities; and representing equations, including graphing, transformations, and modeling functions. This course will include a review of operations with real numbers and a focus on linear, quadratic, and exponential relationships based on data. Modeling based on investigated data and problem solving with various tools will be used.

(ESM-3071/3072) SHELTERED GEOMETRY

Length/Credit: One Year, 1 credit
Prerequisite: Sheltered Algebra I, Open to grade 9-12

This course will follow the national common core standards by: using geometric terminology in written and oral communications; demonstrate reasoning skills using logic and proofs: demonstrate understanding of parallel and perpendicular lines and angles; demonstrate problem-solving strategies to find measurements of polygons and circles; demonstrate an understanding of geometric constructions; discover relationships of geometric shapes and data generated by technology; solve formulas to find the areas and volumes of plane and solid figures; use trigonometric relationships to find lengths and angles of right triangles; explore properties of transformations; apply statistical reasoning to problem solving.

Personal Finance

(ESS-3030) SHELTERED PERSONAL FINANCE

Length/Credit: One Semester, 0.5 credit
Prerequisite: None, Open to grade 11-12
Graduation Requirement: Personal Finance/Economics

Analyze the impact of finances on your life. Create a budget, understand different types of insurance and develop job interview skills to prepare you for life after high school.

Science

(ESY-2001/2002) SHELTERED GENERAL SCIENCE

Length/Credit: One Year, 1 credit, lab science
Prerequisite: None, Open to grade 9-10

Not all colleges will accept this course for admission.

Students in this course will explore general scientific concepts, including the principles underlying the scientific method and experimentation techniques. Additionally this course will introduce students to the study of the earth from a local and global perspective covering topics such as time zones, latitude and longitude, atmosphere, weather, climate, matter, and energy transfer. Students will also cover basic principles of physical science, such as matter, energy, force, and motion.

(ESY-2011/2012) SHELTERED PHYSICAL SCIENCE

Length/Credit: One Year, 1 credit
Prerequisite: None, Open to grade 9-12

Use the scientific method for problem solving; use scientific instruments to accurately measure; record, analyze, and interpret data; use physical and chemical properties to describe matter; differentiate between physical and chemical changes; distinguish differences among elements, compounds, and mixtures; identify the structure of atoms; explain the periodicity of elements in the periodic table; predict and explain atomic bonding; identify different types of chemical reactions; explain forces and motion; describe energy forms and changes.

(ESB-3011/3012) SHELTERED BIOLOGY

Length/Credit: One Year, 1 credit
Prerequisite: None, Open to grade 9-12
Graduation Requirement: Science

Demonstrate the use of the scientific method for problem solving; describe the characteristics of living things as they relate to taxonomy; identify parts and functions of an animal and plant cell; explain the processes of cellular transport; understand the mechanisms and evidence of evolution; identify structure and functions of major body systems; describe the fundamentals of ecology including the interaction and relationship of organisms to each other, their environment, and human impact on the environment.

Social Studies

((ESS-2011/2012) SHELTERED WORLD STUDIES

Length/Credit: One Year, 1 credit

Prerequisite: None, grade 9

Graduation Requirement: 0.5 Elective and 0.5 Social Studies elective

Build background and academic vocabulary, map skills and citizenship. Explore the social, psychological, and cultural differences that stem from blending a student's native culture with US cultures.

(ESG-3020) SHELTERED WORLD GEOGRAPHY

Length/Credit: One Semester, 0.5 credit

Prerequisite: None, grade 9-12

Graduation Requirement: World Geography

Locate places in the world using a map and/or globe, analyze and interpret data presented on maps, charts, graphs, tables and atlases, use critical thinking skills in applying physical geography concepts to describe how people live in various regions, develop the understanding and appreciation of diverse cultures and people that inhabit earth enrich the comprehension of geography through use of technology.

(ESS-3020) SHELTERED WORLD HISTORY

Length/Credit: One Semester, 0.5 credit

Prerequisite: None, Open to grade 10-12

Evaluate the interactions of world cultures, civilizations, philosophies and religions. Analyze historical eras of world history, including the Renaissance, Reformation, and various revolutions. Discover the global impact of World Wars and international conflicts.

(ESS-3031/3032) SHELTERED US HISTORY

Length/Credit: One Year, 1 credit

Prerequisite: None, Open to grade 11-12

Analyze forces and decisions that have led to war, peace, reaction reform and revolution, examine the relationships of major eras of political change, examine the influences and struggles of minority and ethnic groups, study the rights and responsibilities of citizenship, and place historical events and literary selections relevant to the study of America.

(ESV-3010) SHELTERED GOVERNMENT

Length/Credit: One Semester, 0.5 credit

Prerequisite: None, Open to grade 11-12

Graduation Requirement: Government

Students will learn about the basic principles of American government, major topics of study are the Constitution, federal, state and local government. Students will also discuss current political issues.

FINE & PERFORMING ARTS

These courses satisfy Fine Arts requirements. Check your graduation requirements. Courses listed in this section may not be offered if not justified by sufficient enrollment.

These courses also satisfy Elective requirements.

*Exploring Visual Art and Drawing I are the entry level courses for all subsequent art courses.

Art

(FAA-3020) EXPLORING VISUAL ART

Length/Credit: One Semester, 0.5 credit

Prerequisite: None, Open to grade 9-12

Identify and apply the elements and principles of design through a variety of media such as drawing, printmaking, sculpture, painting, and collage; utilize design vocabulary.

(FAA-3030) DRAWING I

Length/Credit: One Semester, 0.5 credit

Prerequisite: None, Open to grade 9-12

Develop entry level drawing skills; demonstrate the use of measurement guides and proportion; produce value scales; work with shading; study composition, and explore techniques in a variety of media.

(FAA-3040) DRAWING II

Length/Credit: One Semester, 0.5 credit

Prerequisite: Drawing I, Open to grade 9-12

Students experience advanced drawing techniques using wet and dry mediums. You will be expected to perform at an advanced level to draw such assignments as figure, portrait, landscape, still life, as well as a variety of other observational and imaginative subjects. This is not a beginning level course.

(FAA-3050) 3-D DESIGN AND CONSTRUCTION I

Length/Credit: One Semester, 0.5 credit

Prerequisite: Exploring Visual Art or Drawing I
Open to grade 9-12

Create 3-dimensional sculptures in plaster, clay, and other media using additive and subtractive techniques. Explore hand built clay construction, wheel thrown pottery and glazing techniques.

(FAA-3060) 3-D DESIGN AND CONSTRUCTION II

Length/Credit: One Semester, 0.5 credit

Prerequisite: 3-D Design and Construction I
Open to grade 10-12

Students will have an opportunity for advanced independent study in ceramics and/or sculpture.

Develop the skill of critiquing and accepting criticism of work; present a portfolio of advanced work.

(FAA-3080) PAINTING I

Length/Credit: One Semester, 0.5 credit

Prerequisite: Exploring Visual Art or Drawing I
Open to grade 9-12

Students will study and use variety of media including watercolor, acrylics, and water-based inks. They will demonstrate painting and composition techniques; apply color theory, utilize 2-D and 3-D formats, and recognize artists and styles from various movements in history.

(FAA-3090) PAINTING II

Length/Credit: One Semester, 0.5 credit

Prerequisite: Painting I, Open to grade 10-12

Students will set independent goals in one or more media/styles of painting. Students will utilize color schemes, demonstrate color mixing and express knowledge of selected media/styles. They will be responsible for additional study of art history, and present a portfolio of advanced work demonstrating personal growth and increased understanding of selected media.

(FAA-3130) PHOTOGRAPHY I**Length/Credit:** One Semester, 0.5 credit**Prerequisite:** None, Open to grade 10-12

Students will explore the use of a camera, darkroom, and digital techniques as a tool for expressions. Black and white along with colored photography will be the focus of this course. Students will understand the camera body parts and functions, available light, exposure, basic darkroom techniques, the history of photography, utilization of the elements and principles of design, demonstrate skills in photocomposition, analyze, appreciate good photography, and explore photographic career opportunities.

(FAA-3240) PHOTOGRAPHY II**Length/Credit:** One Semester, 0.5 credit**Prerequisite:** Photography I, Open to grade 10-12

This course is an extension of Photography I. It advances the students' skills in digital photography and includes the study of art history, art criticism, aesthetics, and the elements and principles of design. Students will build a portfolio and explore photographic career opportunities. This course is lab-oriented, but may require textbook reading and classroom assignments.

(AAT-3110) GRAPHIC DESIGN**Length/Credit:** One Semester, 0.5 credit**Prerequisite:** None, Open to grade 10-12

This course will fulfill the Fine Arts graduation requirement.

Analyze and create graphic designs through primarily computer-based projects including photo editing, logos, package designs, posters, collages, vector illustrations, and animations. Students will incorporate typography guidelines and the elements and principles of design into their graphic designs. To create their designs, students will use the software programs Adobe Photoshop and Adobe Illustrator. Recommended for students with intermediate computer skills who know how to copy, cut, paste, change fonts, font styles and font sizes, edit and insert graphics.

(AATN3270) ADVANCED GRAPHICS**Length/Credit:** One Semester, One hour, 0.5 credit**Prerequisite:** Graphic Design**Location:** Offered at JHS only*State Approved CTE course.*

Advanced Graphics students will use their knowledge from Graphic Design to explore advanced tools in the Adobe design software. Students will further their design skills through projects incorporating illustration, package design and interactive design. Advanced Graphics students will also work with area professionals on projects, explore design-related careers, and visit with college representatives about future opportunities in design.

**(CTA-3010) INTRODUCTION TO ARTS/
A/V TECHNOLOGY & COMMUNICATIONS****Length/Credit:** One Semester, Two hour block, 1 credit**Prerequisite:** None, Open to grade 10-12**Location:** Offered at CTE Academy only

This course will fulfill the Fine Arts graduation requirement.

Please see CTE: A/V Technology and Communication section for full course description.

Students will research, edit, write, produce, narrate and host audio/video projects, operate television studio equipment and learn to manage multiple media formats. Students will acquire skills necessary to produce programs that inform, entertain and persuade. This introductory media course enables students to understand and critically evaluate the role of media in society. Course content includes investigation of visual images, printed material, and video and audio segments, various techniques for delivery of a particular message, and creation of a media product.

(FAA-4010) ART INDEPENDENT STUDY I**Length/Credit:** One Semester, 0.5 credit**Prerequisite:** All art course offerings exhausted in area of study, Open to grade 11-12

This is an individualized studio course which requires advanced skill. Students should contact the teacher prior to registering for this course.

The student and instructor will determine areas of study, goals and assessment criteria at the time of registration. Focus will be on a specific medium approved by the instructor; produce a portfolio of work and experience self-assessment; display work to peers and public.

(FAA-4020) ART INDEPENDENT STUDY II**Length/Credit:** One Semester, 0.5 credit**Prerequisite:** All art course offerings exhausted in area of study Open to grade 11-12

This is an independent study for advanced students.

The student and instructor will determine areas of study, goals and assessment criteria at the time of registration. Establish goals based on previous work; accomplish goals and demonstrate proficiency; produce a portfolio and display work.

(FAA-5011/5012) AP STUDIO ART: DRAWING**(FAA-5021/5022) AP STUDIO ART: 2D DESIGN****(FAA-5031/5032) AP STUDIO ART: 3D DESIGN****Length/Credit:** One Year, 1 credit**Prerequisite:** None, Open to grade 11-12**AP Studio Art: Drawing****Drawing I is recommended.****AP Studio Art: 2D Design****Exploring Visual Art is recommended.****AP Studio Art:3D****Exploring Visual Art and 3D Design & Constr. I is recommended.**

Students are expected to take the AP exam.

Students will have the option of submitting one of three different portfolios-Drawing, 2D Design, or 3D Design-each based upon different skills mastered and concepts addressed in college-level foundation courses. Therefore students will need to select one of the above.

These courses are designed for students who are seriously interested in the practical experience of art. The learning experience is equal to that of an introductory college course in studio art. AP Studio Art is not based on a written exam; instead students submit portfolios for an end-of-year evaluation to the AP College board based on breadth, quality and concentration. Portfolios include required examples of work representing the student's exploration of media and self expression. Students will need to work in and outside the classroom to complete the required portfolio. College credit may be earned with the completion of the portfolio and evaluation. (Establish goals based on previous work; accomplish goals and demonstrate proficiency; produce a portfolio and display work.)

DANCE**(FAE-3010) INTRODUCTION TO DANCE**

Length/Credit: One Semester, 0.5 credit
Fine Arts or Elective requirement

Prerequisite: Open to grade 9-12

Students will develop an understanding of dance as an art form and will learn to creatively use basic dance movements as an instrument of communication and self expression. Students will study a variety of dance genres presented in cultural and historical context. The vocabulary, elements, choreographic skills and techniques of dance will be introduced.

DRAMA

These courses also satisfy Elective requirements.

(FAD-3010) THEATRE I

Length/Credit: One Semester, 0.5 credit

Prerequisite: None, Open to grade 9-12

Theatre I class fosters the development of communication skills, creative expression, critical thinking and collaborative relationships. Specifically, students will write, *create* and perform in a classroom dramatization; students will work *collaboratively* in an ensemble; students will develop theatre-specific vocabulary in order to *communicate* within the discipline of theatre; students will use *critical thinking* to understand the connection of theater to culture, society, politics, and history; students will use *critical thinking* to analyze a character, and then *create* a character and *communicate* the character to an audience and students will use theatrical understanding to evaluate a theatrical production, and *communicate* opinions founded in *critical thinking*.

(FAD-3020) THEATRE II

Length/Credit: One Semester, 0.5 credit

Prerequisite: Theatre I, Open to grade 10-12

Theatre II emphasizes the student as the performer. Students will work collaboratively as an ensemble; read and write scripts; develop and depict self-created characters, develop and depict characters from published scripts; attend and critique theatrical productions; develop the ability to audition for a play; demonstrate the discipline needed to commit to a rehearsal and performance schedule; understand the technical elements within a production; and grow as a performer by performing before an audience.

(FAD-3030) PLAY PRODUCTION I

Length/Credit: One Semester, 0.5 credit

Prerequisite: None, Open to grade 9-12

A minimum of 15 hours per quarter of outside class time is required by the end of the semester.

Describe the essential areas (scenery, lights, sound, make-up, costumes, props, publicity, house, and business management) of technical theatre; define terms and all basic features of a stage; explain the role of various technical designers; demonstrate various techniques in theatrical production, which may include: painting, stage lighting, set construction, costume construction, and prop construction; contribute to the promotion of theatrical productions; exhibit the skills and understanding necessary to construct basic scenery; combine aspects of theatrical production by designing elements of a student-selected play, including a scale model; demonstrate the importance of making and fulfilling work commitment to the class.

(FAD-3040) PLAY PRODUCTION II

Length/Credit: One Semester, 0.5 credit

Prerequisite: Play Production I or instructor permission
 Open to grade 9-12

A minimum of 15 hours per quarter of outside class time is required by the end of the semester.

Demonstrate leadership skills in one or more of the nine areas of technical theatre; show the use of color in lighting, set and costume design; generate elements utilized in theatrical productions; exhibit the discipline needed to serve as a productive theatre technician; demonstrate the importance of making and fulfilling work commitment to the class.

(LAO-3010) ORAL INTERPRETATION

Length/Credit: One Semester, 0.5 credit

English or Fine Arts Elective

Prerequisite: None, Open to grade 9-12

Understand the art and craft of oral interpretation; create or find appropriate cuttings of literature; write appropriate introductions; understand the full range of vocal and physical skills needed to make presentations enjoyable; exhibit good personal communication and audience member skills; appreciate the skills and performance of others; learn to accept constructive criticism.

(LAO-3020) TEAM ORAL INTERPRETATION

Length/Credit: One Semester, 0.5 credit

English or Fine Arts Elective

Prerequisite: Oral Interpretation, Open to grade 10-12

This course requires the permission of the instructor.

