

Cascade  
High School | **»»** 2023-2024

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# CURRICULUM GUIDE

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Pursuant to Title IX and other applicable state and federal laws, it is the policy of the Western Dubuque County Community School District not to discriminate on the basis of race, color, national origin, sex, disability, religion, creed, age (for employment), marital status (for programs), sexual orientation, gender identity and socioeconomic status (for programs) in its educational programs and activities and its employment practices, including applicants for employment.

The District has grievance procedures for processing and resolving discrimination complaints, including formal and informal Title IX sex discrimination and sexual harassment complaints, and will respond to complaints accordingly. Discrimination employment grievances that do not fall under Title IX should be directed to Rick Colpitts, Equity Coordinator, 310 4th Street SW, Farley, Iowa 52046, 563-744-3885 x 6004, rick.colpitts@wdbqschools.org. Grievances related to this policy for employment matters that fall under Title IX and grievances for any program/student matters should be directed to Vicky Coyle, Title IX and Equity Coordinator,

# Western Dubuque Community School District

High school students are in the middle of one of the most exciting times of their lives. We encourage you to get involved! Our school offers countless extracurricular activities to enhance students' personal, social, and academic growth. Take advantage of the opportunity to get to know your teachers and fellow classmates. The more relationships you can establish at this age, the greater your capacity will be to work with a variety of people as you get older.

The time is now for you to begin thinking about where you see yourself working someday. Choosing a Career Pathway or two and exploring them in depth will give you a strong foundation on which to build. We offer a wide range of courses designed to meet the needs of our students. Our staff is committed to providing you with quality of programming and the flexibility and support you need to be successful.

Learn to advocate for yourself. Ask for what you need and communicate with your principals, counselor, and teachers. We are all here to help you! Please do not hesitate to contact one of us. We want your time here to be meaningful and worthwhile.

On behalf of all of us at Western Dubuque Community School District  
good luck to you as you register for another year of courses!

Success for All

Better Every Day

*Mr. Ryan Fritz*  
**CHS Principal**

*Mr. Adam Kedley*  
**CHS Assistant Principal/AD**

# COUNSELING OFFICE

This curriculum guide has been designed to help students and parents navigate the class registration process. We hope that the information provided in this curriculum guide will help students make the best decision for their courses of study at Cascade High School. Students and parents are encouraged to review each student's career interest and four-year high school plan in Xello to help choose courses that best support their future plans. The counseling office is here to assist the registration process along with ensuring students are meeting the academic requirements set by the Western Dubuque Community School District and the State of Iowa. Please do not hesitate to reach out to the counseling office with any questions you may have. We look forward to assisting all students at Cascade Jr./Sr. High School on their post-secondary journey; whether that be the workforce, military, community college or technical school, apprenticeship and/or 4 year college.

Best Wishes,

*Kyle Webber*

School Counselor

[kyle.webber@wdbqschools.org](mailto:kyle.webber@wdbqschools.org)

563.852.3201 ext. 1005



REQUIREMENTS + OFFERINGS



# GRADUATION REQUIREMENTS

All students are eligible to receive a diploma from Western Dubuque Community School District if they complete the 58 required credits shown to the right by their graduating year. →

Each credit is equivalent to one trimester of 60 days for five day/week courses.

Before graduation, all students must demonstrate competency in CPR as required by the State of Iowa.

It is required that all students be enrolled in a minimum of 5 classes each trimester of attendance. However, seniors may take a minimum of 4 classes with parental permission, providing they meet certain guidelines, which may relate to GPA, Iowa Assessment and ACT scores, attendance, and discipline. The principal at his/her discretion may modify this requirement because of scheduling difficulties or other extenuating circumstances.

Students should choose elective courses that support their Career Pathway, or area they wish to pursue at the post-secondary level.

Discipline	Required Courses	Credits
English	English 1a-1b	2
	English 2a-2b	2
	English 3a-3b	2
	English 4a-4b	2
Math	Algebra Ia- Ib	2
	Geometry a-b	2
	Algebra IIa-IIb	2
Science	Physical Science Chemistry	1
	Physical Science Physics	1
	Biology	2
	Earth and Space Science	1
	Environmental Science	1
Social Studies	World Geography	2
	World History	1
	U.S. History	2
	Government	1
	Behavioral Science	1
Wellness	Physical Education	4
	Health	1
Applied Learning	Financial Literacy	1
Electives	Electives	25
<b>Total</b>		<b>58</b>

