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INTRODUCTION

At Caldwell, we believe our students can develop the perceptual tools and character needed to make sound moral decisions. By emphasizing character, we are preparing our students for responsible citizenship in a free and just society.

The information in this Course of Study is intended to assist students and their parents/guardians in the process of planning their program of study through high school.

SCHOOL COUNSELING

The school counseling department at Caldwell High School assists students in the areas of academic, social/emotional, and college and career development. The school counselor cultivates students’ interests through career and personality exploration through classroom lessons, small group sessions, and individual counseling.

Parents/guardians and students are encouraged to schedule appointments with their school counselor to discuss areas of interest or concern. Caldwell High School’s teachers, counselor, and administrator will gladly discuss course offerings and assist with students’ future planning needs.

Informed course selection is imperative to providing our students with a future best suited for their abilities.
Class Standing

Freshmen --------------- 0 - 5.5 credits
Sophomore --------------- 5.5 - 11 credits
Junior ----------------- 11 - 15 credits
Senior ----------------- 15 - 22 credits

Grading Scale

Class Rank

Valedictorian & Salutatorian

Grading Scale

<table>
<thead>
<tr>
<th>Grade</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>92-100%</td>
</tr>
<tr>
<td>B</td>
<td>83-91%</td>
</tr>
<tr>
<td>C</td>
<td>74-82%</td>
</tr>
<tr>
<td>D</td>
<td>65-73%</td>
</tr>
<tr>
<td>F</td>
<td>Below 65%</td>
</tr>
</tbody>
</table>

A student must earn a 65% average in a course for the year in order to earn credit. The percentage achieved during a nine-week grading period will carry twice the weight of the percentage achieved on the semester and final exams.

Course requirements in order to receive credit may include: participating in an event, completing a project, or writing a research paper. Failure to complete course requirements could result in failure of a course.
Class Rank

Caldwell High School currently uses a 4.0, unweighted grading scale (weighted starting in 2024).

The grade point average earned each nine week grading period will be used to determine eligibility for the honor roll and for participation in sports.

Cumulative GPA is based on all final grades earned for each course and will be used to determine class rank. Grade point averages are calculated by converting final letter grades to the values based on a 4.0 scale and dividing the total points by the number of credits attempted. Cumulative GPAs are rounded to two decimal places.

Valedictorian & Salutatorian

The honor of valedictorian will be awarded to the student holding the highest grade point average for grades 9 through 12, while the designation of salutatorian will be bestowed on the student holding the second highest cumulative GPA. The final tally of grades will occur at the end of the third grading period of the senior year.

The valedictorian and salutatorian will be offered the opportunity to participate in the Caldwell High School graduation ceremonies. Speeches must be submitted in print and approved by the principal prior to the ceremony.
Graduation

Currently, the classes of 2021 and 2022 are offered two graduation pathways, one of which is also the graduation pathway for class of 2023 and beyond.

Class of 2021 & 2022
1. Complete required credit hours and course work
2. Complete 18 points across seven (7) End-of-Course exams
   **OR**
   Receive a remediation-free score on the ACT or SAT. The state pays for all junior students to take the ACT at their high school.
   **OR**
   Earn a minimum of 12 points by receiving a State Board of Education-approved, industry-recognized credential or group of credentials in a single career field and earn the required score on WorkKeys, a work-readiness test. The state of Ohio will pay one time for you to take the WorkKeys test.

Class of 2023 and beyond *(Class of 2021 & 2022 may opt for this pathway)*
1. Complete required credit hours and course work
2. Competency:
   a. Earn a passing score on Ohio’s high school algebra I and English II End-of-Course tests. *Students who do not pass the test will be offered additional support and must retake the test at least once.*
   **OR**
   b. Students unable to pass algebra I or English II will be offered one of 3 options:

<table>
<thead>
<tr>
<th>Option 1: Demonstrate 2 Career-Focused Activities:</th>
<th>Option 2: Enlist in the Military</th>
<th>Option 3: Complete College Coursework</th>
</tr>
</thead>
</table>
| **Foundational**  
  ■ Proficient scores on WebXams  
  ■ 12-point industry credential  
  ■ Pre-apprenticeship or acceptance into an approved apprenticeship program  
**Supporting**  
  ■ Work-based learning  
  ■ Earn the required score on WorkKeys  
  ■ Earn the OhioMeansJobs Readiness Seal  
*At least 1 must be foundational*  
   Show evidence that you have signed a contract to enter a branch of the U.S. armed services upon graduation.  
   Earn credit for one college-level math and/or college-level English course through Ohio’s free College Credit Plus program. |

3. Earn two diploma seals. At least one of the two must be Ohio-designed:

- OhioMeansJobs Readiness Seal (Ohio)
- Industry-Recognized Credential Seal (Ohio)
- College-Ready Seal (Ohio)
- Military Enlistment Seal (Ohio)
- Citizenship Seal (Ohio)
- Science Seal (Ohio)
- Honors Diploma Seal (Ohio)
- Seal of Biliteracy (Ohio)
- Technology Seal (Ohio)
- Community Service Seal (Local)
- Fine and Performing Arts Seal (Local)
- Student Engagement Seal (Local)
# Graduation Credit Requirements

Caldwell Exempted Village Schools requires students complete 22 credits of high school coursework.

<table>
<thead>
<tr>
<th>Subject</th>
<th>Minimum required credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Language Arts</td>
<td>4</td>
</tr>
<tr>
<td>Mathematics</td>
<td>4</td>
</tr>
<tr>
<td>Social Studies</td>
<td>4</td>
</tr>
<tr>
<td>Science</td>
<td>3</td>
</tr>
<tr>
<td>Health</td>
<td>0.5</td>
</tr>
<tr>
<td>Physical Education*</td>
<td>0.5</td>
</tr>
<tr>
<td>Fine Arts*</td>
<td>1</td>
</tr>
<tr>
<td>Electives</td>
<td>5</td>
</tr>
</tbody>
</table>

*Caldwell High School utilizes physical education and fine art waivers to satisfy these requirements. Students are still responsible for earning 22 credits.

**Mathematics** – Units must include one unit of algebra II or the equivalent of algebra II. Exceptions: Algebra II is not a requirement for students following a career-technical pathway. However, students still must have four units in mathematics. A student may choose to apply one unit of advanced computer science to satisfy one unit of algebra II/math III or equivalent. Districts also may use credit in a computer science course approved by the Department to satisfy a student’s mathematics credit.

**Social studies** – Students must include ½ unit of American history, ½ unit of American government, and ½ unit in world history and civilizations (for students in the classes of 2021 and beyond) in the three required social studies units.

**Science** – Units must include one unit of physical sciences, one unit of life sciences and one unit of advanced study in one or more of the following sciences: chemistry, physics or other physical science; advanced biology or other life science; astronomy, physical geology or other earth or space science. A student can choose to apply one credit in advanced computer science to satisfy one unit of advanced science (excluding biology or life sciences).