Locate appropriate, quality pieces of literature for presentation and competition; cut literature to fit limitations imposed by competition; write an appropriate introduction; analyze the thematic elements of the selection; profile character through detailed analyses; utilize a full range of vocal and physical skills to best present a selection; develop an emotional empathy for the situation and character; exhibit strong personal communication attributes such as confidence, poise, and rapport with an audience; exhibit audience member skills such as attentiveness, courtesy, and appreciation; gain an appreciation of the art and craft of oral interpretation; gain an appreciation of the skills and performances of others; learn to accept constructive criticism in a positive manner; develop an appreciation of the lifetime skills gained through oral interpretation.

MUSIC

These courses also satisfy Elective requirements.

(FAM-3011/3012) MUSIC THEORY

Length/Credit: One Year, 1 credit

Prerequisite: None, Open to grade 11-12

Demonstrate musical literacy by reading, analyzing, creating, and performing musical scores; improve musical hearing by identifying intervals and basic harmony through dictation and/or sight singing; utilize an expanded musical vocabulary by identifying the formal structures of music from recorded and written examples; practice basic proficiency in the use of music notation software.

(FAM-5011/5012) AP MUSIC THEORY**Length/Credit:** One Year, 1 credit**Prerequisite:** None, Open to grade 11-12*Students are expected to take the AP Exam.*

Students will read, notate, compose, analyze, perform and listen to music. Students will listen to musical works attentively and analytically, developing their “musical memory” and their ability to articulate responses to formal, stylistic, and aesthetic qualities of works. Performance, using singing, keyboard and the student’s primary performance media is also included.

(FAB-3011/3012) FRESHMAN BAND**Length/Credit:** One Year, 1 credit**Prerequisite:** Open to anyone who plays a band instrument, Open to grade 9

In this course, students will improve proficiency in all aspects of reading and performing instrumental music. Through the rehearsal and study of quality wind band literature, students will strengthen individual playing techniques and skills; learn about the theory, history, and vocabulary of music; demonstrate confidence and poise during public performances; and learn to work collaboratively as a member of the ensemble. This course emphasizes the importance of participation, appreciation, and support of music for life.

(FAB-3021/3022) VARSITY BAND**Length/Credit:** One Year, 1 credit**Prerequisite:** Open to anyone who plays a band instrument, Open to grade 10-12

In this course, students will improve proficiency in all aspects of reading and performing instrumental music. Through the rehearsal and study of quality wind band literature, students will strengthen individual playing techniques and skills; learn about the theory, history, and vocabulary of music; demonstrate confidence and poise during public performances; and learn to work collaboratively as a member of the ensemble. This course emphasizes the importance of participation, appreciation, and support of music for life.

(FAB-3031/3032) CONCERT BAND**Length/Credit:** One Year, 1 credit**Prerequisite:** Open to anyone who plays a band instrument, Open to grade 9-12*Placement in Concert Band is by audition.*

In this course, students will improve proficiency in all aspects of reading and performing instrumental music. Through the rehearsal and study of quality wind band literature, students will strengthen individual playing techniques and skills; learn about the theory, history, and vocabulary of music; demonstrate confidence and poise during public performances; and learn to work collaboratively as a member of the ensemble. This course emphasizes the importance of participation, appreciation, and support of music for life.

(FAB-4011/4012) SYMPHONIC BAND**Length/Credit:** One Year, 1 credit**Prerequisite:** Open to anyone who plays a band instrument, Open to grade 9-12*Placement in Symphonic Band is by audition; this is the highest-level auditioned band.*

In this course, students will improve proficiency in all aspects of reading and performing instrumental music. Through the rehearsal and study of quality wind band literature, students will strengthen individual playing techniques and skills; learn about the theory, history, and vocabulary of music; demonstrate confidence and poise during public performances; and learn to work collaboratively as a member of the ensemble. This course emphasizes the importance of participation, appreciation, and support of music for life.

(FAO-3041/3042) FRESHMAN ORCHESTRA**Length/Credit:** One Year, 1 credit**Prerequisite:** None, Open to grade 9 student who plays an orchestra instrument

Demonstrate mastery of performance music; regular individual practice required; develop proficiency in reading music; demonstrate confidence and poise during public performance.

(FAO-3011/3012) ORCHESTRA**Length/Credit:** One Year, 1 credit**Prerequisite:** None, Open to grade 9-12 student who plays an orchestra instrument

Demonstrate mastery of performance music; regular individual practice required; develop proficiency in reading music; demonstrate confidence and poise during public performance; develop a working knowledge of musical terms and a sense of musical history.

(FAO-3031/3032) SYMPHONY ORCHESTRA**Length/Credit:** One Year, 1 credit**Prerequisite:** None, Open to grade 9-12 student who plays an orchestra instrument*Placement in Symphony Orchestra is by audition.*

Demonstrate mastery of performance music; regular individual practice required; develop proficiency in reading music; demonstrate confidence and poise during public performance; develop working knowledge of musical terms and a sense of musical history.

(FAO-3051/3052) CONCERT ORCHESTRA**Length/Credit:** One Year, 1 credit**Prerequisite:** None, Open to grade 9-12 student who plays an orchestra instrument**Location:** WHS, RHS

Demonstrate mastery of performance music; regular individual practice required; develop proficiency in reading music; demonstrate confidence and poise during public performance; develop working knowledge of musical terms and a sense of musical history.

(FAC-3011/3012) FRESHMAN CHORUS**Length/Credit:** One Year, 1 credit**Prerequisite:** None, Open to all grade 9 (WHS)
Open to grade 9 soprano/alto voices

(JHS, LHS, RHS)

No Auditions required. Some outside hours required.

Gain knowledge of proper care for the voice, develop music reading skills, develop knowledge of musical terms and symbols, demonstrate confidence and poise during public performance, develop awareness for the arts as a vital part of lifelong learning.

(FAC-3021/3022) MIXED CHORUS**Length/Credit:** One Year, 1 credit**Prerequisite:** None,
Open to grade 10-12

(WHS Warrior Chorus)

Open to tenor/basses grades 9-12 &
soprano/altos grade 10-12 (JHS, LHS, RHS)*No auditions required. Some outside hours required.*

Gain knowledge of proper care for the voice, develop a working knowledge of musical terms and symbols, enhance music reading skills, demonstrate confidence and poise during public performance, develop awareness for the arts as a vital part of lifelong learning.

(FAC-4011/4012) CONCERT CHOIR

Length/Credit: One Year, 1 credit
Prerequisite: None, Open to grade 11-12
*Placement in Concert Choir is by audition.
 Some outside hours required.*

LHS students only: Some outside hours required and lunch ensemble participation required.

Display a working knowledge of musical terms and symbols, perfect their music reading skills, refine individual vocal technique, study and perform advanced choral literature ranging from the Renaissance Period through the 21st Century, exemplify confidence and poise in advanced level concert performances, recognize the vital role that arts play in our world.

(FAC-3081/3082) CHORALE

Length/Credit: One Year, 1 credit
Location: RHS Only
Prerequisite: None, Open to grade 10-12
*Placement in Chorale is by audition.
 Some outside hours required.*

Display a working knowledge of musical terms and symbols, perfect their music reading skills, refine individual vocal technique, study and perform advanced choral literature ranging from the Renaissance Period through the 21st Century, exemplify confidence and poise in advanced level concert performances, recognize the vital role that arts play in our world.

(FAM-3020) BEGINNER GUITAR

Length/Credit: One Semester, 0.5 credit
Prerequisite: None, Open to grade 9-12

Students will learn the basics of playing guitar at a beginning level through strumming, studying music notation, chord symbols, and instructor modeling. The course is intended for students who wish to study music but do not currently play in band, play in orchestra, sing in choir, or have experience playing guitar.

Please see School Clubs, Organizations and Activities page for musical groups that meet during lunch/study.

(ELE-2100/ELE-2200) PEER TUTORING

Length/Credit: One Semester, 0.5 or 1 credit
Prerequisite: None, Open to grade 11-12
Peer Tutoring can be taken for a maximum of 1 credit during a student's high school career.

Provide opportunities for positive student-to-student interaction and learning; serve as a role model for other students. Must be extremely reliable and able to confidently support the learning environment and objectives of the classroom teacher. Application form must be completed in the counseling office.

(ELE-2140) DEPARTMENT AIDE/OFFICE AIDE

Length/Credit: One Semester, No credit
Prerequisite: None, Open to grade 12
*Enrollment in this class will occur during first week of each semester. Students are responsible for finding your own aiding assignment. Report to study hall for the first week of each semester. Contact the counselor's office if you are interested.
 This may not be repeated.*

Develop interpersonal skills; develop writing skills through journaling; assist a teacher or office personnel in conducting daily classroom or office business.

(ELE-3091/3092) OCETI SAKOWIN OWAUNSP

Length/Credit: One Semester OR One Year, 0.5 or 1 credit
Prerequisite: None, Open to grade 9-12

This course designed for Indigenous students.

Develop an understanding and appreciation of Indigenous virtues and culture; develop strategies for academic school success; experience positive in day-to-day school interactions.

(ELE-3460) TEACHER PATHWAY I

This may be taken as a Dual Credit course.

Length/Credit: One Semester, 0.5 credit
Prerequisite: None, Open to grade 11-12
*Dual credit class where students are visiting another classroom at least once a week. Recommended for students considering a career in the field of education.
 Fulfills a general elective requirement. Does not meet English elective requirement.*

Explore a profession in teaching without the commitment of college tuition! Gain a clear understanding of the diversity of career options within this field through exciting hands-on experience, discussion, speakers, reading, writing, collaboration, and reflection. Learn about learning! By leaving the high school classroom at least once a week, you will use your curiosity to explore classrooms from the perspective of an educator. You will reflect on your own learning experiences as well as understand learning environments, teaching methodology, and best practices. Discover ways you can become an active part of the education field!

(LAE-3150) TEACHER PATHWAY II

This may be taken as a Dual Credit course.

Length/Credit: One Semester, 0.5 credit
Prerequisite: None, Open to grade 11-12
*Dual credit class where students are visiting another classroom at least once a week. Recommended for students considering a career in the field of education. This semester includes a research component.
 Fulfills an English elective requirement.*

Explore a profession in teaching without the commitment of college tuition! Gain a clear understanding of diversity of career options within this field through exciting hands-on experience, discussion, speakers, reading, writing, collaboration, and reflection. Learn about learning! By leaving the high school classroom at least once a week, you will use your curiosity to explore classrooms from the perspective of an educator. You will reflect on your own learning experiences as well as understand learning environments, teaching methodology, and best practices. Discover ways you can become an active part of the education field! This semester includes a research component.

ADDITIONAL COURSES

These courses satisfy General Elective requirements.
 Elective courses listed may not be offered if not justified by sufficient enrollment.

(ELE-2060) STUDENT MENTORING

Length/Credit: One Semester, 0.5 credit
Prerequisite: None, Open to grade 11-12
This course will meet one semester; 1 period and travel. This course is non-graded. Student Mentoring can only be taken for 0.5 credit during a student's high school career.

Provide opportunities for positive student-to-student interaction at an elementary or middle school; serve as a role model for other students and support the learning environment and objectives of the classroom teacher. Application form must be completed in the counseling office. Must have transportation, and be extremely reliable.

(ELE-3470) CAREER INTERNSHIP I**Length/Credit:** One Semester, 1 credit**Prerequisite:** None, Open to grade 11-12

Students will gain hands-on experience through an internship in the community. Students will develop employability skills, gain work experience, and complete a portfolio.

(ELE-3480) CAREER INTERNSHIP II**Length/Credit:** One Semester, 1 credit**Prerequisite:** None, Open to grade 11-12

Students will gain hands-on experience through an internship in the community. Students will develop employability skills, gain work experience, and complete a portfolio.

(ELE-3490) CAREER INTERNSHIP III**Length/Credit:** One Semester, 1 credit**Prerequisite:** None, Open to grade 11-12

Students will gain hands-on experience through an internship in the community. Students will develop employability skills, gain work experience, and complete a portfolio.

(ELE-3341/3342) STUDENT LEADERSHIP I**Length/Credit:** One Year, 0.5 credit during lunch study**Prerequisite:** None, Open to grade 9-12 (RHS only)

Class meets opposite lunch for an entire year for 0.5 credit.

This course will offer students development in leadership skills that can be applied at RHS and in the community. The class will focus on promoting school pride, studying past and present leaders, and developing interpersonal skills. Students will be expected to complete a service learning project that applies these leadership skills.

(ELE-3371/3372) STUDENT LEADERSHIP II**Length/Credit:** One Year, 0.5 credit during lunch study**Prerequisite:** None, Open to grade 9-12 (RHS only)

Class meets opposite lunch for an entire year for 0.5 credit.

This course will offer students the opportunity to develop and improve on areas such as goal setting, effective communication, servant leadership, organization, time management, and decision making. Students will develop leadership skills by learning from leaders in our school and community, as well as from a book study, and building relationships with a diverse population of students at RHS.

(ELE-3361/3362) PEER INSIGHTS**Length/Credit:** One Year, 0.5 or 1 credit during lunch**Prerequisite:** None, Open to grade 11-12**(JHS & RHS only)**

Provide opportunities for positive student-to-student interaction and learning with RISE students. Must be extremely reliable and able to confidently support the learning environment and objectives of the RISE classroom teacher. Application form must be completed in the counseling office.

(ELE-3541/3542) JOBS FOR AMERICA'S GRADUATES I**Length/Credit:** One Year, 1.0 credit**Prerequisite:** recommendation by counselor or teacher. Open to grade 9-12

JAG empowers students to take the lead on planning projects centered on civic responsibility, leadership, social interaction, academic performance, and professionalism. JAG students collectively decide how projects, class assignments, and community engagement activities are carried out by electing a governing body, assigning leadership roles, then holding each other accountable. The purpose of the JAG-SD program is to provide participants with classroom and work-based learning experiences that result in developing skills needed to be successful in life, leading to a fulfilling career after graduation.

(ELE-3551/3552)**JOBS FOR AMERICA'S GRADUATES II****Length/Credit:** One Year, 1.0 credit**Prerequisite:** JAG I, Open to grade 9-12

Jobs for America's Graduates (JAG) courses empower students to develop career readiness and job survival skills. In addition, leadership, personal responsibility, and life survival skill competencies are developed. The purpose of the program is to provide participants with classroom and work-based learning experiences that prepare students for future success. JAG course projects may vary according to student, school and community needs.

(ELE-3561/3562)**JOBS FOR AMERICA'S GRADUATES III****Length/Credit:** One Year, 1.0 credit**Prerequisite:** JAG I, JAG II, Open to grade 9-12

Jobs for America's Graduates (JAG) courses empower students to develop career readiness and job survival skills. In addition, leadership, personal responsibility, and life survival skill competencies are developed. The purpose of the program is to provide participants with classroom and work-based learning experiences that prepare students for future success. JAG course projects may vary according to student, school and community needs.

(ELE-3421/3422) SPORTS COMMUNICATION, MARKETING, AND VIDEO PRODUCTION**Length/Credit:** One Year, 1 credit OR One Sem, 0.5 credit**Prerequisite:** None, Open to grade 9-12

Students learn skills in graphic design, broadcast journalism, social media marketing, web stream production, and game-day operations. Students participate in game-day production on the school's web streaming platform. Students learn directing camera, play-by-play and color commentary, in-game social media, show control, and statistics. Students are involved in pre-game/post-game preparation including social media, graphics, interviews, and hype-video. *Students will be required to work at some of the events outside of the school day as part of the curriculum.*

(LAE-5021/5022) AP SEMINAR CAPSTONE**Length/Credit:** One Year, 1 credit**Prerequisite:** None, Open to grade 10-12

Students engage in cross-curricular conversations exploring the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students read and analyze articles, studies, and foundational, literary, and philosophical texts. Students listen to and view speeches and personal accounts; and experience artistic works. Students learn to synthesize information from multiple sources, develop their own perspectives in written essays and oral and visual presentations, both individually and as a team. The course equips students to analyze and evaluate information with accuracy to craft and communicate evidence-based arguments.