## COURSE SELECTION INFORMATION

### HOW TO USE THE COURSE GUIDE

This course guide is best use in conjunction with your graduation progress screen in Infinite Campus. Refer to the courses offered for your grade. Each course offered at CHS and WDHS has a course description. The course description is a general overview; content delivery may vary depending on the subject and teacher. Parents and other members of the school district community may view the instructional materials used by the students. The course are numerically arranged by the graduation requirement they fulfill. At the end of the course guide there is a complete list of courses offered in the index. Students are encouraged to use Xello to help identify careers or career clusters that they are interested in pursuing. For the career or career cluster of interest, students can create a career plan. This career plan can help assist them in the selection of courses by which they can choose each school year. Students and their counselor should re-visit this career plan at registration time each year and make changes when necessary. Parents/guardians are encouraged to

discuss registration with their student. If you have questions, please reach out to the school counselor at 563-852-321 ext. 1005. The course codes are listed below each course name. If a course is a two-trimester course, you must select both course codes to enroll in both trimesters. If the course is one trimester, selecting one course code will enroll you in the complete course. Reach out to the counselor if you have any questions regarding course codes. Each course description includes information about the length of the course. There are courses offered over one trimester, two trimesters and over three trimesters. A two-trimester course is considered a year long course. It is offered 5 days a week and awards two credits. A three-trimester course will usually be an early bird course which is offered before school and meets two to three times a week for the full school year. Early bird courses award 1 credit upon completion. Some slower paced courses are offered as a three-trimester course. Placement in these courses are considered based on testing data and teacher recommendation. These three-trimester

courses meet 5 days a week for the full school year and award 3 credits.

NCAA approval is indicated below the course length information. NCAA approval for courses should be taken into consideration by students anticipating participation in intercollegiate athletics at an NCAA Division I or Division II institution in the future.

Each course description explains which students are eligible to request the course. The description also indicates if there are any prerequisites that need to be met before a student can enroll in the course. Course enrollment may be subject to change depending on the student situation.



## REGISTRATION

The registration process is an important part of the educational process. Once students have registered for classes for the upcoming year, many decisions are made. We hire teachers, develop curriculum, and purchase instructional resources. To make the best use of these resources once they are secured, we have developed these Rules and Regulations.

1. Students should not request to add or drop a course unless they have had a change in their career plan or personal interests, or a crisis management plan is in order. Students will have two days at the beginning of each term to make this determination. Request to add or drop a Term 2 course should be made before the end of Term 1. Students may not drop a two-term required course at term unless they are getting a C- or below.
2. Students sign up for courses. School personnel schedule students into these courses in such a way as to maintain as balanced of sections as possible. Students will not be granted a schedule change in order to be with friends, to change teachers, or to change periods of the day.
3. Students register for 6 courses per term. Seniors may register for 4 courses and 2 open campuses per term.

## SENIOR OPEN CAMPUS AGREEMENT

Open campus is a privilege. We would expect students assigned to Open Campus to maintain their grades, have proper attendance and adhere to our discipline policy. Those students whose academic effort, attendance pattern or conduct fails to meet these standards put their Open Campus status at risk. Open Campus can be revoked. You may wish to consider taking an additional academic course rather than signing up for a study hall/open campus.

## CONCURRENT ENROLLMENT

The concurrent enrollment program promotes rigorous academic or career and technical pursuits by providing opportunities for high school students to enroll part-time in eligible nonsectarian courses at or through community colleges. Per Senior Year Plus, concurrent enrollment courses are offered through contractual agreements between community colleges and school districts within their service area.

This option allows students to earn college credit through courses taught at Cascade High School or Western Dubuque High School by WDCSD staff members meeting the qualifications set by the post-secondary institution. Students in these courses can earn dual credit (both high school and college credit) upon successful completion of the course. All current courses that are contracted in the curriculum guide will be identified as such with the title of "Concurrent Enrollment"

## ADVANCED PLACEMENT (AP)

Advanced Placement (AP) courses are rigorous college prep courses offered by high schools. The courses, curriculum requirements, and optional tests are provided by The College Board. Based on the examination score and the postsecondary institution's policies, students may be eligible for college credit.

## ARTICULATED COURSES

Articulated courses from Western Dubuque Community Schools that have aligned their curriculum with courses from a post-secondary

## EARNING COLLEGE CREDIT

Students at Cascade High School have the opportunity to earn college credit during their high school years through several options.

Senior Year Plus- Western Dubuque Community School District offers two types of post-secondary enrollment courses: PACC/Alternative Concurrent and Concurrent. Students may enroll in these courses at other sites, such as Northeast Iowa Community College (NICC) or Kirkwood. To enroll in such a class, students may need to adjust their schedule to accommodate the college's schedule. This option is open to eleventh and twelfth grade students or to ninth or tenth grade students identified as talented and gifted. Students may not enroll in courses that are comparable to high school offerings. Students are limited to part-time enrollment, and they may be required to earn a certain score on the Accuplacer or ALEKS test or be required to complete a high school prerequisite prior to enrolling in the college course

The Western Dubuque Community School District reimburses the post-secondary institution up to \$250 for every student enrolled in each post-secondary enrollment options course. This amount is used to pay for tuition, textbooks, and other course fees. Western Dubuque Community School District can, in turn, receive supplemental weight for each student enrolled. Students must notify their counselor of their intent to enroll in a post-secondary enrollment course prior to the start of the term in which the course will be taken. They may enroll in up to 23 credits per year at any approved post-secondary school through the PSEO Act. Students can earn dual credit (both high school and college credit) for these courses if approved. Students may not drop or fail these courses without reimbursing the school district all of the costs of the particular course.