**Physical education** – School districts may adopt policies that would exempt students who participate in interscholastic athletics, marching band or cheerleading for two full seasons or an approved Junior Reserve Officer Training Corps (JROTC) program for two years from the physical education requirement. Starting with the 2019-2020 school year, districts may include show choir as a permissible activity as part of the PE Waiver policy. Students satisfying the physical education waiver must take another course of study of at least 60 hours of instruction (1/2 unit).
Elective credits – Elective units must include one or any combination of world language, fine arts, business, career-technical education, family and consumer sciences, technology, agricultural education or English language arts, mathematics, science or social studies courses not otherwise required.

Financial Literacy – Ohio law requires students to receive instruction in financial literacy as part of the high school graduation requirements. However, it is up to local districts to determine how to best meet the needs of their students. For example, the financial literacy content may be incorporated into another course, or some districts may require students to take a standalone financial literacy course for a half credit that can meet either a graduation requirement for social studies or an elective.

Commencement Exercises

A student must meet all standards as established by the State Board of Education and the Caldwell Exempted Village School District Board of Education in order to earn the distinction as a graduate of Caldwell High School. In order to participate in the graduation ceremony and receive a diploma, a student must earn at least 22 credits, pass all required courses, complete all graduation requirements set forth by the Ohio Department of Education, and pay all fees owed to the Caldwell Exempted Village School District.

Graduation Assessments

Ohio’s State Tests
Class of 2021 and 2021 must earn 18 points across seven End-of-Course state tests. Within their 18 points, students must earn a minimum of four points in math, four points in English and six points across science and social studies. Students in the class of 2023 and beyond must meet a proficient score in Algebra I and English 2.

End-of-Course exams are:

- Algebra 1 and Geometry
- Biology
- American History and American Government
- English 1 and English 2

Students studying Advanced Placement (AP) or International Baccalaureate (IB) courses in American Government, or American History may take and substitute test scores for end-of-course state exams to avoid double testing. Students also may substitute grades from College Credit Plus courses in these subjects for end-of-course state exams. Regardless of how students take Biology, they must take the state test in Biology.
Industry Credential and Workforce Readiness
Students earn 12 points through a State Board of Education-approved, industry-recognized credential or group of credentials in a single career field and achieve a workforce readiness score on the WorkKeys assessment. The state of Ohio will pay one time for those who take the WorkKeys assessment.

College Admission Test
Students earn “remediation-free” scores in English Language Arts and Mathematics on a nationally recognized college admission exam (ACT or SAT). The state of Ohio will pay one time for all 11th grade students in the classes of 2018 and beyond to take the exam free of charge.

ACT/SAT Dates

<table>
<thead>
<tr>
<th>ACT (American College Test)</th>
<th>SAT (Scholastic Aptitude Test)</th>
</tr>
</thead>
<tbody>
<tr>
<td>June 13, 2020</td>
<td>May 2, 2020</td>
</tr>
<tr>
<td>July 18, 2020</td>
<td>June 6, 2020</td>
</tr>
<tr>
<td>More will be added when dates are released</td>
<td>More will be added when dates are released</td>
</tr>
</tbody>
</table>

Academic Excellence Recognition
Students are eligible for the honor roll based on their grade point average for each nine weeks grading period according to the following scale:

- Principal’s List ----------- 3.84 – 4.00
- First Honors List ------- 3.50 – 3.83
- Second Honors List ---- 3.00 – 3.49
Dropping & Changing Courses

Extended, intentional time is spent scheduling courses appropriate to long-term goals and abilities. Dropping a class requires a submission and approval process to ensure that students are able to carry enough credits throughout the year. The following guidelines should be followed if a class is to be dropped. A Schedule Change Request Form must be completed and returned to the guidance office with the proper signatures and within the proper timelines for scheduling changes to be completed.

- **First Semester and Year Long Classes**: Schedule changes must be made 5 days before the start of the school year or within the first 5 days of the school year.
- **Second Semester Classes**: Schedule changes must occur 5 days before the start of second semester or within the first 5 days of the second semester.

Waivers

Waivers are used for students who wish to open their schedule to explore other courses or because they have already fulfilled the course through another option. Waivers available to Caldwell High School students are: physical education and fine art.

**Physical Education**
Students may choose to use a physical education (PE) waiver if they have participated in a school-sponsored sport (including cheerleading) or marching band for 2 seasons or 2 years. In addition, students are required to take a 60 hour course to fulfill the missing credit.

**Fine Art**
Students may choose to use a fine art waiver only if they have taken and passed with a “C” two years of career-technical education (CTE) classes which fall under the Agriculture & Environmental Systems department and the Engineering & Manufacturing department.
Credit Recovery

Failed Credit: Students who received a failing grade below a 65% in a semester course will be required to repeat the course. Students will be scheduled for remediation in the class they failed. They will be expected to acquire credit for the failed courses by the end of first semester through online and in class credits.

Failing Credit: At interims of each semester, students who are receiving below a 65%, and have been identified to be in need of intervention, will be placed on an online credit recovery course through Educere in conjunction with their in-person course.

Senior Early Release

Approved students must be leaving early for at least one of the following reasons:
  ■ Job shadowing
  ■ Work experience
  ■ Volunteer experience
  ■ College Credit Plus courses off-campus

Students are required to complete a release form from the Main Office and get approval from the principal and school counselor.
# Athletic Eligibility

The following academic requirements will be enforced for all athletes who participate in interscholastic athletics. These are established by the Ohio High School Athletic Association (OHSAA) and may be changed by the OHSAA at any time.

1. In order to be eligible in grades 9-12, a student must be enrolled by the 15\textsuperscript{th} calendar day of the school year. During the preceding grading period, the student must have received passing grades in a minimum of five (5) credit hour courses or the equivalent that counts toward graduation, and must have received a 1.25 GPA during the previous grading period. Semester and yearly averages have no effect on eligibility.

2. The eligibility or ineligibility of a student continues until the start of the 5\textsuperscript{th} school day of the next grading period, at which time the grades from the preceding grading period become effective.

3. Summer school and other courses taken outside of the regular school day do not count towards eligibility.

4. A student enrolled as a freshman for the first time, after advancing from the eighth grade, must have passed at least 5 credits the last grading period before entering high school.

5. The eligibility of a transfer student must be established through official school records or verification from the sending school. The responsibility for establishing eligibility rests with the receiving school.

6. Tutoring or examinations to complete the preceding grading period requirements are permissible provided the inability to complete the required work on time is due to illness or an accident as verified by a physician.

7. The Commissioner of OHSAA may waive the requirement of the preceding grading period enrollment if a student has been withdrawn or removed from school because of circumstances due to a personal accident, illness, or family hardship. The principal of the school shall appeal in writing to the Commissioner. The appeal shall contain documentation with school and medical supporting evidence. The decision of the Commissioner may be appealed to the Board of Control.
Honors Diplomas

There are four honors diplomas offered to Caldwell High School students:

- Academic Honors Diploma
- Arts Honors Diploma
- Career Tech Honors Diploma
- STEM Honors Diploma

Students must meet all but one of the criteria for each diploma type, unless it is a minimum graduation requirement.