(CTS-3090) INTRODUCTION TO ATHLETIC TRAINING**Length/Credit:** One Semester, 0.5 credit**Prerequisite:** Health Careers I, Principles of BioMed, Human Body Systems or Anatomy & Physiology, Open to grade 11-12

Introduces athletic training and basic principles of preventative care. Topics will include athletic training facility organization and procedures; protective sports equipment; construction of protective devices; and application of protective taping, bracing, wrapping, and protective padding. Explore the role of the athletic trainer in sports medicine, mechanisms of athletic injuries, tissue response to injury, blood-borne pathogens, introductory techniques of the assessment and evaluation of athletic injuries and emergency procedures. This course may require hours of internship.

(LAC-5021/5022) AP RESEARCH CAPSTONE**Length/Credit:** One Year, 1 credit**Prerequisite:** AP Seminar Capstone with passing AP score of 3 or higher, Open to grade 11-12

AP Research, the second course in the AP Capstone experience, allows students to deeply explore an academic topic, problem, issue, or idea of individual interest. Students design, plan, and implement a yearlong investigation to address a research question. Through this inquiry, they further the skills they acquired in the AP Seminar course by learning research methodology, employing ethical research practices, and accessing, analyzing, and synthesizing information. Students reflect on their skill development, document their process and reflection portfolio. The course culminates in an academic paper of 4,000-5,000 words (accompanied by a performance, exhibit, or product where applicable) and a presentation with an oral defense.

**(MARINES) JUNIOR RESERVE OFFICER'S
TRAINING CORPS PROGRAM - (JROTC)
AVAILABLE ONLY AT LINCOLN HIGH SCHOOL**

These courses satisfy General Elective requirements, as well as a CTE requirement for graduation. There is no military obligation associated with these courses. Weekend activities, week long summer camp, drill team, air rifle team, and color guard are optional.

(ELR-3011/3012) LEADERSHIP EDUCATION (LE-I)**Length/Credit:** One Year, 1 credit**Prerequisite:** None, Open to grade 9-12, LHS

The first year of the program provides cadets with an introduction to both leadership and citizenship. The first year also gives the new cadets exposure to personal growth and responsibility and establishes a foundation of military structure and tradition.

(ELR-3021/3022) LEADERSHIP EDUCATION II (LE-II)**Length/Credit:** One Year, 1 credit**Prerequisite:** Leadership Education (LE-I)
Open to grade 10-12, LHS

The second year continues the leadership and citizenship classes of LE-I. During LE-II the students receive instruction in general military subjects with more structure and tradition than in LE-I, as well as the introduction of civilian marksmanship and land navigation training with map and compass. This year also provides additional learning experiences in personal growth and responsibility, as well as citizenship.

(ELR-3031/3032) LEADERSHIP TRAINING III (LE-III)**Length/Credit:** One Year, 1 credit**Prerequisite:** Leadership Education (LE-II)
Open to grade 11-12, LHS

In LE-III, cadets will begin to apply their leadership training as they assume positions of increased authority and responsibility within the program. In this year, detailed instruction on inspections and teamwork is presented, as well as other preparation for life beyond high school.

(ELR-3041/3042) LEADERSHIP TRAINING IV (LE-IV)**Length/Credit:** One Year, 1 credit**Prerequisite:** Leadership Training (LE-III)
Open to grade 12, LHS

Senior cadets will conduct formations and inspections, as well as supervise certain training events with younger cadets. LE-4 cadets continue to be challenged academically with requirements for research projects, independent studies and progress reports.

(ELR-3050)**ADVANCE LEADERSHIP
EDUCATION MILITARY DRILL****Length/Credit:** One Year, .5 credit**Prerequisite:** Enrollment in MCJROTC
Open to grade 9-12, LHS

This LHS one-year .5 credit is an extension of the standard program designed to enhance the skills taught at an advanced placement (AP) level. Explains all aspects of MCJROTC drill and ceremonies, uniforms, clothing & equipment, customs, courtesies and traditions of the Marine Corps, rank structure, and chain of command.

(ELR-3060)**ADVANCE LEADERSHIP
EDUCATION MARKSMANSHIP****Length/Credit:** One Year, .5 credit**Prerequisite:** Enrollment in MCJROTC
Open to grade 9-12, LHS

This LHS one-year .5 credit is an extension of the standard program designed to enhance the skills taught at an advanced placement (AP) level. Explains all of the aspects of competitive air rifle information, safe operation, training of air rifle marksmanship, and USA sports competitive shooting.

**(ARMY) JUNIOR RESERVE OFFICER'S
TRAINING CORPS PROGRAM - (JROTC)
AVAILABLE ONLY AT WASHINGTON HIGH SCHOOL**

These courses satisfy CTE credit in Government and Public Administration requirements. There is no military obligation associated with these courses. Weekend activities, week-long summer camp, drill team and color guard are optional.

(ELR-3011/3012) LEADERSHIP ED & TRAINING I**Length/Credit:** One Year, 1 credit**Prerequisite:** None, Open to grade 9-12, WHS

Demonstrate leadership traits of an effective and responsible leader; demonstrate an understanding of the evolution of U.S. citizenship and the freedoms stated in the Bill of Rights; describe the importance of career planning, goal setting; and time management; demonstrate effective communication skills; develop an appreciation of physical fitness in maintaining good health and appearance; display proficiency in first-aid techniques and map reading; demonstrate a high level of self-confidence.

(ELR-3021/3022) LEADERSHIP ED & TRAINING II**Length/Credit:** One Year, 1 credit**Prerequisite:** Leadership Ed & Training I,
Open to grade 10-12, WHS

Demonstrate leadership traits by preparing lessons and teaching a class; apply values and responsibilities of leadership in classroom activities and drills; describe the importance of career planning, goal setting, and time management; lead a squad or platoon in company drill; demonstrate effective communication skills; develop physical fitness by maintaining good health and appearance; demonstrate proficiency in first-aid techniques and map reading; demonstrate a high level of self-confidence.

(ELR-3031/3032) LEADERSHIP ED & TRAINING III**Length/Credit:** One Year, 1 credit**Prerequisite:** Leadership Ed & Training II,
Open to grade 11-12, WHS

Demonstrate the leadership traits of an effective and responsible leader; demonstrate understanding of evolution of US citizenship and freedoms stated in Bill of Rights; describe the importance of career planning, goal setting, and time management; demonstrate effective communication skills; develop appreciation of physical fitness in maintaining good health and appearance; demonstrate proficiency in first-aid techniques and map reading; demonstrate a high level of self-confidence.

JROTC Army

JROTC Air Force

Math

(ELR-3041/3042) LEADERSHIP ED & TRAINING IV

Length/Credit: One Year, 1 credit
Prerequisite: Leadership Ed & Training III, Open to grade 12, WHS

Primary emphasis placed on practical application of the cadet's leadership duties and responsibilities within the cadet battalion; display knowledge of the ethical values and principles that underline good citizenship which include integrity, responsibility, and respect for constituted authority; demonstrate leadership potential with abilities to live and work cooperatively with others; display ability to think logically and to effectively communicate orally and in writing; demonstrate the importance of physical fitness in maintaining good health; acquire knowledge of the effects and dangers of substance abuse, ways to resist pressures to try drugs, and how to help others avoid them; development of mental management abilities including goal setting, visualization, and positive self talk; become familiar with the American military history in relation to the U.S. development; demonstrate the ability to market oneself for a job; express a desire to graduate from high school.

(ELR-3050) ADVANCE LEADERSHIP EDUCATION MILITARY DRILL

Length/Credit: One Year, 0.5 credit
Prerequisite: Enrollment in JROTC Open to grade 9-12, WHS

This WHS one-year .5 credit is an extension of the standard program designed to enhance the skills taught at an advanced placement (AP) level. The course explains all aspects of JROTC drill and ceremonies, uniforms, clothing & equipment, customs, courtesies, traditions, rank structure, and chain of command.

(AIR FORCE) JUNIOR RESERVE OFFICER'S TRAINING CORPS PROGRAM - (JROTC) AVAILABLE ONLY AT ROOSEVELT HIGH SCHOOL

These courses satisfy CTE credit in Government and Public Administration requirements. There is no military obligation associated with these courses. Weekend activities, week-long summer camp, drill team and color guard are optional.

(ELE-3611/3612) LEADERSHIP ED & TRAINING I

Length/Credit: One Year, 1 credit
Prerequisite: None, Open to grade 9-12, RHS

The first year course is predominantly a historical perspective of the role of the military throughout the history of the United States with emphasis on aerospace developments and their influence on National Policy and objectives worldwide. In addition, the course provides leadership experiences that help to develop positive attitudes toward authority, responsibility, and self-discipline. There is also concentrated study on the history of the American flag and the customs and courtesies rendered to it.

(ELE-3621/3622) LEADERSHIP ED & TRAINING II

Length/Credit: One Year, 1 credit
Prerequisite: Leadership Ed & Training I, Open to grade 10-12, RHS

Air Force Junior Reserve Officer Training Corps (ROTC) II courses include both aerospace studies and leadership/life skills education. In these courses, leadership/life skills lessons cover intercommunication skills, drill, and military ceremonies. Aerospace topics emphasize the science of flight, including factors of aerospace power, aircraft flight, and navigation.

MATHEMATICS

Graduation Requirements

- 3 credits of Math
- 1 credit must be Algebra I
 - 2 credits Math electives

Advanced Career Endorsement Requirements

- 3 credits of Math
- 1 credit must be Algebra I
 - 2 credits Math electives

Advanced Endorsement Requirement

- 3 credits of Math
- 1 credit must be Algebra I
 - 1 credit must be Geometry
 - 1 credit must be Algebra II

Advanced Honors Endorsement Requirements

- 4 credits of Math
- 1 credit must be Algebra I
 - 1 credit must be Geometry
 - 1 credit must be Algebra II
 - 1 credit must be a course in Advanced Math

(MAA-2081/2082) PRE-ALGEBRA I

Length/Credit: One Year, 1 credit
Prerequisite: None, Open to grade 9-11
Counselor approval required.

Our Pre-Algebra course is an introduction to basic algebra concepts and a review of arithmetic algorithms. The course emphasizes the concepts necessary to be successful in Algebra 1. The course helps students develop good mathematical study skills and learning strategies. Students will explore algebraic expressions and integers, solve one and two-step equations and inequalities, factors, fractions, exponents, linear functions, and nonlinear functions.

(MAA-3011/3012) ALGEBRA I

(MAAN3011/3012) PBL Academy at Jefferson
Length/Credit: One Year, 1 credit
Prerequisite: None, Open to grade 9-12

Algebra I is a year-long course that focuses on linear, quadratic, and exponential relationships. Investigations will include an emphasis on the algebraic manipulation of expressions, equations, and inequalities; on systems of equations and inequalities as well as recursive linear and geometric patterns; and representing equations, including graphing, transformations, and modeling with functions. Algebra I will include a review of operations with real numbers and a focus on linear, quadratic, and exponential relationships based on data. Problem solving skills play a major role in the course, and students will learn how to apply data collected from real world situations.

(MAA-2061/2062) INVESTIGATIVE ALGEBRA I

Length/Credit: One Year, 1 credit
Prerequisite: None, Open to grade 9-12
Counselor approval required.

To prepare both mathematical and language skills for subsequent mathematics courses with reinforcement in the areas of real numbers and their properties, reasoning and problem-solving, basic geometry, and basic probability and data analysis.

(MAG-3011/3012) GEOMETRY
*(MAGN3011/3012) PBL Academy at Jefferson***Length/Credit:** One Year, 1 credit**Prerequisite:** Algebra I, Open to grade 9-12

This course will follow the South Dakota State standards by: using geometric terminology in written and oral communications; demonstrate reasoning skills using logic and proofs; demonstrate understanding of parallel and perpendicular lines and angles; demonstrate problem-solving strategies to find measurements of polygons and circles; demonstrate an understanding of geometric constructions; discover relationships of geometric shapes and data generated by technology; solve formulas to find the areas and volumes of plane and solid figures; use trigonometric relationships to find lengths and angles of right triangles; explore properties of transformations; apply statistical reasoning to problem solving.

(MAG-4011/4012) ACCELERATED GEOMETRY**Length/Credit:** One Year, 1 credit**Prerequisite:** Algebra I, Open to grade 9-12

This course will follow the South Dakota State standards by: using geometric terminology in written and oral communications; demonstrate deep reasoning skills in presenting logic and proofs; demonstrate understanding of parallel and perpendicular lines and angles; demonstrate multiple problem-solving strategies to find measurements of polygons & circles; demonstrate an understanding of geometric constructions; discover relationship of geometric shapes and data generated by technology; solve formulas to find the areas and volumes of two-and three-dimensional figures; use trigonometric relationships to find lengths and angles of right triangles; deepen previous knowledge on the properties of transformations; apply statistical reasoning to problem solving.

(MAA-3031/3032) ALGEBRA II
*(MAAN3031/3032) PBL Academy at Jefferson***Length/Credit:** One Year, 1 credit**Prerequisite:** Algebra I, Open to grade 9-12*Geometry, or Accelerated Geometry recommended.*

This course will follow the South Dakota State standards. Students will solve quadratic equations; solve systems of equations graphically and algebraically, evaluate expressions with radicals and exponents; find complex solutions; solve exponential, rational, polynomial, and radical equations; study polynomial, exponential, rational functions, and statistical relationships; unit circle trigonometry; trigonometric ratios; analyze sine and cosine graphs.

(MAA-4011/4012) ACCELERATED ALGEBRA II**Length/Credit:** One Year, 1 credit**Prerequisite:** Algebra I, Open to grade 9-12*Accelerated Geometry recommended.*

This course will follow the South Dakota State standards. Students will solve quadratic equations; solve systems of equations graphically and algebraically; evaluate expressions with radicals and exponents; find complex solutions; solve exponential, rational, polynomial, and radical equations; study polynomial, exponential, logarithmic, simplify rational expressions rational functions, and statistical relationships; unit circle trigonometry; trigonometric ratios; analyze sine and cosine graphs.

(MAM-3011/3012) COLLEGE PREP MATH**Length/Credit:** One Year, 1.0 credit**Prerequisite:** Algebra II, Open to grade 10-12

College Prep Algebra is intended to build a foundation for students progressing to College Algebra. Topics studied in the course will include: solving linear equations, graphs of linear functions, linear systems of equations, solving and graphing inequalities, polynomial functions & expressions, rational functions & expressions, radical functions & expressions, quadratic functions & expressions, exponential & logarithmic functions, and conic sections.

(LLM-4031/4032) COLLEGE ALGEBRA**This may be taken as a Dual Credit course.****Length/Credit:** One Year, 1.0 credit**Prerequisite:** Algebra II, Open to grade 11-12*This is taken as a Dual Credit course. Students must meet Dual Credit requirements and are responsible for Dual Credit fees and course materials.*

This course is a study of the theory and application of functions including function notation, graphs, inverses, polynomial, rational, exponential, logarithmic, and other functions. May also include additional topics such as sequences, series, the binomial theorem, linear system, matrices, or complex numbers.

(MAC-4021/4022) ACCELERATED PRECALCULUS*(MACN4021/4022) PBL Academy at Jefferson***Length/Credit:** One Year, 1 credit**Prerequisite:** Geometry and Algebra II,
Open to grade 9-12*Accelerated Geometry and Accelerated Algebra II recommended.*

Students in this course will demonstrate algebraic skills; solve equations and inequalities algebraically and graphically; analyze polynomial, rational, exponential, and logarithmic functions; study conics and matrices; analyze trigonometric and inverse trigonometric functions; apply the law of sines, law of cosines, parametric and vector concepts to real world situations; perform operations with polar equations and complex numbers in trigonometric form; determine limits; find derivatives; write equations of tangent lines.