### Academic Honors Diploma

<table>
<thead>
<tr>
<th>Subject</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mathematics</td>
<td>4 units</td>
</tr>
<tr>
<td>Science</td>
<td>4 units, including 2 units of advanced science</td>
</tr>
<tr>
<td>Social Studies</td>
<td>4 units</td>
</tr>
<tr>
<td>World Languages</td>
<td>3 units of one world language, or no less than 2 units of each of 2 world languages studied</td>
</tr>
<tr>
<td>Fine Arts</td>
<td>1 unit</td>
</tr>
<tr>
<td>GPA</td>
<td>3.5 on a 4.0 scale</td>
</tr>
<tr>
<td>ACT/SAT</td>
<td>ACT: 27 or higher/SAT: 1280 or higher</td>
</tr>
</tbody>
</table>

### Arts Honors Diploma

<table>
<thead>
<tr>
<th>Subject</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mathematics</td>
<td>4 units</td>
</tr>
<tr>
<td>Science</td>
<td>3 units, including 1 unit of advanced science</td>
</tr>
<tr>
<td>Social Studies</td>
<td>3 units</td>
</tr>
<tr>
<td>World Languages</td>
<td>3 units of one world language, or no less than 2 units of each of 2 world languages studied</td>
</tr>
<tr>
<td>Fine Arts</td>
<td>4 units</td>
</tr>
<tr>
<td>Electives</td>
<td>2 units with a focus in fine arts</td>
</tr>
<tr>
<td>GPA</td>
<td>3.5 on a 4.0 scale</td>
</tr>
<tr>
<td>ACT/SAT</td>
<td>ACT: 27 or higher/SAT: 1280 or higher</td>
</tr>
<tr>
<td>Field Experience</td>
<td>Complete a field experience and document the experience in a portfolio specific to the student’s area of focus</td>
</tr>
<tr>
<td>Portfolio</td>
<td>Develop a comprehensive portfolio of work based on the student’s field experience or a topic that is related to the student’s area of focus</td>
</tr>
<tr>
<td>Career-Tech Honors Diploma</td>
<td>STEM Honors Diploma</td>
</tr>
<tr>
<td>----------------------------------------------------------------</td>
<td>--------------------------------------------------------</td>
</tr>
<tr>
<td><strong>Mathematics</strong></td>
<td><strong>Mathematics</strong></td>
</tr>
<tr>
<td>4 units</td>
<td>5 units</td>
</tr>
<tr>
<td><strong>Science</strong></td>
<td><strong>Science</strong></td>
</tr>
<tr>
<td>4 units, including 2 units of advanced science</td>
<td>5 units, including 2 units of advanced science</td>
</tr>
<tr>
<td><strong>Social Studies</strong></td>
<td><strong>Social Studies</strong></td>
</tr>
<tr>
<td>4 units</td>
<td>3 units</td>
</tr>
<tr>
<td><strong>World Languages</strong></td>
<td><strong>World Languages</strong></td>
</tr>
<tr>
<td>2 units of one world language</td>
<td>3 units of one world language, or no less than 2 units of each of two world languages studied</td>
</tr>
<tr>
<td><strong>Electives</strong></td>
<td><strong>Fine Arts</strong></td>
</tr>
<tr>
<td>4 units of career-technical courses</td>
<td>1 unit</td>
</tr>
<tr>
<td><strong>GPA</strong></td>
<td><strong>GPA</strong></td>
</tr>
<tr>
<td>3.5 on a 4.0 scale</td>
<td>3.5 on a 4.0 scale</td>
</tr>
<tr>
<td><strong>ACT/SAT/WorkKeys</strong></td>
<td><strong>ACT/SAT</strong></td>
</tr>
<tr>
<td>ACT: 27 or higher/SAT: 1280 or higher/WorkKeys: 6 or higher on Reading for Information and 6 or higher on Applied Mathematics</td>
<td>ACT: 27 or higher/SAT: 1280 or higher</td>
</tr>
<tr>
<td><strong>Field Experience</strong></td>
<td><strong>Field Experience</strong></td>
</tr>
<tr>
<td>Complete a field experience and document the experience in a portfolio specific to the student’s area of focus.</td>
<td>Complete a field experience and document the experience in a portfolio specific to the student’s area of focus.</td>
</tr>
<tr>
<td><strong>Portfolio</strong></td>
<td><strong>Portfolio</strong></td>
</tr>
<tr>
<td>Develop a comprehensive portfolio of work based on the student’s field experience or a topic that is related to the student’s area of focus.</td>
<td>Develop a comprehensive portfolio of work based on the student’s field experience or a topic that is related to the student’s area of focus.</td>
</tr>
<tr>
<td><strong>Additional Assessments</strong></td>
<td></td>
</tr>
<tr>
<td>Earn an industry-recognized credential or achieve proficiency benchmark for appropriate Ohio Career-Technical Competency Assessment or equivalent.</td>
<td></td>
</tr>
</tbody>
</table>
Supplementary Programs

College Credit Plus Program

The Ohio Department of Education has provided an option, College Credit Plus (CCP) for students wishing to receive college credit while in high school. Caldwell High School offers these courses on our campus through Zane State College and Washington State Community College.

Requirements of CCP:

- Attend an information session held every January at Caldwell High School
- Take and receive passing scores on the Accuplacer test offered every spring
- Complete an intent form and submit to their school counselor by April 1

If a student considers leaving the high school for CCP they will be required to attend quarterly meetings with their school counselor to ensure they are on track in their classes and receive information necessary for the grade level. Colleges will not provide progress reports to the school until a student is at risk of failing a course or has reached CCP Probation status. Therefore, the student is responsible for communicating with CHS if they are in need of additional resources.

Consider if your student has the maturity, not just abilities, to take CCP courses off campus.

Mid-East Career & Technology Center Programs

Acceptance to the career center happens during the 10th grade year and is based on grades, attendance, and behavior. Applications are typically available in November and due in January/February.

Students should have earned a minimum of 10 credits by the end of the 10th grade, which must include the following:

- English 2 credits
- Math 2 credits
- Social Studies 2 credits
- Science 2 credits
- Health ½ credit
- Physical Education ½ credit
- Elective Credits 1-3 credits

Students accepted to the Career Center who are deficient in credits will need to develop a plan to make up credits. This likely means attending summer school.
WorkPlace Experience and Internship Opportunities

Caldwell High School is actively growing WorkPlace Experience (WPE) and Internship opportunities for students. Students are encouraged to speak with their school counselor regarding available opportunities. Students are encouraged to complete applications for internships in the spring when they schedule courses.

Information Technology (IT) Internship

Under supervision of Caldwell Exempted Village Schools’ IT Director. Students will gain experience installing computer programs on Chromebooks, laptops, and computers; fixing technical issues with school computers; and working independently. Interested students should complete the internship application and submit by May 1 for the following school year.

Special Education

Caldwell High School offers two education options for students in need of special education.

Inclusion: Course taught by a general education instructor with a licensed intervention specialist (IS) co-teaching the class and filling in the gap that may not be reached by the general education curriculum. Classwork, tests, and quizzes are modified by the IS and targeted intervention in the form of additional teaching or help is provided for those students. The IS and general education teachers co-plan together in order to make sure that all students’ needs are met. The IS collects and monitors data for students’ IEP which is shared with teachers to ensure IEP goals can be met. Students receiving inclusion classes will be placed into a resource class for structured small group or individual intervention with their intervention specialist.