(MAC-5011/5012) AP CALCULUS**Length/Credit:** One Year, 1 credit**Prerequisite:** Accelerated Precalculus
Open to grade 11-12*Students are expected to take the AP exam.*

AP Calculus is the study of limits, derivatives, and integrals used in modeling physical, biological and economic situations. Functions, concepts, results, and problems are expressed analytically, numerically, graphically, and verbally. Students must have knowledge of the properties, the algebra, and the graphs of linear, polynomial, rational, exponential, logarithmic, trigonometric, inverse trigonometric and piecewise-defined functions. Students will be prepared for the Calculus AB examination.

(MAS-5011/5012) AP STATISTICS**Length/Credit:** One Year, 1 credit**Prerequisite:** Algebra II, Open to grade 10-12*Students are expected to take the AP exam.*

Explore and analyze data using graphical and numerical techniques; plan and implement data collection; use probability to analyze distributions of data; determine appropriate models of statistical inference; make decisions based on confidence intervals and tests of significance.

(MAM-2030) CONSUMER MATH I**Length/Credit:** One Semester, 0.5 credit**Prerequisite:** None, Open to grade 10-12

Consumer Math I & II are NOT sequential classes. One is not required prior to or after the other. This class does not qualify for the 4th math class required for the South Dakota Opportunity Scholarship.

This course provides the opportunity for students to apply mathematical skills to a variety of consumer and business situations. It encourages students to become better consumers and to apply key concepts from Algebra in practical consumer situations. Consumer Math I will cover topics in the areas of the stock market, business finances, consumer credit cards and banking services.

(MAM-2040) CONSUMER MATH II**Length/Credit:** One Semester, 0.5 credit**Prerequisite:** None, Open to grade 10-12

Consumer Math I & II are NOT sequential classes. One is not required prior to or after the other. This class does not qualify for the 4th math class required for the South Dakota Opportunity Scholarship.

This course provides the opportunity for students to apply mathematical skills to a variety of consumer and business situations. It encourages students to become better consumers and to apply key concepts from Algebra in practical consumer situations. Consumer Math II will cover topics in the areas of automobile ownership, employment, income taxes, independent living, retirement and budgets.

(MAM-2071/2072) APPLIED MATH**Length/Credit:** One Year, 1 credit**Prerequisite:** Algebra I or Investigative Algebra, Open to grade 9-12

This class does not qualify for the 4th math class required for the South Dakota Opportunity Scholarship.

Applied Math is a year long course that uses number sense and measurement skills to problem solve applicable situations in various career and job trades. Each unity of study will include an emphasis on the math skills needed to complete real world case studies. Case studies may include but are not limited to: leasing vs financing a vehicle, investigating rate of metabolism, ordering materials for building and renovations. This course provides students the practical mathematic skills needed in a wide variety of trade, technical, and other occupational areas, including plumbing, culinary arts, automotive, electrical and construction trades, machine technology, landscaping, HVAC, health careers and many more.

PHYSICAL EDUCATION

Satisfies Physical Education and General Elective Requirements.

(PEP-2010) SPORTS AND FITNESS**Length/Credit:** One Semester, 0.5 credit**Prerequisite:** None, Open to grade 9-12

This course is designed for the less competitive crowd. By design, it is being taught with skill levels in mind. For the reluctant environment, this course is for you. Evaluation of personal fitness will be done through the completion of Fitness Gram Test.

(PEP-3010) RECREATIONAL FITNESS**Length/Credit:** One Semester, 0.5 credit**Prerequisite:** None, Open to grade 9-12

Demonstrate knowledge of health and skill related fitness components; use fitness terminology and follow rules; exhibit good sportsmanship and fairness, and decision making skills; develop strength, speed, agility, balance, coordination, flexibility, and muscular endurance; evaluation of personal fitness through the completion of the Fitness Gram Test. Units may include football, soccer, lawn games, softball, tennis, golf, ultimate Frisbee, volleyball, basketball, archery, weight training, net/court games.

(PEP-3020) BASIC STRENGTH TRAINING AND CONDITIONING**Length/Credit:** One Semester, 0.5 credit**Prerequisite:** None, Open to grade 9-12

This course is designed for students with little experience in the weight room.

List the benefits of strength training; improve upper and lower body strength; develop a program to benefit individual needs; demonstrate proper lifting and spotting fundamentals; perform warm-up activities and complete individualized workout charts.

(PEP-3030) STRENGTH TRAINING AND CONDITIONING I**Length/Credit:** One Semester, 0.5 credit**Prerequisite:** Basic Strength Training and Conditioning Open to grade 10-12

Apply prior knowledge of weight training techniques and procedures.

This class will apply the concepts learned and knowledge gained in Basic Strength Training and Conditioning. Students will develop an individualized training program that meets their needs for individual sport or personal specific health goals. New training practices include plyometrics, cardio workouts, super setting, and learning about new fitness equipment will be taught. Students will learn where to locate appropriate online resources and understand how to perform “no equipment” fitness training. Students will be able to demonstrate proper and safe techniques of the different skills learned.

(PEP-3040) STRENGTH TRAINING AND CONDITIONING II**Length/Credit:** One Semester, 0.5 credit**Prerequisite:** Basic Strength Training and Conditioning and Strength Training and Conditioning I Open to grade 10-12

Apply prior knowledge of weight training techniques and procedures.

This course will apply the concepts learned and knowledge gained in previous Strength Training and Conditioning courses. Students will continue to improve individual training principles. Students will learn about high intensity interval training (HITT) and body sculpting work. Other different training principles include how to understand burning calories, muscular strength, and endurance for personal goals.

(PEP-3270) STRENGTH TRAINING AND CONDITIONING III

Length/Credit: One Semester, 0.5 credit
Prerequisite: Strength Training and Conditioning II
 Open to grade 11-12

Students will be able to show the benefits of strength training through prior knowledge gained from Strength Training I & II; Students will continue to improve on upper and lower body strength as well as their cardio-fitness; A more in depth program will be developed to benefit individual needs; demonstrate proper lifting and spotting fundamentals; perform warm-up and cardio activities and complete individualized workout charts; apply prior knowledge of weight training techniques and procedures and maintain strength gains from Strength Training and Conditioning I & II courses. Strength Training III students will be introduced to local fitness facilities and the possibilities of continuing their fitness gained outside the school setting.

(PEP-3050) TEAM SPORTS

Length/Credit: One Semester, 0.5 credit
Prerequisite: None, Open to grade 9-12

Use basic terms and learn the rules of team activities that may include basketball, football, hockey, lacrosse, soccer, softball, team handball, and volleyball; practice safety procedures; develop lifetime skills; practice personal fitness leading to an active healthy lifestyle; demonstrate good sportsmanship, fairness, and decision-making skills.

(PEP-3280) INTRAMURAL SPORTS

Length/Credit: One Semester, 0.5 credit
Prerequisite: Team Sports
 Open to grade 11-12

High intensity and competitive class for Juniors and Seniors. Apply terms and rules learned in Team Sports. Practice safety and procedures; enhance lifetime skills, practice personal fitness leading to an active healthy lifestyle through a more competitive arena: demonstrate good sportsmanship, fairness and decision making skills. Evaluation of personal fitness will be completed through the completion of the fitness-testing.

(PEP-3060) CARDIO FITNESS I

Length/Credit: One Semester, 0.5 credit
Prerequisite: None, Open to grade 9-12

List the benefits of physical exercise through walking; develop an individualized program; calculate target heart zones; determine the level of participation needed to reach the target heart rate zone; use heart monitors and computers to chart individual progress.

(PEP-3070) CARDIO FITNESS II

Length/Credit: One Semester, 0.5 credit
Prerequisite: Cardio Fitness I, Open to grade 9-12

Students will do more extensive health research and extensive workout programming using Cardio Fitness I as a beginning. Students will also be required to explore community fitness resources.

(PEP-3080) INDIVIDUAL/DUAL SPORTS

Length/Credit: One Semester, 0.5 credit
Prerequisite: None, Open to grade 9-12

Use proper terms and follow rules; practice safety procedures and demonstrate proper use of equipment; incorporate class activities to life-long recreational habits; learn activities such as archery, dance, Frisbee games, golf, net games, tennis, and weight training; know the relationship between cardiovascular exercise/good health; develop personal fitness leading to an active, healthy lifestyle; exhibit good sportsmanship, fairness, and decision-making skills.

(PEP-3150) SPORTS OFFICIATING

Length/Credit: One Semester, 0.5 credit
Prerequisite: Open to grade 11, but recommended for grade 12

Demonstrate knowledge of basic rules of sports officiating in a variety of team sports; demonstrate correct officiating techniques; demonstrate officiating techniques in game situations.

(PEP-3250) TOTAL BODY WELLNESS

Length/Credit: One Semester, 0.5 credit
Prerequisite: Lifetime Wellness & Yoga,
 Open to grade 9-12

This class offers an extension/enhancement to our Lifetime Wellness and Yoga class. Target students would be those that are interested in nutrition and healthy eating, Tai Chi, Pilates, and low impact weight training using body bars resistant bands and TRX bands. A component of this course will include developing a personal/individualized fitness plan.

(PEP-3260) LIFETIME WELLNESS AND YOGA

Length/Credit: One Semester, 0.5 credit
Prerequisite: None, Open to grade 9-12

Students will learn the skills of various yoga techniques. Through this class, students will learn breathing techniques, basic to intermediate yoga, different equipment that can be used, as well as how to create a sequence. By the end of this class, students will be able to perform their own yoga sequences so they can continue incorporating yoga into their daily life.

HEALTH

Satisfies Health and General Elective requirements.

(HEH-3010) HEALTH AND WELLNESS

(HEHN3010) PBL Academy at Jefferson

Length/Credit: One Semester, 0.5 credit
Prerequisite: None, Open to grade 9-12
 Preferred grade 9-10

This course promotes behaviors that contribute to healthy lifestyle and improved quality of life for all students. The course aligns to South Dakota Health Education Standards. The areas of physical, mental and social health are included with specific units in body systems, nutrition, fitness/wellness, sexual health, drugs and alcohol, mental health, self-care and personal safety.

| SCIENCE | |
|---|--|
| Graduation Requirements | |
| 3 credits of Science | |
| <ul style="list-style-type: none"> • 1 credit must be Biology • 2 credits Science electives | |
| Advanced Career Endorsement Requirements | |
| 3 credits of Science | |
| <ul style="list-style-type: none"> • 1 credit must be Biology • 2 credits sciences • (a state-approved computer science course may be used as 1 unit elective) | |
| Advanced Endorsement Requirement | |
| 3 credits of Science | |
| <ul style="list-style-type: none"> • 1 credit must be Biology • 2 credits lab sciences | |
| Advanced Honors Endorsement Requirements | |
| 4 credits of Science | |
| <ul style="list-style-type: none"> • 1 credit must be Biology • 1 credit Chemistry or Physics • 1 credit any Physical Science • 1 credit Science elective | |

(SCB-3011/3012) BIOLOGY

(SCBN3011/3012) PBL Academy at Jefferson

Length/Credit: One Year, 1 credit
Science requirement, lab science

Prerequisite: None, Open to grade 9-12

The study of life from the cellular level to the ecological level which includes topics such as cellular functions, ecology, genetics, DNA, and evolution.

(SCB-2021/2022) SURVEY OF BIOLOGY

Length/Credit: One Year, 1 credit
Science requirement, lab science

Prerequisite: None, Open to grade 9-12

Students may be assigned to Survey of Biology (SCB-2021/2022), based on established criteria.

The study of life from the cellular level to the ecological level which includes topics such as cellular functions, ecology, genetics, DNA, and evolution.

(SCB-5011/5012) AP BIOLOGY

Length/Credit: One Year, 1 credit
Lab science
Science Accelerated Option for graduation requirement

Prerequisite: None, Open to grade 10-12

Chemistry is strongly recommended.

This is an equivalent of an introductory college freshman biology course. Students are expected to take the AP exam.

Apply foundational classroom knowledge to laboratory work; analyze and integrate major biological themes; develop research and writing skills; evaluate biology issues as they relate to society and global concerns.

(SCB-3040) BASICS OF THE HUMAN BODY

Length/Credit: One Semester, 0.5 credit
Life Science Elective, Lab Science

Prerequisite: Open to grade 10-12

Students will use 3-dimensional science practices to gain a basic understanding of their body's structure and function. They will implement scientific procedures and perform experiments to gather, interpret, and analyze data. Using critical thinking and problem-solving skills, they will research and evaluate current technologies and health topics.

SCB-4051/4052) ANATOMY & PHYSIOLOGY

Length/Credit: One Year, 1 credit
Science Elective, lab science

Prerequisite: Biology or AP Biology,

Open to grade 11-12

Chemistry is strongly recommended.

Recommended for students who have a special interest in pursuing a nursing or medical career.

Explore the structures of the human body systems and the many functions each provides to maintain homeostasis in the body. Students perform detailed gross anatomy labs and dissections; students describe the relationship between structure and function of tissues and organs within systems. Students perform physiological health related activities such as blood pressure, heart rate, respiration, etc. and relate those activities to clinical applications. Students will understand career options available in the Anatomy and Physiology field.

(CTS-3030) PLTW BIOMED I PRINCIPLES OF BIOMEDICAL SCIENCE™

Length/Credit: One Semester, Two hour block, 1 credit
Science elective or CTE elective

Prerequisite: None, Open to grade 10-12

Location: Offered at the CTE Academy only

Students must be concurrently enrolled in college prep math and science classes in order to enroll in this class. College credit is available for students taking Principles of Biomedical and Human Body Systems with qualifying scores.

This course meets the requirement for the 4th year science for the South Dakota Opportunity Scholarship.

This course is for students interested in a career in medical science or healthcare. Throughout the semester we will explore medical cases, scenarios, and hands-on experiences that allow students to develop skills and knowledge in the fields of biology, anatomy & physiology, genetics, microbiology, and epidemiology. Students explore a vast range of medical science careers while learning about crime scene investigation, autopsy, vital signs, medical history, emergency response, and patient diagnosis. This course builds the foundation for subsequent Biomed courses.

**(CTS-3040) PLTW BIOMED II
HUMAN BODY SYSTEMS™**

Length/Credit: One Semester, Two hour block, 1 credit
Science elective or CTE elective, lab science
Prerequisite: Principles of Biomedical Sciences™
Biomed I PLTW
Offered to grade 10-12

Location: Offered at the CTE Academy only
Student must complete Principles of Biomedical and Human Body Systems in order to earn college credit.

This course meets the requirement for the 4th year science requirement for the South Dakota Opportunity Scholarship.

This course is for students interested in a career in medical science or healthcare. Students step inside the human body and explore the systems that help us move, protect us from disease or injury, and facilitate communication within the body and with the outside world. Students examine the interactions of body systems as they explore identity, communication, power, movement, protection, and homeostasis in the body. Students build organs and tissues on a 2-foot tall skeletal Maniken®. Students investigate the structures and functions such as muscle movement, reflex and voluntary action, and respiration. In Human Body Systems, students take on the role of biomedical professionals to solve medical mysteries.

**(CTS-3050) PLTW BIOMED III
MEDICAL INTERVENTIONS™**

Length/Credit: One Semester, Two hour block, 1 credit
CTE elective or Science elective
Prerequisite: Human Body Systems™ Biomed II PLTW
Open to grade 11-12

Location: Offered at the CTE Academy only
This course may count for CTE or lab science elective credit. This course does not meet the requirement for the 4h year science for the South Dakota Opportunity Scholarship.