Resource: Course taught by a licensed special education teacher. Classwork, tests, and quizzes are modified for students by the special education teacher.
## Courses Offered

### English Language Arts Department

#### English 9

English 9 emphasizes the development of close reading, writing, thinking (interpreting and analyzing), listening, and presentation skills. Students will be given opportunities to develop understanding and demonstrate mastery of these skills and techniques. The core goals of the course are to grow as critical thinkers, readers, writers, and speakers and to develop personal integrity and responsibility. Course materials include poetry, short stories, drama, novels, and non-fiction essays/excerpts. Required assignments include formal class discussions, academic papers, assessments, projects and speeches.

<table>
<thead>
<tr>
<th>Grade</th>
<th>9</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>2 Semesters</td>
</tr>
<tr>
<td>Credits</td>
<td>1.00</td>
</tr>
</tbody>
</table>

**Co-Requisites:** None

**Prerequisites:** Recommended for those with ELA accommodations

#### College Preparatory English 9

CP English 9 emphasizes the development of close reading, writing, thinking (interpreting and analyzing), listening, and presentation skills. Students will be given opportunities throughout the year to develop understanding and demonstrate mastery of these skills and techniques. The course will include study of poetry, short stories, drama, novels, and nonfiction essays/excerpts. Required assignments include formal academic papers, assessments, projects, and speeches.

<table>
<thead>
<tr>
<th>Grade</th>
<th>9</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>2 Semesters</td>
</tr>
<tr>
<td>Credits</td>
<td>1.00</td>
</tr>
</tbody>
</table>

**Co-Requisites:** None

**Prerequisites:** None

#### College Preparatory English 10

This class will include various reading opportunities and discussion of novels, individual study opportunities, composition, grammar, vocabulary, and other activities. A wide range of readings will be offered in various genres with short stories, novels, non-fiction, and poetry. This class is writing intensive, with essays from various modes of writing, emphasizing organization, critical thinking, and proper research strategies.

<table>
<thead>
<tr>
<th>Grade</th>
<th>10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>2 Semesters</td>
</tr>
<tr>
<td>Credits</td>
<td>1.00</td>
</tr>
</tbody>
</table>

**Co-Requisites:** None

**Prerequisites:** English 9/CP English 9
Advanced English 10

English 9 emphasizes the development of close reading, writing, thinking (interpreting and analyzing), listening, and presentation skills. Students will be given opportunities to develop understanding and demonstrate mastery of these skills and techniques. The core goals of the course are to grow as critical thinkers, readers, writers, and speakers and to develop personal integrity and responsibility. Course materials include poetry, short stories, drama, novels, and non-fiction essays/excerpts. Required assignments include formal class discussions, academic papers, assessments, projects and speeches.

Co-Requisites: Reliable computer and internet access.

Prerequisites: A or B in previous English course (C with instructor approval). Past attendance will be reviewed prior to admission into the course.

ELA: Concepts of Identity

This course examines core texts through the lens of identity creation, formation, transmission, evolution, adaptation, etcetera. Emphasis is placed on the advancement and application of close reading, writing, thinking (interpreting, reflecting, and analyzing), listening, and presentation skills. Additional focus is directed towards students demonstrating understanding of course content/concepts through student-driven class discussions and formal academic writing. Emphasis is placed on utilizing the writing process and applying MLA Format. Vocabulary expansion is integrated throughout the course. Students will be given opportunities throughout the year to hone and demonstrate mastery or these skills and techniques. Course materials include poetry, short stories, drama, novels, and non-fiction essays/excerpts. Required assignments include formal class discussions, academic papers, assessments, projects and speeches. *Offered even years.

Co-Requisites: None

Prerequisites: English 10/CP/Advanced English 10

ELA: Concepts of Choice

This course examines core texts through the lens of choice: motivations, consequences, regret, redemption, etcetera. Emphasis is placed on the advancement and application of close reading, writing, thinking (interpreting, reflecting, and analyzing), listening, and presentation skills. Additional focus is directed towards students demonstrating understanding of course content/concepts through student-driven class discussions and formal academic writing. Emphasis is placed on utilizing the writing process and applying MLA Format. Vocabulary expansion is integrated throughout the course. Students will be given opportunities throughout the year to hone and demonstrate mastery or these skills and techniques. Course materials include poetry, short stories, drama, novels, and non-fiction essays/excerpts. Required assignments include formal class discussions, academic papers, assessments, projects and speeches. *Offered odd years.

Co-Requisites: None
**Honors Literature & Composition**

This course hones students’ ability to understand and evaluate works of short fiction, longer fiction, poetry, and drama from various periods and cultures. Each unit focuses on a combination of the following “Big Ideas”: Characterization, Setting, Structure, Narration, Figurative Language, and Literary Argumentation. Students will read literary works through critical lenses and compose essays that present a well-supported analysis. Additional focus is directed towards students demonstrating understanding of course content/concepts through student-driven class discussions and formal academic writing. Emphasis is placed on utilizing the writing process (including revision) and applying MLA Format. Vocabulary expansion is integrated throughout the course. *Offered even years.*

**Co-Requisites:** Reliable computer and internet access.

**Prerequisites:** English 10/CP/Advanced English 10

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**Honors Language and Composition**

This course cultivates the reading and writing skills that students need for college success and for intellectually responsible civic engagement. Each unit focuses on a combination of the following “Big Ideas”: Rhetorical Structure, Claims and Evidence, Reasoning and Argumentation, and Style. The course guides students in becoming curious, critical, and responsive readers of diverse texts and becoming flexible, reflective writers of texts addressed to diverse audiences for diverse purposes. The reading and writing students do in the course should deepen and expand their understanding of how written language functions rhetorically: to communicate writers’ intentions and elicit readers’ responses in particular situations. Additional focus is directed towards students demonstrating understanding of course content/concepts through student-driven class discussions and formal academic writing. Emphasis is placed on utilizing the writing process (including revision) and applying MLA Format. Vocabulary expansion is integrated throughout the course. *Offered odd years.*

**Co-Requisites:** Reliable computer and internet access.

**Prerequisites:** English 10/CP/Advanced English 10; logic is recommended.

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**Zane State Composition I - ZS 1500**

This course emphasizes the writing and revising process with essay mastery as the primary goal. Students read literary examples as models and write in descriptive, narrative, expository, persuasive, and poetic modes. A research essay written in APA style is a requirement to successfully complete this course.

**Co-Requisites:** Reliable computer and internet access.

**Prerequisites:** Passing cut score on the AccuPlacer or a remediation-free ACT or SAT score

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Zane State American Literature: Civil War to Present - ZS 2600

This survey course introduces students to a broad range of American literature (print and film) involving works from the mid-nineteenth century up to the present day. The works studied will include poetry, novels, short stories, and nonfiction essays. By reading and analyzing these works, students will learn about significant themes, conventions, literary movements, and historical events during this time period and will also strengthen their critical thinking and writing skills. Writers studied may include Walt Whitman, Emily Dickinson, Mark Twain, and Robert Frost.

Co-Requisites: Reliable computer and internet access.
Prerequisites: Grade of "C" or better in ZS ENGL-1500 Composition I

Zane State Composition II - ZS 2500

Students will employ the writing process introduced in Composition I. Composition II emphasizes the development of rhetorical skills for literary analysis, critical appraisal, and academic research. Students will read literary texts and create several expository and persuasive essays.