Students follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection; screen and evaluate the code in human DNA, evaluate cancer treatment options, and prevail when the organs of the body begin to fail. Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics. Each family case scenario will introduce multiple types of interventions and will reinforce concepts learned in the previous two courses, as well as present new content.

**(SCP-3011/3012) PHYSICS
(SCP3011/3012) PBL Academy at Jefferson**

Length/Credit: One Year, 1 credit
Physical Science Elective, lab science
Prerequisite: Algebra I, Open to grade 9-12

Geometry is strongly recommended.

Physics has applications in many fields including biology, chemistry, engineering, mathematics, computer science, medicine, health careers, liberal arts, and elementary education. Physics is the study of matter and energy or “how things work.” The course’s purpose is to develop a conceptual understanding of your physical world as it relates to the phenomena of motion, forces, energy, matter, sound, electricity, magnetism and light. Applying math concepts to problem-solving, developing reasoning skills and the use of computers and graphing calculators to analyze and interpret data will be included.

(SCP-5011/5012) AP PHYSICS-1

Length/Credit: One Year, 1 credit
Physical Science Elective, lab science
Prerequisite: Open to grade 10-12

Accelerated Algebra II, Accelerated Precalculus, or Precalculus is recommended as concurrent math classes. Students are expected to take the AP exam. AP Physics-1 is highly recommended for any college-bound student considering a career in science or math (this could include the engineering, computer science, and medical fields, among others.)

This course is the introductory course for students with advanced math abilities to explore “how things work” in the physical world. (Note that students do **not** need to have completed a prior Physics course.) Students will study matter and energy and their interactions through forces, fields, and conservation laws. Waves as a transfer of energy and the use of probability to describe complex systems will also be covered. Students will be exposed to a variety of scientific practices, including mathematical equation solving, development of models and theories, and data collection and analysis. Specific curriculum topics for AP Physics -1 are: one-dimensional motion, projectiles, Newton’s laws, work, energy, power, momentum, torque, rotational motion, gravitation, oscillations, waves, sound, and an introduction to electrical circuits.

(SCP-5021/5022) AP PHYSICS-2

Length/Credit: One Year, 1 credit
Physical Science Elective, lab science
Prerequisite: AP Physics-1; Open to grade 10-12

Accelerated Precalculus, Precalculus or AP Calculus is recommended as concurrent math classes. Students are expected to take the AP exam. AP Physics-2 is highly recommended for any college-bound student considering a career in science or math (this could include the engineering, computer science, and medical fields, among others.)

This course is the second course for students with advanced math abilities to explore “how things work” in the physical world. Students will study matter and energy and their interactions through forces, fields, and conservation laws. Waves as a transfer of energy and the use of probability to describe complex systems will also be covered. Students will be exposed to a variety of scientific practices, including mathematical equation solving, development of models and theories, and data collection and analysis. Specific curriculum topics for AP Physics-2 are: fluid statics/dynamics, thermodynamics, advanced electrical circuits, electrostatics, magnetic fields, electromagnetism, geometric optics, wave properties of light, atomic physics, and nuclear physics.

**(SCC-3011/3012) CHEMISTRY
(SCCN3011/3012) PBL Academy at Jefferson**

Length/Credit: One Year, 1 credit
Physical Science Elective, lab science
Prerequisite: Algebra I, Open to grade 9-12

Solve real life problems, determine, and justify best solutions and their implications in order to make recommendations for problem solving; use the scientific method, set up labs, organize data, and conduct experiments with correct use of scientific instruments; evaluate and communicate results of scientific experiments in oral and written form; make predictions and formulate conclusions from compiled data; study the properties of matter and the interaction of atoms and molecules.

If you are interested in Project Based Learning courses, please see pages 44-45 to learn more about the program.

SCC-4011/4012) ACCELERATED CHEMISTRY

Length/Credit: One Year, 1 credit
Physical Science Elective, lab science

Prerequisite: Algebra I, Open to grade 9-12

This course is recommended for students interested in an in-depth study of first year chemistry. The topics of the course are the same as Chemistry, but require an advanced coverage.

A strong background in mathematics is recommended.

This is a class for students who plan to pursue science as a future career. Students with an interest in AP Chemistry are highly encouraged to take this class.

Solve real life problems, determine, and justify best solutions and their implications in order to make recommendations for problem solving; use the scientific method, set up labs, organize data, and conduct experiments with correct use of scientific instruments; evaluate and communicate results of scientific experiments in oral and written form; make predictions and formulate conclusions from compiled data; study the properties of matter and the interaction of atoms and molecules.

(SCC-5011/5012) AP CHEMISTRY

Length/Credit: One Year, 1 credit
Physical Science Elective, lab science

Prerequisite: Chemistry, Open to grade 10-12

Students are expected to take the AP exam.

This course is for the student who wishes to take a second year of chemistry. It is recommended for the college-bound student.

This is equivalent to an introductory college freshman chemistry course.

Define, discuss, and explain numerous chemical terms and concepts; solve numerous types of chemical problems including mathematical solutions; use the scientific method; become proficient in laboratory work including use of equipment, compiling data, formulating conclusions, and writing reports; perform the outcomes at a level expected of a freshman college student; increase depth of understanding by considering new chemical topics; increase depth of understanding previously discussed topics; increase laboratory skills using complex lab topics and procedures.

(SCH-3031/3032) REAL WORLD SCIENCE

Length/Credit: One Year, 1 credit
Science elective, lab science

Prerequisite: Biology, Open to grade 9-12

Real World Science will cover unique concepts in science. You will learn how the discoveries of scientists like Newton, Arrhenius, and Boyle impact your daily life. Topics such as nuclear chemistry, household chemistry and the dynamics of motion will be explored through real world applications. A brief introduction to other science topics will give students a sneak peek into high school science electives. This course will prepare you for high school and beyond.

(SCE-3010) EARTH SCIENCE

Length/Credit: One Semester, 0.5 credit
Science elective, lab science

Prerequisite: Biology, Open to grade 9-12

Do you like rocks and dinosaurs? Do you want to learn about the Earth and its history? Earth Science covers the early history of the Earth, the ever-changing Earth, fossils and dinosaurs, rocks and minerals, and the oceans. Come join Earth Science to learn more about our dynamic planet.

(SCS-3020) ENVIRONMENTAL SCIENCE

Length/Credit: One Semester, 0.5 credit
Physical Science Elective, lab science

Prerequisite: None, Open to grade 10-12

Demonstrate an understanding of the relationship that exists between the environment and human activity; show the importance of preserving ecosystems around the world including its living inhabitants; relate the cause and effect relationships in an ecosystem to current, real world events.

(SCS-5011/5012) AP ENVIRONMENTAL SCIENCE

Length/Credit: One Year, 1 credit
Physical Science Elective, lab science

Prerequisite: One year Biology, Algebra I,
Open to grade 10-12

This course of study should foster a deeper understanding of and appreciation for nature by learning problems and solutions to environmental issues. Students will develop their expertise through discussions regarding ecological principles, population, conservation, pollution, natural resources and other issues. The class utilizes a college-seminar approach in which students discuss and answer questions in class from assigned out-of-class reading or research. There is also a strong emphasis on laboratory and field investigations. As noted above, this class incorporates a variety of disciplines, so a student that has taken and understood Biology, Algebra I, and a physical science, preferably Chemistry, will have a better chance at succeeding at the AP level. Designed as a course to provide college-level environmental experiences, the AP Environmental Science course is an excellent option for any interested student.

(SCS-3050) FORENSICS

Length/Credit: One Semester, 0.5 credit
Science elective, lab science

Prerequisite: Open to grade 10-12

Forensic Laboratory Science courses involve the application of biological, chemical, and physical science principles to data and physical evidence related to evidence collection and analysis. The courses focus on the application of scientific knowledge and scientific principles to collect, preserve, and analyze evidence in a laboratory setting. Topics may include but are not limited to entomology, forensic anthropology, serology, and fingerprinting.

(SCS-3010) ASTRONOMY/METEOROLOGY

Length/Credit: One Semester, 0.5 credit,
Physical Science Elective, lab science

Prerequisite: Open to grade 10-12

Algebra I is recommended, but can be taken concurrently. Laboratory activities require 20% to 30% of class time and include telescope use in night, sunspot labs and weather data collection.

Locate and name constellations and planets in the night sky; apply higher order thinking skills using charts and conditions to infer future and past events; make comparisons between the conditions on Earth and those on other planets; apply properties such as density, atomic structure, and phase changes in explaining conditions in stars and on other planets; identify major weather-determining factors to make predictions; identify major weather patterns on earth's surface; interpret weather data from official current charts; organize data, and place weather information on maps.

(CTE-3020) PRINCIPLES OF ENGINEERING™

Length/Credit: One Semester, Two hour block, 1 credit
Physical Science Elective, lab science

Prerequisite: Open to grade 10-12

Recommended: Completed Geometry

Location: Offered at the CTE Academy only

This course meets the fourth year science requirement for the South Dakota Opportunity Scholarship.

Students will learn about major engineering concepts encountered in a college engineering curriculum. They will apply knowledge of engineering concepts as they tackle real-world engineering design problems. Students will conduct destructive testing as they learn about material properties. They will design and build truss systems and determine the point of failure. Students will learn to incorporate basic electronics and computer programming into the design of automated systems using VEX Robotics.

If you are interested in Project Based Learning courses, please see pages 44-45 to learn more about the program.

SOCIAL STUDIES**3 credits required for Graduation****Recommended Course Sequence:****9th Grade**World Geography I or
AP Human Geography**10th Grade**World History
or AP World History: Modern**11th Grade**Modern US History
or American Studies
AP US History**12th Grade**Government or AP
Government and Politics:
United States, Economics,
AP Economics or Personal
Finance**9-12 Grade Elective**Global Issues
Spanish Immersion
Global IssuesEarly History of Mankind
World Geography II**10-12 Grade Elective**Psychology I
Psychology II
Sociology
Native American Connections**11-12 Grade Elective**

AP Psychology

(SSG-3010) WORLD GEOGRAPHY I**Length/Credit: One Semester, 0.5 credit**
Meets Graduation Requirement**Prerequisite: None, Open to grade 9-12**

Locate places in the world using a map and/or globe; analyze and interpret data presented on maps, charts, graphs, tables, and atlases; use critical thinking skills in applying physical geography concepts to describe how people live in various regions; develop the understanding and appreciation of diverse cultures and people that inhabit earth; enrich the comprehension of geography through the use of technology.

**(SSGI3010) SPANISH IMMERSION
WORLD GEOGRAPHY I****Length/Credit: One Semester, 0.5 credit**
Meets Graduation Requirement
Spanish Immersion Students Only
or native Spanish speakers with instructor approval**Prerequisite: None, Open to grade 9-12**

Locate places in the world using a map and/or globe; analyze and interpret data presented on maps, charts, graphs, tables, and atlases; use critical thinking skills in applying physical geography concepts to describe how people live in various regions; develop the understanding and appreciation of diverse cultures and people that inhabit earth; enrich the comprehension of geography through the use of technology.

(SSG-3020) WORLD GEOGRAPHY II**Length/Credit: One Semester, 0.5 credit**
Meets Graduation Requirement**Prerequisite: None, Open to grade 9-12***World Geography II can be taken as a Social Studies Selective, if World Geography I has been taken.*

Demonstrate competent use of maps, globe; and atlases; identify and explain how humans continue to modify the physical environment in ways that reveal their cultural values; analyze in-depth aspects of cultural, physical and political geography.

(SSG-5010) AP HUMAN GEOGRAPHY**Length/Credit: One Semester, 0.5 credit**
Meets Graduation Requirement**Prerequisite: None, Open to grade 9-12***Students are expected to take the AP exam.*

Explore the systematic study of patterns and processes that have shaped human understanding, use and alteration of Earth's surfaces; use spatial concepts and landscape analysis to analyze human social organization and its environmental consequences; study the methods and tools geographers use in their space and practice.

(SSS-3080) GLOBAL ISSUES**Length/Credit: One Semester, 0.5 credit****Prerequisite: None, Open to 9-12 grade, preferred 9-10**

Global Issues provides students with an opportunity to encounter international issues with undefined problems. Students will create new information to extend their learning. Students will gain an appreciation of learning in teams as they set their course on coming to a rational conclusion using the problem-based and technology-based learning. Students will fully understand that they are truly global citizens and that responsibility lies at the core of good citizenship.

**(SSSI3080) SPANISH IMMERSION
GLOBAL ISSUES****Length/Credit: One Semester, 0.5 credit****Prerequisite: Open to grade 9-12**
Spanish Immersion Students Only
or native Spanish speakers with instructor approval

Global Issues provides students with an opportunity to encounter international issues with undefined problems. Students will create new information to extend their learning. Students will gain an appreciation of learning in teams as they set their course on coming to a rational conclusion using the problem-based and technology-based learning. Students will fully understand that they are truly global citizens and that responsibility lies at the core of good citizenship.

(SSH-3070) WORLD HISTORY**Length/Credit: One Semester, 0.5 credit****Prerequisite: None, Open to grade 9-12***Addresses the story of Mankind from Renaissance to pre WWII.*

This course reconstructs the historical narrative of Western Europe and the Atlantic World from 1300-1939. Within this course students will encounter the political, economic, social, and technological progressions that have shaped the modern world we live in today. Students will be expected to recognize themes of comparison and causation from the Renaissance, Scientific Revolution, the Age of Exploration, Age of Absolutism, the Enlightenment, the American and French Revolutions, the Industrial Revolution, the Rise of Imperialism, World War I, and the Rise of Fascism in the western world. Students will also study the methods and techniques used by historians to construct an accurate account of the past.

(SSH-5021/5022) AP WORLD HISTORY: MODERN

Length/Credit: One Year, 1 credit
 1st Semester meets a social studies elective
 2nd Semester Meets World History graduation requirement (Students need to complete the entire year-long course to receive the 0.5 World History credit required for graduation.)

Prerequisite: None, Open to grade 10-12

Students are expected to take the AP exam.

Do you have an interest in learning about post-classical civilizations including European, Asian, African, and American cultures or the rise of the world's religions? Would you like to develop your skills of critical reading and writing? These are just a few of the areas covered in AP World History. This course offers motivated students the opportunity to look in depth at the processes that have resulted in the knitting of the world into a tightly integrated whole. This course is a two-semester study of World History beginning in 1200 C.E. to the present. The approach is to let students "do history" by guiding them through the steps a historian would take in analyzing historical events. The course offers balanced global coverage with Africa, the Americas, Asia, Europe, and Oceania represented.

(SSH-5031/5032) AP EUROPEAN HISTORY

Length/Credit: One Year, 1 credit
 1st semester meets World History graduation requirement, and 2nd semester meets social studies elective. (Students need to complete the entire year-long course to receive the 0.5 World History credit required for graduation.)

Prerequisite: None, Open to grade 10-12

Students are expected to take the AP exam.

In AP European History, students investigate significant events, individuals, developments, and processes from approximately 1450 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change over time. The course also provides seven themes that students explore throughout the course in order to make connections among historical developments in different times and places: interaction of Europe and the world, economic and commercial development, cultural and intellectual development, states and other institutions of power, social organization and development, national and European identity, and technological and scientific innovations.

(SSS-3150) INDIGENOUS STUDIES OF THE OCETI SAKOWIN

Length/Credit: One Semester, 0.5 credit
Prerequisite: None, Open to grade 10-12

In this semester long course students will learn about Indigenous people from the time of pre-European contact to the present day. Using critical thinking skills, students will explore the Oceti Sakowin people, lands, spirituality, and experiences. These four topics will serve as a model for studying other Indigenous nations. Students can expect to gain an understanding of Federal Indian Policies and legislation to examine the interrelationships between Indigenous and Non-Indigenous people in North America, and between Indigenous Sovereign Nations, states, and the US Government.

(SSH-3060) EARLY HISTORY OF MANKIND

Length/Credit: One Semester, 0.5 credit
Prerequisite: None, Open to grade 9-12
Addresses the story of Mankind from its beginnings to the Renaissance.