Co-Requisites: Reliable computer and internet access.
Prerequisites: ZS ENGL-1500 Composition I

Zane State British Literature: Industrialism to Present - ZS 2520

This survey course introduces students to a broad range of British literature (print and film) involving works from the Early Romantic Period up to the present day. The works studied will include novels, short stories, poetry, and drama. By reading and analyzing these works, students will learn about various themes, conventions, literary movements, and historical events during this time period and will also strengthen their critical thinking skills. Writers studied will include Wordsworth, Dickens, Blake, Shelley, Austen, Yeats, and Heaney.

Co-Requisites: Reliable computer and internet access.
Prerequisites: ZS ENGL-1500 Composition I
Critical Thinking

Our mind’s ability to think is one of the most unique characteristics of our identity as humans. We call this ability reasoning or logic. By discovering the specific, ancient principles of how we craft understanding, we engage in a worthwhile venture of education: understanding ourselves. This course lays the foundation of formal logic, specifically basic concepts of logic and techniques for judging the validity of arguments. Topics include systems for symbolizing arguments and deriving conclusions from premises, formal and informal fallacies of reasoning, classical and contemporary theories of deduction - the syllogism and enthymeme - as well as induction - generalization and hypothesis testing.

Co-Requisites: Reliable computer and internet access.

Prerequisites: None

Advanced Writing

Advanced Writing is designed to provide students with ample opportunity to learn, practice, and hone the writing skills reflective of those typical in a college classroom. The course provides exposure to a wide variety of genre-based writing tasks as well as targeted instruction in writing-related content (i.e. plagiarism, formatting and crediting sources, etc.). Emphasis is placed on analyzing writing samples and utilizing feedback to promote growth as writers. This course seeks to develop and hone your own ability to utilize language to effectively communicate ideas to a reader. Written pieces will vary in length, genre, and skill focus, but each is designed to equip us to approach any writing task, no matter how daunting with confidence and clarity.

Co-Requisites: Reliable computer and internet access.

Prerequisites: A or B in previous English Course (C with approval of instructor).
Past attendance will be reviewed prior to admission into the course.
Critical Thinking is recommended.

Communications

Communications is designed to provide students with ample opportunity to learn, practice, and hone the public speaking skills reflective of those typical in a college classroom. The course provides exposure to a variety of speaking tasks as well as targeted instruction in related content (i.e. structure, style, plagiarism, formatting and crediting sources, etc.). Emphasis is placed on goal setting, self-reflections, peer-critiques, and utilizing feedback to promote growth as speakers. Sharing our ideas may be a vulnerable experience. Each speech you deliver will stretch you in a different way, but when faced with honesty, you will find a strength that allows you to build upon your successes and discover your own, uniquely special voice. Note: A few formal speeches will require business professional attire. You will be notified in advance to give preparation time.

Co-Requisites: Reliable computer and internet access.

Prerequisites: A or B in previous English Course (C with approval of instructor).
Past attendance will be reviewed prior to admission into the course.
Critical Thinking is recommended.
Yearbook

Yearbook & Journalism is a skill-based production class. This means that throughout the course of the year, students will learn ideas, techniques, and concepts that will help them create specific products. Most importantly, students will contribute to the creation of a yearbook and journalism publications. They are the end-all and be-all of the course. In order to do this, students will learn the specifics of photography, graphic design, writing copy, and marketing.

Co-Requisites: Reliable computer and internet access.

Prerequisites: Passing cut score on the AccuPlacer or a remediation-free ACT or SAT score needed for CCP Credit. A or B in previous English Course (C with approval of instructor); Past attendance will be reviewed prior to admission into the course. One semester of Communication is recommended.

Digital Media Communications

Potential new course related to journalism. Description in progress.

Co-Requisites: Reliable computer and internet access.

Prerequisites: English 9/CP English 9

Introduction to Education

In this course, students will read a wide range of texts on education and pedagogy. Authors will include: Plato, Aristotle, Augustine, Aquinas, Locke, Kant, Nietzsche, Whitehead, Dewey, Washington, Du Bois, Woolf, Oakeshott, Arendt, Weil, and MacIntyre. As part of the work of the preceptorial, students will practice co-leading the discussion, either with the instructor or with another student, and receive feedback on this. Students will work in tandem with Student Government and design group/individual school culture or school improvement projects reflective of the ideas and concepts from course readings as well as in alignment with the school mission.

Co-Requisites: Reliable computer and internet access.

Prerequisites: Cut-Score on Accuplacer is required for CCP Credit. A or B in previous English Course (C with approval of instructor); Past attendance will be reviewed prior to admission into the course. One semester of Communication is recommended. Logic is recommended.
Integrated Mathematics I

Integrated Mathematics 1 is the first course of a three course sequence including Integrated Mathematics 1, Integrated Mathematics 2, and Integrated Mathematics 3. IM 1 is designed to use patterns, models, and conjectures to build mathematical understanding. Students taking this course will extend their knowledge in Number and Quantity, Algebra, Functions, Modeling, Geometry, and Statistics and Probability. Students taking this course will use a variety of approaches to deepen their understanding, such as mathematical sense making, making and testing conjectures and justifying conclusions, using mathematical models to represent real-world data, providing clear and concise answers, and having computational and symbolic fluency.

Co-Requisites: None
Prerequisites: None

Grade: 9
Length: 2 Semesters
Credits: 1.00

Algebra I

Students will write, solve, and graph linear equations, including systems of two linear equations in two unknowns. Quadratic equations will be solved by factoring or by application of the quadratic formula. The course also includes study of monomial and polynomial expressions, inequalities, exponents, functions, rational expressions, ratio, and proportion. Algebraic skills are applied in a wide variety of problem-solving situations.

Co-Requisites: None
Prerequisites: None

Grade: 9
Length: 2 Semesters
Credits: 1.00

Geometry

Geometry is a study of geometric concepts and ideas. Its underlying purpose is to promote logical thinking. It is a requirement in all liberal arts, science and engineering schools. Proofs are a major consideration in this course and, therefore, involve a depth of thinking that is challenging and mature. Pacing and depth will be at the appropriate level.

Co-Requisites: None
Prerequisites: Algebra I

Grade: 10
Length: 2 Semesters
Credits: 1.00

Algebra II
This course develops advanced algebra skills such as systems of equations, advanced polynomials, radicals, imaginary and complex numbers, and quadratics. It also introduces matrices and their properties.

Co-Requisites: None
Prerequisites: Algebra I

Pre-Calculus

Pre-Calculus is a course designed to be taken in a sequence following Algebra II. Topics covered include review of algebra, trigonometry, analytic geometry, theory of equations, and graphing techniques. Other topics will be covered when time permits.

Co-Requisites: None
Prerequisites: Algebra II

Calculus

This course introduces the concepts of limit, continuity, derivative, integral, and applications. It assumes some knowledge of trigonometric functions and equations for lines and conic sections.

Co-Requisites: None
Prerequisites: Pre-Calculus

Science Department

Physical Science

Physical Science introduces students to the fundamentals of physics and chemistry. Students explore the world we live in, including forces, motion, energy, the nature of matter and atoms, how the periodic table is arranged, how chemicals bond, balancing chemical equations, writing and naming chemical compounds.