Picture how it was to be a teenager during the times when the great religions were born, to sit with the creators of civilization; to walk with the famous Iceman in his ill-fated trek through the Alps of 5,000 years ago; to witness the building of the Great Pyramid; to feel the thrill of ultimate competition in the first Olympics; to be awed by the Seven Wonders of the World; to watch the gladiators duel in the Coliseum; to report the burying of great resort cities by the Vesuvius volcano; to fight beside King Richard the Lion-Hearted or the Great Saladin in the Crusades; to witness the dreaded Black Plague; to train with knights and live in great castles; to walk with Jesus or Mohammed; to invent languages; to sail in the legendary longboats of the Vikings as they set foot in North America; or to sit with the great lords and knights as they make futile plans to stop the Golden Hordes of Mongols. Live your early history and see how it formed your world today.

(SSH-3110) SPORTS AND SOCIETY

Length/Credit: One Semester, 0.5
Prerequisite: None, Open to grade 10-12

Sports and Society will focus on the role that sports has played in helping shape American society. Topics covered will include the impact of sports on civil rights and women's rights, sports as an expression of patriotism, sports as a way of defining what it means to be an American, and sports as a form of political expression.

(SSS-3070) SOCIOLOGY

Length/Credit: One Semester, 0.5 credit
Prerequisite: None, Open to grade 10-12

Sociology is the science of group relationships. It explores patterns of group behavior in social situations, such as family, religion, and school. Sociology explores the origins, functions and interrelationships in culture, religion, crime, sexuality, family, old age, media, advertising, addictions, etc.

(SSS-3020) PSYCHOLOGY I

Length/Credit: One Semester, 0.5 credit
Prerequisite: None, Open to grade 10-12

This course prepares students for college psychology by incorporating hands-on activities, group activities, and multi-media units with emphasis on reading and writing skills. Units included are Brain and Behavior, Sensation and Perception, States of Consciousness, Research Methods, Learning and Memory. This follows the APA National Content Standards. This is an excellent opportunity to apply academic principles to real-life situations.

(SSS-3030) PSYCHOLOGY II

Length/Credit: One Semester, 0.5 credit
Prerequisite: Psychology I, Open to grade 10-12

Builds on units addressed in Psychology I and includes motivation and emotion, lifespan development, intelligence, thinking and language, mental illness and personality assessment. Students will employ multi-media, hands-on and group activities, complete a research project demonstrating their understanding of psychological concepts.

(SSS-5020) AP PSYCHOLOGY

Length/Credit: One Semester, 0.5 credit
Prerequisite: Open to grade 11-12
Location: WHS

Students are expected to take the AP exam.

The purpose of this class is to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the methods psychologists use in their science and practice. Solid reading and writing skills, good attendance and a willingness to devote time to homework and study are necessary to succeed in this course. Recommended but not required – Biology or Anatomy/Physiology.

(SSS-5021/5022) AP PSYCHOLOGY

Length/Credit: One Year, 1 credit
Prerequisite: None, Open to grade 10-12
Location: LHS, RHS, JHS

Students are expected to take the AP exam.

The purpose of this class is to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the methods psychologists use in their science and practice. Solid reading and writing skills, good attendance and a willingness to devote time to homework and study are necessary to succeed in this course. Recommended but not required – Biology or Anatomy/Physiology.

(SSH-3011/3012) MODERN US HISTORY

Length/Credit: One Year, 1 credit
**Meets Graduation Requirement–
 American History Option**

Prerequisite: None, Open to grade 11-12

Although the focus of this yearlong course is the 20th century, a review of American history from the Civil War to the turn of the century is included. The major units encompass foreign and domestic policy. The emphasis on foreign issues relates to the world wars, the Cold War, Vietnam and terrorism. Domestic policy stresses the Jazz Age, the Great Depression, Civil Rights and the Counter Culture.

(SSH-3021/3022 & LAE-3031/3032) AMERICAN STUDIES

Length/Credit: One Year, 2 periods, 2 credits
**Meets Graduation Requirement–
 American Literature requirement and
 American History option**

Prerequisite: None, Open to grade 11-12

American Studies is a yearlong survey course combining the study of American history with American literature and composition. This two-period block class provides an interdisciplinary approach to the three required courses. The chronological study of history from the pre-Civil War period to the present blends an appreciation for different literary genres throughout our nation's history, helps students develop critical reading and writing skills, focuses on vocabulary building, and includes art, music, and other cultural developments of historical eras. This class meets daily in a two-period block. If successfully completed, the student earns one credit for American history, 0.5 credit for American Literature, and 0.5 credit for Composition. Most students register for this course for the junior year of high school.

(SSH-5011/5012)**AP UNITED STATES HISTORY**

Length/Credit: One Year, 1 credit
Meets Graduation Requirement

Prerequisite: None, Open to grade 11-12

Students are expected to take the AP exam.

AP US History is a challenging course that is meant to be the equivalent of a college freshman survey course. It is a two-semester survey of American history from the age of exploration and discovery to the present. Students will study political, social, economic, diplomatic, intellectual and cultural history. Solid reading and writing skills, a willingness to devote time to homework and study, and good attendance are necessary to succeed in this course. Students are expected to take the AP exam in the spring. College credit may be earned by passing this exam.

(SSV-3010)**GOVERNMENT**

(SSVN3010) PBL Academy at Jefferson

Length/Credit: One Semester, 0.5 credit
Meets Graduation Requirement

Prerequisite: None, Open to grade 10-12

Students will study the U.S. Constitution and acquire knowledge of the fundamental principles of the American governmental system. Students will study the three branches of government, the American political system, the basic fundamental rights and responsibilities of American citizens, and state and local government.

(POLS-100)**DUAL CREDIT GOVERNMENT**

Length/Credit: One Semester, 0.5 credit
Meets Graduation Requirement

Prerequisite: None, Open to grade 11-12

Location: JHS only

This course examines the US Constitution, historical documents, and Supreme Court cases in order to gain a better understanding of our federal government. Students will understand the structure and function of our national government as well as compare it with other governments, both on the international and state level. This course meets the requirements for high school graduation as well as earning the successful student college credit through USD.

SSV-5010) AP UNITED STATES GOVERNMENT

Length/Credit: One Semester, 0.5 credit
Meets Graduation Requirement

Prerequisite: None, Open to grade 11-12

Students are expected to take AP Exam.

Recommend the completion of American History.

Students will complete an advanced comprehensive study of American government and politics. Topics of study will include: the American Federal System; political parties, elections and voting; Congress; the Presidency; federal courts; the media and public opinion; and civil rights and liberties.

(SSV-5011/5012)**AP UNITED STATES GOVERNMENT**

Length/Credit: One Year, 1 credit
Meets Graduation Requirement

Prerequisite: None, Open to grade 11-12

Location: RHS only

Students are expected to take AP Exam.

Recommend the completion of American History.

Students will complete an advanced comprehensive study of American government and politics. Topics of study will include: the American Federal System; political parties, elections and voting; Congress; the Presidency; federal courts; the media and public opinion; and civil rights and liberties.

(SSS-3040)**ECONOMICS**

Length/Credit: One Semester, 0.5 credit
Meets Graduation Requirement

Prerequisite: None, Open to grade 11-12

Have you ever wondered why some businesses (and individuals!) thrive and make millions while others struggle just to survive? Understanding economics and the way the various economic systems work may answer that very question. Economics deals with the way in which individuals, households, firms, industries and Governments decide to employ their given talents and material resources to best satisfy their many needs. A deeper understanding of economics will enable you to understand and evaluate the U.S. economy and to participate in it more fully. You will discover that there is more than one way to organize an economy, and that the successful U.S. model, which is organized around the private sector, is just one of several possibilities available.

(SSS-5010)**AP MACROECONOMICS**

Length/Credit: One Semester, 0.5 credit
Meets Graduation Requirement

Prerequisite: None, Open to grade 11-12

Students are expected to take the AP exam.

AP Macroeconomics is a course designed to provide students with a thorough understanding of the principles of economics in examining aggregate economic behavior. Students taking the course can expect to learn how the measures of economic performance, such as GDP, inflation and unemployment, are constructed and how to apply them to evaluate the macroeconomic conditions of an economy. Students will also learn the basic analytical tools of macroeconomics, primarily the aggregate demand and aggregate supply model and its application in the analysis and determination of national income, as well as evaluating the effectiveness of fiscal policy and monetary policy in promoting economic growth and stability. Recognizing the global nature of economics, students will also have ample opportunities to examine the impact of international trade and international finance on national economies. Various economic schools of thought are introduced as solutions to economic problems are considered.

(SSHN3021/3022, LAEN3031/3032, ELEN3030)**AMERICAN EXPERIENCE**

Length/Credit: One Year, Two hour block, 2.5 credit

Prerequisite: None, Open to grade 11

Location: PBL Academy at Jefferson

Meets American History, American Literature and Composition graduation requirements, and General Elective credit.

In American Experience, students have a chance to learn about some of America's most important events by participating in collaborative projects and presenting their end product to show content knowledge. Students work to create authentic projects in conjunction with community partners. The course examines the impact society and history have on literature. Notable projects previously completed include #myparty12, America@War, and War Games. This course fulfills the graduation requirement for American Literature and Composition in addition to credit for US History. Students also receive 1/2 elective credit for this course.

(LAEN3011/3012, LASN3010, SSGN3010)**HUMANITIES I**

Length/Credit: One Year, two hour block, 2 credits

Prerequisite: None, Open to grade 9

Location: PBL Academy at Jefferson

Humanities I analyzes physical and human geography found in various pieces of literature while improving writing and research strategies as well as reading comprehension. The course also works to advance student proficiency in public speaking and collaboration skills through a course that combines English I, World Geography, and Speech content.

(LAEN3021/3022, SSSN380, SSHN3070)**HUMANITIES II**

Length/Credit: One Year, two hour block, 2 credits

Prerequisite: None, Open to grade 10

Location: PBL Academy at Jefferson

Humanities II challenges students to examine and analyze major historical events and current global issues through the lens of literature and collaborative projects. This course combines English II, and social studies electives World History and Global Issues.

SPANISH IMMERSION**Language Arts****LASI3010)****SPANISH IMMERSION SPEECH**

Length/Credit: One Semester, 0.5 credit

Prerequisite: Open to grade 9-12

**Spanish Immersion Students Only
or native Spanish speakers with instructor
approval**

This course will be conducted entirely in Spanish. Research and utilize electronic and nonelectronic library information; demonstrate organizational skills in writing speeches, outlines and note cards; exhibit an appreciation for other student ideas and opinions; demonstrate poise, self-confidence, and skills in public speaking in a one-on-one setting, a small group setting and multiple large group settings.

Social Studies**(SSSI3080)****SPANISH IMMERSION
GLOBAL ISSUES**

Length/Credit: One Semester, 0.5 credit

Prerequisite: Open to grade 9-12

**Spanish Immersion Students Only
or native Spanish speakers with instructor
approval**

Global Issues provides students with an opportunity to encounter international issues with undefined problems. Students will create new information to extend their learning. Students will gain an appreciation of learning in teams as they set their course on coming to a rational conclusion using the problem-based and technology-based learning. Students will fully understand that they are truly global citizens and that responsibility lies at the core of good citizenship.

If you are interested in Project Based Learning courses, please see pages 44-45 to learn more about the program.

(SSGI3010)**SPANISH IMMERSION
WORLD GEOGRAPHY I**

Length/Credit: One Semester, 0.5 credit
Meets Graduation Requirement
Prerequisite: None, Open to grade 9-12
 Spanish Immersion Students Only
 or native Spanish speakers with instructor approval

Locate places in the world using a map and/or globe; analyze and interpret data presented on maps, charts, graphs, tables, and atlases; use critical thinking skills in applying physical geography concepts to describe how people live in various regions; develop the understanding and appreciation of diverse cultures and people that inhabit earth; enrich the comprehension of geography through the use of technology.

World Language**(WLSI3061/3062)****SPANISH IMMERSION
LANGUAGE, LITERATURE & CULTURE**

Length/Credit: One Year, 1 credit
Prerequisite: Open to grade 9-10
 Spanish Immersion Students
 Open to other students with instructor approval

This course explores the culture, language, history and literature of Spanish speaking countries through the study of novels, short stories, theater, poetry and current events. Review of grammar with specific emphasis on areas typically problematic for native speakers is included. Through reading and viewing classic and modern texts and media, special attention is paid to oral and written language development across a number of Spanish language registers. This course focuses on the principles of writing and the development of basic composition skills. Writing assignments will also focus on expansion of vocabulary and syntax and learning techniques for revision.

(WLSI5011/5012)**AP SPANISH IMMERSION
SPANISH LANGUAGE AND CULTURE**

Length/Credit: One Year, 1 credit
Prerequisite: Spanish Immersion Language, Literature, & Culture or Composite of 6.0 STAMPse,
 Open to grade 9-12
 Spanish Immersion Students
 Open to other students with instructor approval

Students are expected to take the AP exam.

Students will increase their skill in listening comprehension in order to understand formal and informal spoken Spanish; demonstrate proficiency in reading Spanish narratives and literary texts with good overall comprehension; write in-depth and detailed compositions and essays which show control of syntax and vocabulary and a variety of sentence structures; speak Spanish with a high level of fluency and accuracy that does not impede communication; demonstrate an awareness of the Spanish-speaking world and cultural similarities and differences.

(LLO-4051/4052)**SPANISH IMMERSION
PEOPLE AND CULTURES CAPSTONE**

This may be taken as a Dual Credit course.
Length/Credit: One Year, 1 credit
Prerequisite: Open to grade 12
 Spanish Immersion Students Only
 or native Spanish speakers with instructor approval

This may be taken as a Dual Credit course. Students must meet Dual Credit requirements and are responsible for Dual Credit fees and course materials.

The purpose of this course is to give graduating Spanish Immersion students an opportunity to use their language skills and cultural understanding in a real world setting. The aim is for students to research and reflect upon experience to demonstrate cultural and language growth beyond the classroom. This course is student-directed, allowing students to participate in experiential learning. Students will learn about local and global communities and have the opportunity to use their time and talents in various volunteer/service experiences

SPECIAL EDUCATION

Classes are designed to meet the individualized programming needs determined by a placement committee and recorded in the IEP. Special Education Resource, Fundamentals, and/or Life Skills Classes may not satisfy college or university entrance requirements.

RESOURCE CLASSES

ENGLISH

(SEE-1021/1022)

RESOURCE ENGLISH I

Length/Credit: One Year, 1 credit

Prerequisite: None

This course is designed for striving readers and writers to develop skills in writing/language, reading literature and informative texts, speaking and listening. Students will learn a variety of reading strategies, broaden spoken and written vocabulary; apply literary techniques and composition skills; reinforce basic mechanics, usage and grammar; practice paragraph development and apply to essay writing; develop critical thinking skills and integrate technology into learning. A counselor or teacher should recommend students to this course.

(SEE-1031/1032)

RESOURCE ENGLISH II

Length/Credit: One Year, 1 credit

Prerequisite: None

The purpose of English II is to engage striving readers and writers in authentic reading and writing tasks, to target specific writing skills, to develop a variety of reading strategies, and to expose students to a variety of fiction and nonfiction texts. Students will read and write for a variety of purposes that will focus on argumentative, expository, narrative, and persuasive modes. A counselor or teacher should recommend students for this course.

(SEE-1101/1102)

**RESOURCE ENGLISH III
& AMERICAN LITERATURE**

Length/Credit: One Year, 1 credit

Prerequisite: None

English III combines classic literature by American authors with focused writing assignments. Striving readers and writers will read various pieces of literature; become familiar with author backgrounds, writings, and themes; develop communication skills; find personal meaning by responding to the literature; and recognize the relationship between American history and literature. Writing assignments include descriptive, narrative, persuasive, and expository paragraphs, essays, articles, critiques, and more; incorporate research techniques and skills into a formal paper or project; write for specific audience; broaden vocabulary and increase critical thinking skills; and revise and proofread work for style, grammar, and mechanical errors. A principal or teacher should recommend students for this course. (note: 0.5 American Literature is required for graduation.)