Co-Requisites: None
Prerequisites: None
College Preparatory Physical Science

This college prep course is an introduction to physical science concepts and is intended to prepare students for success in chemistry and/or physics. Among other subjects, students study: Structure of atoms, Organization of the Periodic Table, Chemical reactions, Forces and motion, Energy, including light, thermal, and electricity, life cycle of stars.

Co-Requisites: None
Prerequisites: A in 8th grade science

Grade: 9
Length: 2 Semesters
Credits: 1.00

General Biology

This course entails a comprehensive study of the nature of science, including scientific methods, the principles of Ecology and Environmental Science, the structure and function of prokaryotic and eukaryotic cells, cellular chemistry and macromolecules, protein synthesis & mutation, genetics and heredity, animal morphology, population dynamics, evolution and classification. Students will engage in hands-on scientific investigations, including organism dissections.

Co-Requisites: None
Prerequisites: Physical Science

Grade: 10
Length: 2 Semesters
Credits: 1.00
College Preparatory Biology

This course entails a comprehensive study of the nature of science, including scientific methods, the principles of Ecology and Environmental Science, the structure and function of prokaryotic and eukaryotic cells, cellular chemistry and macromolecules, protein synthesis & mutation, genetics and heredity, animal morphology, population dynamics, evolution and classification. Students will engage in hands-on scientific investigations, including organism dissections. Course is geared toward college preparation and is more rigorous and in depth than that of general biology.

Co-Requisites: None
Prerequisites: Physical Science

Marine Biology

An in depth study of marine habitats and organisms. Students will view slides of all the ocean ecosystems, including the sea-life within them. In addition, through our studies, students will develop an understanding of how interrelated and interdependent all ecosystems are, even those we don’t come in contact with on a daily basis. The lab section of this course includes the dissection of a dogfish shark and an interactive visit to an aquarium. Junior/Senior level course.

Co-Requisites: None
Prerequisites: Biology (General or CP) & Physical Science

Zoology

Self-driven exploration of a zoologist’s profession. Students will learn to classify and research a variety of the world’s endangered animals, prepare a visually impactful presentation, and to properly format an APA research paper in preparation for college. The lab section of this course includes the dissection of a fetal pig and an interactive visit to a local zoo. Junior/Senior level course.

Co-Requisites: None
Prerequisites: Biology (General or CP) & Physical Science
Chemistry

This course includes a study of measurement skills, atomic structure, organization of the periodic table, bonding, stoichiometry, states of matter and kinetic theory, chemical nomenclature, solutions, acids/bases, and simple chemical and nuclear reactions. Mathematical relationships of chemical reactions and mathematical descriptions of gas behavior are studied under experimental conditions and in problem-solving situations. The course includes laboratory experiments designed to reinforce course content.

Co-Requisites: None

Prerequisites: C or higher in Algebra I is required
A or B in CP Physical Science preferred

Anatomy & Physiology

A comprehensive study of anatomical terminology, and the structure and function of the human body’s systems. The lab section of this course includes observations of tissue samples, the dissection of a heart, brain, and cat, participation in a school-run blood drive, and an interactive visit to the Ohio State University Cadaver Lab. Senior level course (will allow Juniors upon request). Chemistry is recommended but not required. This course is designed for students planning on entering into either the medical field or studying the biological sciences in college.

Co-Requisites: None

Prerequisites: B average in Biology

Physics

This course builds on principles introduced in physical science and prepares students for college physics. This course provides an understanding of the basic principles involved with physical concepts and the ability to apply these principles in the solution of problems. The course content includes topics in kinematics, Newton's Laws, vectors, momentum, work & energy, circular motion, static & current electricity and waves. *Offered even years.

Co-Requisites: Algebra II or higher math

Prerequisites: A or B in CP Physical Science
A or B in Algebra I
Zane State Environmental Science - BIOL 1070

A laboratory science course for non-science majors. Provides an introduction to science, the scientific method, basic biological and ecological concepts and applies these to current environmental issues. Students who successfully complete this course earn 3 credits at Zane State College. *Offered odd years

Grade: 11-12
Length: 2 Semesters
Credits: 1.00

Co-Requisites: None
Prerequisites: Passing cut score on the AccuPlacer or a remediation-free ACT or SAT score needed for CCP Credit.

Social Studies Department

World History

This course begins with a geographical study of both Europe and Asia. The focus then shifts to the following topics: Historical Thinking and Skills through the use of primary and secondary source texts, The Age of Enlightenment (1600-1800), The Age of Revolutions (1750-1914), Imperialism (1800-1914), Achievements and Crises (1900-1945), The Cold War (1945-1991), and Globalization (1991 - present). These topics encompass early revolutions that began due to Enlightened, progressive thinking, the desire of nations to imperialize and colonize those weaker than themselves for their own personal gains, global cause and effect relations that led to the outbreak of war in WWI, WWII, and in the "hotspots" of the Cold War, as well as, the interdependence and changing nature of our world today.

Grade: 9
Length: 2 Semesters
Credits: 1.00

Co-Requisites: None
Prerequisites: None

American History 1877-Present

This course examines the history of the U.S. from 1877 to the present day. Students will learn and understand the events that have shaped our nation in the time frame being examined. Students will learn to use sources and previous knowledge to build sound arguments and conclusions.

Grade: 10
Length: 2 Semesters
Credits: 1.00

Co-Requisites: None
Prerequisites: World History

American Government
American Government is a junior course in which students will examine documents that form the basis for how American people self-govern. Students will learn the basic functions of national, state and local levels of government.

Co-Requisites: None

Prerequisites: World History
               American History

**Economics**

This course will begin with the foundations of economics including opportunity costs, scarcity, production possibilities curves, and the laws of supply and demand. Students will then explore and compare the economic systems of countries around the globe and the impact each has on its people. Banking, investing, and taxation will be the focus of the second semester as students learn financial literacy skills that can help them to make wise choices with their money.

Co-Requisites: None

Prerequisites: None

**American Wars**

Description in progress.

Co-Requisites: None

Prerequisites: World History

**Holocaust**

The Holocaust course will take a more personal approach as we study individual stories of those who lived during this time of inhumanity. The course will use several texts as well as the United States Holocaust Musuem's resources to expand our understanding of genocide. The course will conclude with a study of areas of the world which have experienced genocide in even more recent years.

Co-Requisites: None

Prerequisites: World History and American History
Psychology

Introduction to Psychology: Survey of topics in psychology including physiological bases of behavior, methods of psychology, cognition, social/organizational, developmental, and personality/psychology.

Students can opt to take the course for College Credit Plus (CCP) Credit through Washington State Community College as PSYCH 1010 2-General Psychology

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Co-Requisites: None

Prerequisites: Passing cut score on the AccuPlacer or a remediation-free ACT or SAT score needed for CCP Credit.

Sociology

Introduction to the nature of human society and its development. Covers fundamental concepts and ideas: culture, personality, socialization, social organization, groups, and institutions.

Students can opt to take the course for College Credit Plus (CCP) Credit through Washington State Community College as SOCI1010 2-Introduction to Sociology

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Co-Requisites: None

Prerequisites: Passing cut score on the AccuPlacer or a remediation-free ACT or SAT score needed for CCP Credit.