MATH

(SEM-1131/1132) ESSENTIALS OF MATHEMATICS

Length/Credit: One Year, 1 credit

Prerequisite: None

Location: WHS, LHS

Essentials of Mathematics is a year-long course that focuses on expressions and equations. Students will write and evaluate algebraic expressions using the set of whole numbers, write and solve one-step inequalities, with one variable.

(SEM-1141/1142)

PRINCIPLES OF MATH

Length/Credit: One Year, 1 credit

Prerequisite: None

Resource Pre-Algebra is a year-long course that focuses on linear relationships and algebraic functions. Students will write and evaluate algebraic expressions using the set of whole numbers, decimals, or fractions. Students will write and solve multi-step inequalities with one or more variables. Students will graph ordered pairs and graph equations.

(SEM-1031/1032) RESOURCE CONSUMER MATH

Length/Credit: One Year, 1 credit

Prerequisite: None

Location: WHS, LHS

This course promotes the development of math skills for independent living including the following topics: budgeting, work-related skills, gross and net pay, housing, transportation, insurance, discount pricing, banking, credit cards, loans, interest and comparing unit price when buying groceries. Students will also practice reading information from a chart, graph, or form.

SOCIAL STUDIES

(SEH-1020)

RESOURCE WORLD HISTORY

Length/Credit: One Semester, 0.5 credit

Prerequisite: None

Students will identify the cultural contributions of various eras and areas of the world and demonstrate an understanding of how the past has impacted the present.

(SEH-1011/1012)

**RESOURCE MODERN
US HISTORY**

Length/Credit: One Year, 1 credit

Prerequisite: None

Students will explain the development of the west and industrial revolution from pre civil war, describe American involvement in wars around the world, and identify changes and challenges after WWII to current day.

(SEG-1010)

RESOURCE GEOGRAPHY

Length/Credit: One Semester, 0.5 credit

Prerequisite: None

Students will increase and demonstrate their awareness of topics related to World Geography. Nations will be studied in terms of cultures, topographies, industrialization, resources and weather.

(SES-1060)

RESOURCE ECONOMICS

Length/Credit: One Semester, 0.5 credit

Prerequisite: None

Students will identify how the free market system works, as well as define other systems used around the world. Students will be able to describe terms related to economics, and how they are applied and impact their daily living.

(SES-1080) RESOURCE SOCIOLOGY**Length/Credit:** One Semester, 0.5 credit**Prerequisite:** None

Students will discover the meaning behind human behavior using a variety of case studies, group projects and opportunities for in depth study.

(SEV-1010) RESOURCE GOVERNMENT**Length/Credit:** One Semester, 0.5 credit**Prerequisite:** None

Students will identify forms of government. They will identify the process that immigrants use to become a citizen and name the three branches of government and their roles.

RESOURCE SELECTIVES**(SEK-1030) EMPLOYABILITY I****Length/Credit:** One Semester, 0.5 credit**Prerequisite:** None

Students will understand relationships between skills, abilities, interests, values, and work environment preferences; explore postsecondary options and career interest; recognize the different levels of education and/or training required for employment options; recognize the relationship between appearance and successful employment; identify positive ways to solve workplace problems; learn how to communicate workplace accommodations if necessary; understand the relationship between attendance and job keeping; demonstrate ability to cooperate with other workers.

(SEK-1040) EMPLOYABILITY II**Length/Credit:** One Semester, 0.5 credit**Prerequisite:** Employability I

Students will apply problem-solving skills to job situations with co-workers and supervisors; learn safe and appropriate use of technology and how it relates to obtaining and maintaining a job; complete a resume, complete a basic job applications; complete a mock job interview; identify the different components of a paycheck stub/direct deposit; understand and complete work-related forms (W-4, tax forms, W-2).

(SEK-1051/1052) EMPLOYABILITY III**Length/Credit:** One Year, 0.5 credit; may be repeated up to earning 2.0 credits**Prerequisite:** Employability I & II

This course involves actual job experience at the job site. A ten-hour minimum work week outside school hours is required. Meet employer requirements for entry-level employees; work effectively at the job site; complete assigned tasks to employer satisfaction; gain work experience, and develop employment skills. Students must provide verification of hours worked, meet weekly with instructor, and maintain employment throughout the semester.

(SEI-1110) TRANSITION TO SUCCESS**Length/Credit:** One Semester, 0.5 credit**Prerequisite:** None

This course helps students develop a portfolio to obtain and maintain information needed to make a successful transition after high school. Students will work on skills including effective communication, advocacy, personal care, daily living skills, budgeting, transportation, goal setting, and adult services. Students will also apply knowledge of transportation, goal setting, and adult services. Students will also apply knowledge of transportation, budgeting, job support, and housing to practice through field experiences/visits.

RESOURCE ELECTIVES**ENROLLMENT IN ELECTIVES REQUIRES PRE-APPROVAL BY THE BUILDING ADMINISTRATOR****(SEC-1031/1032) RESOURCE POSITIVE STUDENT INTERACTION****Length/Credit:** One Semester, 0.5 credit or up to 1.0 credit per year**Prerequisite:** None

This course focuses on communication skills, problem solving skills, and positive/appropriate interactions with others. It is designed for students who need to improve "interactions" between themselves and others. (2 semesters) As well as becoming productive citizens. This course will focus on substance abuse prevention.

(SEC-1051/1052) DEVELOPING ACADEMIC PROFICIENCY**Length/Credit:** One Semester, 0.25 credit students may earn up to a maximum of 1 credit**Prerequisite:** None

Students work towards building: effective time manage by utilizing a variety of strategies including using student planners; self-monitoring skills by checking grades using Infinite Campus and weekly conferences with classroom staff; study habits and strategies; appropriate classroom behavior by developing and practicing effective strategies; problem-solving skills; and, effective communication to teachers.

(SEC-1041/1042) RESOURCE SOCIAL AWARENESS**Length/Credit:** One Semester, 0.5 credit or up to 1.0 credit per year**Prerequisite:** None

Students work to improve age-appropriate social skills; demonstrate age-appropriate responses to social issues; increase awareness of rights/responsibilities and understand need for trust, compassion, respect, self-discipline, and honesty; respect individual differences; and, increase awareness of peer pressure and addictions.

(SEE-1051/1052) STUDY STRATEGIES I**Length/Credit:** This class can be offered as a 50 minute period for one semester with 0.5 credit earned OR for 1/2 of a period (25 minutes) during the lunch hour for .25 credit each semester**Prerequisite:** None

Students will learn important study strategies designed to meet their individual needs to become more successful. Along with basic educational responsibilities individual strategies may include time management, organization, test-taking, information recall, problem-solving, self-advocacy, functional communication, use of technology, and focused transition skills.

(SEE-1111/1112) STUDY STRATEGIES II**Length/Credit:** This class can be offered as a 50 minute period for one semester with 0.5 credit earned OR for 1/2 of a period (25 minutes) during the lunch hour for .25 credit each semester**Prerequisite:** None

Students will learn important study strategies designed to meet their individual needs to become more successful. Along with basic educational responsibilities individual strategies may include time management, organization, test-taking, information recall, problem-solving, self-advocacy, functional communication, use of technology, and focused transition skills.

LIFE SKILLS SELECTIVES

(SEK-1011/1012) VOCATIONAL SKILLS I

Length/Credit: One Semester, 0.5 Credit

Prerequisite: None

Students are provided with a variety of hands-on work tasks to learn and reinforce various work skills in an unpaid, classroom setting. Students need to demonstrate the ability to follow a one step direction, exhibit appropriate personal and social interaction and personal hygiene, maintain 15 minutes on task behavior and produce quality work. Students will explore various career options and be introduced to bus training.

(SEK-1111/1112) VOCATIONAL SKILLS II

Length/Credit: One Semester, 0.5 Credit

Prerequisite: Vocational Skills I

Students are provided with a variety of unpaid work tasks to reinforce various work skills. Students need to demonstrate the ability to follow 1-2 step directions, exhibit appropriate behavior and personal hygiene, maintain 30 minutes time on task, and produce quality work. Students will explore career interests, abilities and needs, and bus training.

(SEK-1021/1022) VOCATIONAL SKILLS III

Length/Credit: One Semester, 0.5 Credit

Prerequisite: Vocational Skills I and II

This course provides students with the opportunity to master skills in the school or community in an unpaid worksite situation. Students need to demonstrate the ability to follow 2-3 step verbal or written directions, exhibit appropriate behavior and personal hygiene, maintain excellent attendance and maintain 45 minutes on task behavior while producing quality work. Students will explore career interests, abilities and needs, and bus training.

(SEK-1091/1092) VOCATIONAL SKILLS IV

Length/Credit: One Semester, 0.5 Credit

Prerequisite: Vocational Skills I, II, & III

Students will continue vocational skills exploration and training within a paid or unpaid community work setting. Students will receive job coaching supports. Support and placement are determined by each individual student's needs, abilities, and interests. Students must be able to demonstrate the ability to follow rules and guidelines established by individual employers. Students will explore career interests, abilities and needs, and bus training.

(SEM-1071/1072)

(SEM-1081/1082)

(SEM-1091/1092)

(SEM-1111/1112)

Length/Credit: One Year, 1 credit

Prerequisite: None

Students may take this class all four years.

Life Skills Math derives content from the Core Content Connectors with alignment to state math standards. This alignment allows students using a modified curriculum to access grade level standards while providing connections to functional skills. These connections support transition to adulthood skills while promoting key mathematical understandings. Students in Life Skills Math are encouraged and supported in a continuous effort to foster higher levels of mathematical reasoning.

(SES-1011/1012) LIFE SKILLS SOCIAL STUDIES I

(SES-1031/1032) LIFE SKILLS SOCIAL STUDIES II

(SES-1041/1042) LIFE SKILLS SOCIAL STUDIES III

(SES-1051/1052) LIFE SKILLS SOCIAL STUDIES IV

Length/Credit: One Semester, 0.5 credit

or up to 1 credit per year

Prerequisite: None

Students may take this class all four years.

Life Skills Social Studies I-IV curriculum covers modified material from the general education curriculum and standards (ELA, Speaking, Viewing, and Listening). Students will explore US History, World History, Government, Economics, & Geography and apply real world knowledge and functional skills through classroom and community instruction.

(SEI-1031/1032)

PRACTICAL SCIENCE AND HEALTH I

(SEI-1041/1042)

PRACTICAL SCIENCE AND HEALTH II

(SEI-1071/1072)

PRACTICAL SCIENCE AND HEALTH III

(SEI-1081/1082)

PRACTICAL SCIENCE AND HEALTH IV

Length/Credit: One Year, 1 credit

Prerequisite: None

Practical Science and Health emphasizes understanding of the nature of science, science technology, environment, and society science, physical science, life science, and earth/space science as designated by the South Dakota Alternative Academic content and Achievement Standards.

LIFE SKILLS CLASSES

(SEE-1011/1012) LIFE SKILLS LANGUAGE ARTS I

(SEE-1061/1062) LIFE SKILLS LANGUAGE ARTS II

(SEE-1071/1072) LIFE SKILLS LANGUAGE ARTS III

(SEE-1081/1082) LIFE SKILLS LANGUAGE ARTS IV

(SEE-1091/1092) LIFE SKILLS LANGUAGE ARTS V

Length/Credit: One Year, 1 credit

Prerequisite: None

Students may take the course all four years.

These English Language Arts courses are designed for striving readers in grades 9-12. These courses utilize rich content that promotes contextual discussions and exposes students to authentic literature and to a variety of cultures through various materials. Students language arts work to develop and improve skills in written language, reading, speaking, and listening. Students will learn a variety of reading strategies; practice spoken and written academic and content vocabulary; be instructed in and practice how to develop their writing skills; develop basic writing mechanics; and, build critical thinking skills.

LIFESKILLS ELECTIVES

Courses are offered on a rotating schedule, so availability changes each year. Courses offered in the fall contain full course descriptions located below the rotation schedule.

Rotation of Elective Courses:

| | |
|-----------|--|
| 2023-2024 | Fundamentals of Visual Arts Fundamentals of Social Skills I |
| 2024-2025 | Fundamentals of Personal Finance Fundamentals of Computers |
| 2025-2026 | Fundamentals of Home Maintenance Fundamentals of Social Skills II |
| 2026-2027 | Fundamentals of Food Prep Fundamentals of Music |

(SEP-1011/1012) FUNDAMENTALS OF MOVEMENT AND FITNESS**Length/Credit:** May be Repeated, 0.5 or 1 credit**Prerequisite:** None

This course is designed to encourage lifelong fitness activities and may include part or all of the following: the development of gross motor skills, positive social skills and sportsmanship, stamina and cardiovascular endurance, and balance and coordination. Students engage in activities that promote interpersonal skills, problem-solving, and relationship building while engaging in fitness and movement activities.

(SEI-1021/1022) RECREATION/LEISURE SKILLS**Length/Credit:** Non-credit*This course is taught in a 25-minute period opposite lunch.*

Students participating in Recreation/Leisure skills class learn to interact cooperatively with peers; learn and explore free time with age appropriate activities; and learn socially appropriate behavior while engaging in recreational activities.

(SEF-1010) FUNDAMENTALS OF VISUAL ARTS**Length/Credit:** 1 semester, 0.5 credit**Prerequisite:** None

This course teaches students to recognize, appreciate, and/or relate to visual art. Students will use art as a means for creative self-expression & interpersonal communication; work towards understanding and applying media, techniques, and processes; be exposed to visual arts in relation to history and cultures; reflect on and critique their artwork and that of others; show knowledge of structures and functions such as a color wheel and shapes; and select and use various subject matter to communicate meaning.

(SEU-1011) FUNDAMENTALS OF SOCIAL SKILLS I**Length/Credit:** 1 semester, 0.5 credit**Prerequisite:** None

This class is designed to assist students in learning and applying appropriate social skills in different situations. The course will focus on emotions, communications, decisions, consequences and relationships

WORLD LANGUAGE

Required offerings or General Elective graduation requirement. Students must provide own transportation when traveling to another school for a world language class.

(WLA-3010) AMERICAN SIGN LANGUAGE I**Length/Credit:** One Semester, 0.5 credit**Prerequisite:** None, Open to grade 9-12**Location:** Offered only at WHS*Students must provide their own transportation.*

Demonstrate a basic understanding of American Sign Language and its structure; produce numbers from 1-50; introduce themselves; carry on a basic dialogue; demonstrate the use of classifiers and conjunction words; display both expressive and receptive signing skills; know more about the interpreting field.

(WLA-3020) AMERICAN SIGN LANGUAGE II**Length/Credit:** One Semester, 0.5 credit**Prerequisite:** American Sign Language I

Open to grade 9-12

Location: Offered only at WHS*Students must provide own transportation.*

Interpret and translate American Sign Language to English and English to American Sign Language; have a conversation using American Sign Language idioms and signs; sign short paragraphs and stories; know more about Deaf Culture; demonstrate skills needed to pass the SCPI Evaluation.

(WLA-3030) AMERICAN SIGN LANGUAGE III**Length/Credit:** One Semester, 0.5 credit**Prerequisite:** American Sign Language I & II

Open to grade 9-12

Location: Offered only at WHS*Students must provide own transportation.*

American Sign Language III course integrates and refines expressive and receptive skills in American Sign Language (ASL), including recognition of sociolinguistic variation. Some of the units focus on building narrative skills, moving from an informal to a more formal presentation. A practice oriented approach to language acquisition with demonstration of more sophisticated grammatical features of American Sign Language (ASL). Increases fluency and accuracy in fingerspelling and numbers.

(WLA-3040) AMERICAN SIGN LANGUAGE IV**Length/Credit:** One Semester, 0.5 credit**Prerequisite:** American Sign Language I-III

Open to grade 9-12

Location: Offered only at WHS*Students must provide own transportation.*

American Sign Language IV course focus is on visual/receptive skills and basic communication. Each unit focuses on different language skills. Some of the units focus on building narrative skills, moving from an informal to a more formal presentation. Others focus on developing conversational skills used in everyday discussion. Several units focus on developing the language skills needed to explain ideas, or concepts; or to illustrate how things work and why things are the way they are. Some of these units also help develop skills to translate written text into ASL. ASL IV promotes students' understanding of the perspective of Deaf culture, Deaf communities, and Deaf history.

(WLC-3011/3012)

Length/Credit: One Year, 1 credit
Prerequisite: None, Open to grade 9-12
Location: Offered online

Understand spoken Chinese; speak Chinese in a manner comprehensible to native speakers; read short dialogs and narratives with direct comprehension; write sentences and short, timed paragraphs; understand Chinese-speaking world and cultural similarities and differences; use pronunciation skills of Chinese initials, finals, combinations, and tones; show the abilities of writing basic strokes and simple Chinese characters.

(WLC-3021/3022)

Length/Credit: One Year, 1 credit
Prerequisite: Chinese I, Open to grade 10-12
Location: Offered online

Understand spoken Chinese; speak Chinese in a manner comprehensible to native speakers; read short dialogs and narratives with direct comprehension; write sentences and short, timed paragraphs and passages; demonstrate an awareness of Chinese-speaking world and cultural similarities and differences; continue showing the abilities of the pronunciation of Chinese initials, finals, combinations, and tones; be able to express own ideas in simple Chinese; be able to read and write Chinese characters.

(WLF-3011/3012)

Length/Credit: One Year, 1 credit
Prerequisite: None, Open to grade 9-12

Understand limited spoken French; speak French in a manner comprehensible to native speakers; read short dialogs, narratives, and realia with direct comprehension; write sentences and short, timed paragraphs; demonstrate an awareness of the French-speaking world and cultural similarities and differences.

(WLF-3021/3022)

Length/Credit: One Year, 1 credit
Prerequisite: French I, Open to grade 10-12

Understand and speak French comprehensible to native speakers; read graded material and realia with direct comprehension; write creative compositions in timed situations; demonstrate an awareness of the French-speaking world and cultural similarities and differences.

(WLF-3031/3032)

Length/Credit: One Year, 1 credit
Prerequisite: French II, Open to grade 11-12

Understand and speak French in communicative situations with developing facility and creativity; read for meaning in the basic content of graded material and read printed material of a general nature; write creative compositions in timed situations; demonstrate an awareness of the French-speaking world and cultural similarities and differences.

(WLF-4011/4012)

Length/Credit: One Year, 1 credit
Prerequisite: French III, Open to grade 11-12

Understand and speak French in communicative situations with developing facility and creativity; read for meaning in the basic content of graded material and read printed material of a general nature; write creative compositions; demonstrate an awareness of the French-speaking world and cultural similarities and differences.

CHINESE I**CHINESE II****FRENCH I****FRENCH II****FRENCH III****FRENCH IV****(WLG-3011/3012)**

Length/Credit: One Year, 1 credit
Prerequisite: None, Open to grade 9-12

Understand limited spoken German; speak German in a manner comprehensible to native speakers; read short dialogs, narratives, and realia with direct comprehension; write sentences and short, guided paragraphs; demonstrate an awareness of cultural similarities and differences.

(WLG-3021/3022)

Length/Credit: One Year, 1 credit
Prerequisite: German I, Open to grade 10-12

Understand spoken German at an increased level of difficulty; speak German in a manner comprehensible to native speakers; read dialogs, narratives and authentic materials with increased comprehension; write sentences and short, guided paragraphs; demonstrate an awareness of cultural similarities and differences.

(WLG-3031/3032)

Length/Credit: One Year, 1 credit
Prerequisite: German II, Open to grade 11-12

Understand spoken German at an increased level of difficulty; speak German in a manner comprehensible to native speakers; read dialogs and narratives with increased comprehension; write letters and short essays revealing a basic understanding of the language; demonstrate an awareness of cultural similarities and differences.

(WLG-4011/4012)

Length/Credit: One Year, 1 credit
Prerequisite: German III, Open to grade 12

Speak German with increased level of difficulty; read and understand the content of authentic materials; write short compositions; demonstrate an awareness of the history and culture of German-speaking countries.

WLK-3011/3012)

Length/Credit: One Year, 1 credit
Prerequisite: None, Open to grade 9-12

Students will learn conversational basics of Dakota, Nakota, and Lakota dialects.

(WLK-3021/3022)

Length/Credit: One Year, 1 credit
Prerequisite: Lakota Language I, Open to grade 10-12

Students will learn conversational basics of Dakota, Nakota, and Lakota dialects.

(WLL-3011/3012)

Length/Credit: One Year, 1 credit
Prerequisite: None, Open to grade 9-12
Location: Offered only at LHS

Students must provide own transportation.

Students will read words, phrases and simple sentences and associate them with pictures and English words, phrases or sentences. The class will focus on recognition and the reproduction of Latin sounds. The textbook follows the life of the Cornelius family in order for students to gain basic knowledge of the daily life of the ancient Romans. Culture days will focus on the accomplishments of the ancient Romans. Students will be able to use their knowledge of Latin in other subjects and increase their knowledge of English. Students will demonstrate language competency through written achievement evaluations and written performance assessments. Significant tasks are on the following topics: Pompeii, gods or goddesses, and emperor and myths.

GERMAN I**GERMAN II****GERMAN III****GERMAN IV****LANGUAGES OF THE OCETI SAKOWIN I****LANGUAGES OF THE OCETI SAKOWIN II****LATIN I**

(WLL-3021/3022)**LATIN II**

Length/Credit: One Year, 1 credit
Prerequisite: Latin I, Open to grade 10-12
Location: Offered only at LHS

Students must provide own transportation.

Students will improve upon their knowledge of Latin vocabulary and grammar. Students will be able to translate more complex sentences and further apply their knowledge of Latin to other subjects. Students will be able to translate adaptations of original authors for content and language skill acquisition. As in Latin I, students will follow the life of the Cornelius family, to include more in-depth learning. Significant tasks include posters or papers on architecture, famous Romans, the calendar and linguistic history.

(WLL-3031/3032)**LATIN III**

Length/Credit: One Year, 1 credit
Prerequisite: Latin II, Open to grade 11-12
Location: Offered only at LHS

Students must provide own transportation.

Third year Latin students continue the story of the Cornelius family in Rome through several different family situations. Students will learn about Roman dates, the Julian calendar and more complex grammar. The curriculum continues to emphasize vocabulary and its English derivatives. Students will be able to read and understand prose and poetry of selected authors. Translation will be extensive and incorporated previously learned Latin grammar. Culture days provide opportunities to learn of the life and accomplishments of different classes of people in ancient Roman society and to allow the students to compare such accomplishments with today's society. Significant tasks include papers on muses, Herculaneum vs Pompeii, countries of the Roman Empire and Greek/Roman contributions to arts and sciences.

(WLL-4011/4012)**LATIN IV**

Length/Credit: One Year, 1 credit
Prerequisite: Latin III, Open to grade 11-12
Location: Offered only at LHS

Students must provide own transportation.

Fourth year Latin provides a review of grammar learned to date and completes the grammar studies of the curriculum. Emphasis is quickly turned to strictly translating the classics, such as Julius Caesar's autobiography, excerpts from Livy and other Roman historians, poems and odes from Horace and Catullus and some of the Aeneid of Virgil. Students will compare the content and style of various authors. Students will also learn the Greek alphabet and some differences between Greek and Latin. Significant tasks include multi-media projects on culture days. These projects will include the development of power point presentations, worksheets and resources for culture days on such topics as Saturnalia, Julius Caesar, Roman diet and the Forum.

(WLL-5011/5012)**AP LATIN**

Length/Credit: One Year, 1 credit
Prerequisite: Latin III, Open to grade 11-12
Location: Offered only at LHS

Students are expected to take the AP exam.

Students must provide own transportation.

"AP® Latin is designed to provide advanced high school students with a rich and rigorous Latin course, approximately equivalent to an upper-intermediate (typically fourth or fifth semester) college or university Latin course. The course also helps students reach beyond translation to read with critical, historical and literary sensitivity. This is an ambitious goal, but it is hoped that when exposed to the characteristic method of classical philology, with its rigorous attention to linguistic detail coupled with critical interpretation and analysis, students will be able to apply the skills they acquire in this course to many areas of learning and professional pursuits." (College Board)

(WLS-3011/3012)**SPANISH I**

Length/Credit: One Year, 1 credit
Prerequisite: None, Open to grade 9-12

Students will understand spoken Spanish; speak Spanish in a manner comprehensible to native speakers; read short dialogs, narratives, and realia with direct comprehension; write sentences and short, guided paragraphs; demonstrate an awareness of cultural similarities and differences.

(WLS-3021/3022)**SPANISH II**

Length/Credit: One Year, 1 credit
Prerequisite: Spanish I or course equivalency exam, Open to grade 9-12

Students will understand spoken Spanish at a higher level of difficulty; speak Spanish with developing ease and fluency; read texts, authentic materials, and realia with direct comprehension; write guided reports and compositions with comprehensibility; and become increasingly aware of Hispanic culture along with cultural similarities and differences.

(WLS-3031/3032)**SPANISH III**

Length/Credit: One Year, 1 credit
Prerequisite: Spanish II or course equivalency exam, Open to grade 10-12

Students will understand and speak Spanish in communicative situations with developing facility and creativity; comprehend reading of increased difficulty; write creative compositions in a variety of situations; refine listening, speaking, reading, and writing skills; demonstrate an awareness of the Spanish-speaking world and cultural similarities and differences.

(WLS-4011/4012)**SPANISH IV**

Length/Credit: One Year, 1 credit
Prerequisite: Spanish III, Open to grade 11-12

Recommended for juniors and Spanish Immersion students

Students will refine listening, speaking, reading, and writing skills through a complete review and expansion of Spanish grammar; understand and speak Spanish with increasing spontaneity and flexibility; read and understand the content of newspaper and magazine articles, short stories, poems, and classical literature and films; write creative compositions in a variety of situations; demonstrate an awareness and understanding of the Spanish-speaking world and cultural similarities and differences.

(WLS-3071/3072)**SPANISH FOR SPANISH SPEAKERS**

Length/Credit: One Year, 1 credit
Prerequisite: None, Open to grade 9-12

This class is intended for Spanish speakers who have acquired Spanish language proficiency in speaking and in listening, and would like to develop deeper literacy skills. This course focuses on increasing students' Spanish skills in the areas of reading and writing while continuing to develop speaking and listening skills. This course prepares students to participate in World Language and content courses taught in Spanish. The curriculum provides students with a balanced approach to learning Spanish through authentic and informational texts, vocabulary development, and systematic skill and grammar instruction.

(WLS-5011/5012) AP SPANISH LANGUAGE AND CULTURE

Length/Credit: One Year, 1 credit
Prerequisite: Spanish III, Open to grade 11-12
Students are expected to take the AP exam.
Recommended for seniors.

Students will increase their skill in listening comprehension in order to understand formal and informal spoken Spanish; demonstrate proficiency in reading Spanish narratives and literary texts with good overall comprehension; write in-depth and detailed compositions and essays which show control of syntax and vocabulary and a variety of sentence structures; speak Spanish with a high level of fluency and accuracy that does not impede communication; demonstrate an awareness of the Spanish-speaking world and cultural similarities and differences.

(WLS-5021/5022) AP SPANISH LITERATURE & CULTURE

Length/Credit: One Year, 1 credit
Prerequisite: Open to grade 11-12
Location: Offered only at LHS
Students are expected to take the AP exam.

AP Spanish Literature and Culture courses cover representative works from the literature of Spain and Spanish America, encompassing all genres. The courses build students' Spanish language proficiency, with special attention given to critical opinions and literary analyses in oral and written Spanish. Students are encouraged to relate the texts to their cultural contexts.

(WLSI3061/3062) SPANISH IMMERSION LANGUAGE, LITERATURE & CULTURE

Length/Credit: One Year, 1 credit
Prerequisite: Open to grade 9-10
 Spanish Immersion Students
 Open to native Spanish speakers with teacher approval
 Open to other students with instructor approval

This course explores the culture, language, history and literature of Spanish speaking countries through the study of novels, short stories, theater, poetry and current events. Review of grammar with specific emphasis on areas typically problematic for native speakers is included. Through reading and viewing classic and modern texts and media, special attention is paid to oral and written language development across a number of Spanish language registers. This course focuses on the principles of writing and the development of basic composition skills. Writing assignments will also focus on expansion of vocabulary and syntax and learning techniques for revision.

(LLO-4051/4052) SPANISH IMMERSION PEOPLE AND CULTURES CAPSTONE

This may be taken as a Dual Credit course.

Length/Credit: One Year, 1 credit
Prerequisite: Open to grade 12;
 Spanish Immersion Students or Native Spanish speakers with teacher approval

Students must meet Dual Credit requirements and are responsible for Dual Credit fees and course materials.

The purpose of this course is to give graduating Spanish Immersion students an opportunity to use their language skills and cultural understanding in a real world setting. The aim is for students to research and reflect upon the experience to demonstrate cultural and language growth beyond the classroom. This course is student-directed, allowing students to participate in experiential learning. Students will learn about local and global communities and have the opportunity to use their time and talents in various volunteer/service experiences.

(WLSI5011/5012) AP SPANISH IMMERSION SPANISH LANGUAGE AND CULTURE

Length/Credit: One Year, 1 credit
Prerequisite: Spanish Immersion Language, Literature, & Culture or Composite of 6.0 STAMPse, Open to grade 9-12
 Spanish Immersion Students
 Open to other students with instructor approval

Students are expected to take the AP exam.

Students will increase their skill in listening comprehension in order to understand formal and informal spoken Spanish; demonstrate proficiency in reading Spanish narratives and literary texts with good overall comprehension; write in-depth and detailed compositions and essays which show control of syntax and vocabulary and a variety of sentence structures; speak Spanish with a high level of fluency and accuracy that does not impede communication; demonstrate an awareness of the Spanish-speaking world and cultural similarities and differences.

In an effort to provide a safe, respectful educational environment, the District prohibits discrimination in its policies, employment practices and programs on the basis of race, color, creed, religion, age, gender, sexual orientation, disability, national origin or ancestry. In addition, the District shall not discriminate in the opportunities for students on the basis of parental status, marital status, or pregnancy, nor shall such students be excluded from any program or activity, including any class or any extra curricular activity. Prohibited acts of discrimination include racial, sexual, ethnic, or other types of slurs, insults, intimidation, harassment and other conduct directed toward another person in accordance with Title II of the Americans with Disabilities Act of 1990 and Section 504 of the Rehabilitation Act of 1973 (discrimination based on national origin or race); Title IX of the Education Amendments of 1972 (discrimination based on gender); and the Age Discrimination Act of 1975 (discrimination based on age).

Individuals with concerns or inquiries about discrimination are encouraged to attempt to resolve the grievance informally by working with the administrator most directly involved in the situation. If resolution is not achieved, following persons have been designated to handle inquiries and formal complaints regarding the application of non-discrimination policies:

Brett Arenz, Civil Rights Officer/Title IX COordinator, 201 E. 38th Street, Sioux Falls, SD 57105-5898, (605) 367-4670.

Section 504 (discrimination based on disability):

Molly Satter, Supervisor of Health Services, 201 E. 38th Street, Sioux Falls, SD 57105-5898m (605) 367-7933.

For relay services for the hearing impaired: dial 711, then the desired number.