Constitutional Principles

Discussion of constitutional principles and how they set the stage for a moral society. The course will pull texts from our founding documents and be examined through multiple lenses including case law. The goal is to gain understanding and insight into how our constitutional ideals result in the formation of human systems and organizations, such as governments, schools, or businesses.

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Co-Requisites: None

Prerequisites: Have taken or be enrolled in American Government

Current Events

Students will watch CNN10 daily; class discussions will take place over topics of interest; students are given a quiz weekly over the topics discussed. Students read and watch video clips from daily news articles from around the world and U.S. Students will take a geography quiz weekly about countries discussed in news articles.

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Co-Requisites: Enrolled in resource courses for core academic subjects

Prerequisites: None
# Foreign Language Department

## French I

French I is designed to introduce students to the fundamentals of French, and of language learning in general. Students will learn basic vocabulary structures necessary for communication on a beginning level with a French-speaking person. Equal emphasis will be placed on speaking, listening, reading, and writing.

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**Co-Requisites:** None  
**Prerequisites:** None

## French II

French I is designed to introduce students to the fundamentals of French, and of language learning in general. Students will learn basic vocabulary structures necessary for communication on a beginning level with a French-speaking person. Equal emphasis will be placed on speaking, listening, reading, and writing.

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**Co-Requisites:** None  
**Prerequisites:** Grade of C or higher in French I

## French III

French III is a continuation of French II and is designed for the serious language student who is motivated and capable of self-direction. Completion of the three-year sequence satisfies one of the requirements for the Honors Diploma.

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**Co-Requisites:** None  
**Prerequisites:** French II

## French IV

French III is a continuation of French II and is designed for the serious language student who is motivated and capable of self-direction. Completion of the three-year sequence satisfies one of the requirements for the Honors Diploma.

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**Co-Requisites:** None
Prerequisites: French III

Agricultural & Environmental Systems Department

Agriculture, Food and Natural Resources

This first course in the career field is an introduction to Agricultural and Environmental Systems. Students will be introduced to the scope of the Agricultural and Environmental Systems career field. They will examine principles of food science, natural resource management, animal science & management, plant & horticultural science, power technology and bioscience. Students will examine the FFA organization and Supervised Agricultural Experience programs. Throughout the course, students will develop communication, leadership and business skills essential to the agriculture industry.

Co-Requisites: None
Prerequisites: None

Grade: 9-12
Length: 2 Semesters
Credits: 1.25

Animal and Plant Science

Students will apply knowledge of animal and plant science to the agriculture industry. They will be introduced to the value of production animals relative to the agricultural marketplace. Students will engage in animal classification and selection, body systems, along with animal welfare and behavior in relation to the production of animals. Students will learn principles of plant anatomy and physiology, and the role of nutrition, deficiencies and growing environment on plant production. Throughout the course, business principles and professional skills will be examined.

Co-Requisites: None
Prerequisites: None

Grade: 9-12
Length: 2 Semesters
Credits: 1.25

Mechanical Principles

Students will engage in the mechanical principles utilized in animal and plant production systems. They will learn electrical theory, design, wiring, hydraulic and pneumatic theory, along with metallurgy in relation to hot and cold metals. Students will apply knowledge of sheet metal fabrication applicable to the agricultural industry along with identifying, diagnosing, and maintaining small air-cooled engines. Throughout the course, students will learn critical components of site and personal safety as well as communication and leadership skills.

Co-Requisites: None
Prerequisites: None

Grade: 9-12
Length: 2 Semesters
Credits: 1.25
Agronomic Systems

Students will apply knowledge and skills required to research, develop, produce and market major agricultural and horticultural crops. Cultural and sustainable production practices will be examined while students apply scientific knowledge of plant development, nutrition and growth regulation. The knowledge and skills needed to manage water, soils, and pests related to agronomic crops will be assessed. Students will employ technological advances, communication, business, and management strategies appropriate for the industry.

Co-Requisites: None
Prerequisites: None

Business Management for Agricultural and Environmental Systems

Students will examine elements of business, identify organizational structures and apply management skills while developing business plans, financial reports and strategic goals for new ventures or existing businesses. Learners will use marketing concepts to evaluate the marketing environment and develop a marketing plan with marketing channels, product approaches, promotion and pricing strategies. Throughout the course, students will apply concepts of ethics and professionalism while implications of business regulations will be identified.

Co-Requisites: None
Prerequisites: None

Global Economics and Food Markets

Students will examine economic principles related to agriculture, food, and natural resources along with the operation and use of commodity futures and option markets. Students will learn economic principles with emphasis on their application to the solution of agricultural industry problems. They will examine future exchanges and commodity futures contracts, hedging strategies, as well as put and call options. Throughout the course, students will become familiar with the causes and consequences of economic growth, globalization and development.

Co-Requisites: None
Prerequisites: None

Agricultural and Industrial Power

In this first course, students will learn the breadth of the Agricultural and Industrial Power Technology pathway. Students will learn the principles of power technology equipment systems which will include electronic and electrical systems, engines and fuels, hydraulic systems and

Grade: 9-12
Length: 2 Semesters
Credits: 1.25
powertrain components. Additionally, students will learn to safely operate and maintain machinery and equipment along with the principles of welding and metal fabrication.

**Co-Requisites:** None  
**Prerequisites:** None

### Livestock Selection, Nutrition and Management

Students will identify and apply principles and routine husbandry practices to production animal populations. Topics will include principles of nutrition, feed utilization, animal welfare, selection and management of facilities and herd populations. Students will apply knowledge of production animal care to enhance animal growth, selection of breeding stock, and management practices. Throughout the course, students will develop management plans reflecting practices for care and legal compliance.

**Co-Requisites:** None  
**Prerequisites:** None

### Agricultural and Environmental Systems Capstone

Students apply Agricultural and Environmental Systems program knowledge and skills in a more comprehensive and authentic way. Capstones are project/problem-based learning opportunities that occur both in and away from school. Under supervision of the school and through partnerships, students combine classroom learning with work experience to benefit themselves and others. These can take the form of mentorship employment, cooperative education, apprenticeships and internships.

**Co-Requisites:** None  
**Prerequisites:** Must have permission from the Agriculture and Environmental Systems teacher to take

### Manufacturing & Engineering Department

### Engineering Design

Students will learn the application of the engineering design process. Topics include work-processes, optimization methods, design optimization and risk management tools. Students will use 2D and 3D modeling software to help them design solutions to proposed problems, document their work and communicate solutions. Additionally, students will interpret industry prints and create working drawings from functional models. Emphasis is given to experimental problem solving in real systems.

**Co-Requisites:** None
Prerequisites: None

Manufacturing Operations

Students will learn the production processes applied across manufacturing operations. Students will be able to demonstrate a broad array of technical skills with an emphasis given to quality practices, measurement, maintenance and safety.

Grade: 10-12
Length: 2 Semesters
Credits: 1.00

Co-Requisites: None
Prerequisites: Engineering Design

Hydraulics and Pneumatics

Students will learn to diagnose, repair and rebuild hydraulic systems and their components. Students will learn the physical and mechanical principles of both hydraulic and hydrostatic operating units. Topics include testing system components and properly maintaining hydraulic and hydrostatic circuits. Students will demonstrate contamination control and system cleanliness in both hydraulic and hydrostatic operating systems. Throughout the course, site and personal safety procedures and business practices are reinforced.

Grade: 10-12
Length: 2 Semesters
Credits: 1.00

Co-Requisites: None
Prerequisites: Engineering Design

Computer Integrated Manufacturing

In this course, students will be introduced to all aspects of computer-integrated manufacturing. They will learn about robotics and automation, manufacturing processes, computer modeling, manufacturing equipment and flexible manufacturing systems.

Grade: 10-12
Length: 2 Semesters
Credits: 1.00

Co-Requisites: None
Prerequisites: Engineering Design

Robotics
Students will apply the knowledge and skills necessary to program and operate robots, using the teach pendant as the main interface point. Students will learn robotic operations and system configurations. Students will code, compile and debug programs using the robotic programming language.

Co-Requisites: None

Prerequisites: Engineering Design

Welding Technologies

Students will use fundamental welding principles involving shielded metal arc, oxyacetylene, gas tungsten and gas metal arc welding in the flat, horizontal and vertical positions. An emphasis is given to electrode selection, equipment setup, operating procedures, welding inspection and testing. Students will learn joint designs and layout and will be introduced to welding codes and standards. Additional topics include employability skills and an emphasis will be given to personal safety.

Co-Requisites: None

Prerequisites: Engineering Design

Computer Hardware

Students will learn to install, repair, and troubleshoot computer hardware systems. They will perform preventative maintenance practices and learn techniques for maintaining computer hardware security. Communication skills and professionalism in troubleshooting situations will be emphasized.

Co-Requisites: None

Prerequisites: Engineering Design
Principles and Elements of Design

Introduces the organization of the formal elements in both two-dimensions and three dimensions. The fundamental design principles of unity, diversity, balance, movement, and focal point will be emphasized through the application of the formal elements in a variety of projects. Focus will be on the generation and translation of an idea into tangible form using a variety of materials. Note: Students can opt to take the course for College Credit Plus (CCP) Credit through Washington State Community College as ARTS 1110 2-Dimensional Design.

Grade: 9-12
Length: 2 Semesters
Credits: 1.00

Co-Requisites: None
Prerequisites: None
Passing cut score on the AccuPlacer or a remediation-free ACT or SAT score needed for CCP Credit.

Foundations of Western Art I

Introduces the perceptual, conceptual, and critical skills utilized in descriptive based drawing. Gesture, shape, value, line, perspective, design, and expression are applied to descriptive drawings. Students will explore both broad and fine media, and develop a personal image with an emphasis on iconography. Note: Students can opt to take the course for College Credit Plus (CCP) Credit through Washington State Community College as ARTS 1210 Drawing I.

Grade: 10-12
Length: 2 Semesters
Credits: 1.00

Co-Requisites: None
Prerequisites: Principles & Elements of Design
Passing cut score on the AccuPlacer or a remediation-free ACT or SAT score needed for CCP Credit.

Foundations of Western Art II

Introduces the perceptual, conceptual, and critical skills utilized descriptive based painting. Gesture, shape, value, line, perspective, design, and expression are applied descriptive paintings. Students will study the painter’s language and modes of expression; color and paint manipulation, illusion and organization of form and space, and surface order. Projects will increase in complexity throughout the course. Note: Students can opt to take the course for College Credit Plus (CCP) Credit through Washington State Community College as ARTS 2410 Painting I.

Grade: 11-12
Length: 2 Semesters
Credits: 1.00

Co-Requisites: None
Prerequisites: Foundations of Western Art I
Passing cut score on the AccuPlacer or a remediation-free ACT or SAT score needed for CCP Credit.
### Postmodern Perspectives

Introduction to the art and techniques of photography within a contemporary context. The course focus is placed on the generation of images through the use of the creative controls of the camera. Texts with competing worldviews are used to discuss the relationship of artwork to their social and cultural context. Note: *Students can opt to take the course for College Credit Plus (CCP) Credit through Washington State Community College as ARTS 1800 Digital Photography.*

| Grade:  | 12 |
| Length: | 2 Semesters |
| Credits: | 1.00 |

**Co-Requisites:** None

**Prerequisites:** Foundations of Western Art II  
Passing cut score on the AccuPlacer or a remediation-free ACT or SAT score needed for CCP Credit.

### Choir

The Caldwell High School Choir is a performing ensemble that sings for school assemblies, community events, concerts, and contests. Although some written work is required, the primary function of the class is to learn and perform music. The goals of the Choir include successful results at District and State choral events. Students considering Choir are required to pass a short audition, ensuring that they are matching pitch within an acceptable range so that they can sing one of the vocal harmony parts (soprano, alto, tenor, bass). Students and their parents need to understand that though there is seldom homework required, the outside of school time for Choir includes hours in the evenings and on weekends. These performance times are required for the course and are part of the student’s grade.

| Grade:  | All |
| Length: | 2 Semesters |
| Credits: | 1.00 |

**Co-Requisites:** Performances outside of school hours

**Prerequisites:** Audition

### Marching Band/Concert Band

The Caldwell High School Band is a performing ensemble that performs for school assemblies, community events, Varsity football games, Varsity basketball games, concerts, and parades. Although some written work is required, the primary function of the class is to learn and perform music. Students considering Band are required to pass a short audition, ensuring that they are skilled in a particular band instrument. Students and their parents need to understand that though there is seldom homework required, the outside of school time for Band includes hours in the evenings and on weekends. These performance times are required for the course and are part of the student’s grade.

| Grade:  | All |
| Length: | 2 Semesters |
| Credits: | 1.00 |
Students may enroll in one or both sections of Marching Band and Concert Band. Length and credit would change.

Co-Requisites: Performances outside of school hours

Prerequisites: Audition

Health & Physical Education Department

Physical Education

Students will work to improve their cardio-respiratory endurance, muscular strength and endurance, flexibility, and endurance.

Grade: All
Length: 1 Semesters
Credits: .25

Co-Requisites: None
Prerequisites: None

Weight Lifting I

Potential New Course. Course Description in progress.

Grade: All
Length: 1 Semesters
Credits: .25

Co-Requisites: None
Prerequisites: None

Weight Lifting II

Potential New Course. Course Description in progress.

Grade: All
Length: 1 Semesters
Credits: .25

Co-Requisites: None
### Yoga/Wellness

Potential New Course. Course Description in progress.  

<table>
<thead>
<tr>
<th>Grade:</th>
<th>All</th>
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<tbody>
<tr>
<td>Length:</td>
<td>1 Semesters</td>
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<tr>
<td>Credits:</td>
<td>.25</td>
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**Co-Requisites:** None  
**Prerequisites:** None

### Health

This course is required for graduation. Students will learn the skill needed to enhance their physical, mental, and social health.  

<table>
<thead>
<tr>
<th>Grade:</th>
<th>9-10</th>
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<tbody>
<tr>
<td>Length:</td>
<td>1 Semesters</td>
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<tr>
<td>Credits:</td>
<td>.50</td>
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</tbody>
</table>

**Co-Requisites:** None  
**Prerequisites:** None