institution such as NICC or Kirkwood. Although no college credit is given, if the course has been articulated they would then be able to attend the cooperating post-secondary school after high school is completed and waive that course and continue with the desired program upon successful completion of at least one term. Each post-secondary institution handles articulated courses a little differently, so you should contact the institution of your choice with more questions. This provides a financial savings for the student when they attend the cooperating institution after high school. WDCSD is continuously working to articulate with other institutions such as NICC and Kirkwood. All current courses that are articulated in the curriculum guide will be identified as such with the title of "articulated" following the course title.

## COLLEGE CREDIT COURSES

Students who have met the requirements of both the school district and post-secondary institution can take college credit courses. For college, students must meet any placement test score requirements and any prerequisite course requirements. At the school district level, students must be proficient in the areas of Reading Comprehension, Mathematics Concepts and Problem Solving and Analysis of Science Materials. Iowa Assessment, MAP and ACT scores will be used to determine proficiency. If a student is NOT proficient in one or more areas, alternative assessment may be used.

Students should consider taking a college credit course if they are planning to attend a 4 year or 2 year post-secondary institution. One major benefit is earning college credit that may fulfill a college requirement. Please note that some college credit that is earned in high

school may not transfer to the post-secondary school a student is pursuing. It is the student's responsibility to contact colleges/universities to see if the credits transfer and whether they transfer as an elective or a required course in college.

#### PERMANENT COLLEGE TRANSCRIPT

If a student were to withdraw, drop or fail a college credit course it will be reflected on their permanent college transcript. A student's final grade will also be recorded on both their permanent high school and college transcript. These grades will follow students to college after high school and cannot be changed.

# COURSE OFFERINGS

## NINTH GRADE (CLASS OF 2026)

Ninth graders must select at least five courses each trimester. Study halls will be scheduled for any open periods. Please review all course descriptions and prerequisites to ensure all graduation requirements are being met.

<b>ENGLISH</b>
<i>Must choose the following two term courses:</i> English I
<b>MATHEMATICS</b>
<i>Must choose one of the following two term or three term courses:</i> Algebra Concepts (3 term) Algebra I (2 term) Geometry (2 term)
<b>PHYSICAL SCIENCE</b>
<i>Must choose the following one term courses:</i> PS Chemistry
<i>Must choose the following one term courses:</i> PS Physics
<b>WORLD HISTORY</b>
<i>Must choose the following one term courses:</i> World History
<i>Must choose the following two term courses:</i> World Geography
<b>PHYSICAL EDUCATION/HEALTH</b>
<i>Must choose one of the following one term courses or choose an Early Bird option that runs all three terms:</i> Physical Education Strength and Conditioning Personal Wellness Strength and Conditioning (Early Bird- 3 term)
<i>Must choose the following one term courses if credit not earned in 8<sup>th</sup> grade:</i> Health I
<b>ELECTIVE COURSE OFFERINGS</b>
Intro to Agriculture, Food and Natrual Resources Intro to Ag Leadership Horticulture Greenhouse Management Art Exploration Sculpture Painting Drawing Digital Photo/Graphic Design I Ceramics

## ELECTIVE COURSE OFFERINGS Continued...

Introductio to Buisness Buisness Law (Every Other Year) Entrepreneurship Entrepreneurship Buisness Management Technology Solutions Individualized Reading Literature and Film (Every Other Year) Creative Writing Contemporary Literature (Every Other Year) Debate Pursuit of Excellence through Literature Family Consumer Science I Culinary Essentials Bakery (after Culinary Essentials) Apparel Merchandise Design & Production Parenting Textiles World Food Introduction to Industrial Technology Carpentry I Carpentry II Construction I Graphic Communications Welding Band Jazz Band (Early Bird- 3 terms) Choir Vocal Affinity (Early Bird- 3 terms) Guitar & Piano Methods Advanced Guitar & Piano Methods Astronomy Wildlife Management PS Earth & Space History through Media Modern US History (Every Other Year) American Pop Culture Psychology Sociology Economics Spanish I (2 terms) ACT Prep Excel Resource Transitional/Vocational Ed I ELL TAG Seminar Leadership Study Hall
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**TENTH GRADE (CLASS OF 2025)**

Tenth graders must select at least five courses each trimester. Study halls will be scheduled for any open periods. Please review all course descriptions and prerequisites to ensure all graduation requirements are being met.

<b>ENGLISH</b>
<i>Must choose the following two term courses:</i> English II
<b>MATHEMATICS</b>
<i>Must choose one of the following two term courses:</i> Geomerty Concepts Geometry Algebra II Advanced Algebra II /Trig
<b>LIFE SCIENCE</b>
<i>Must choose the following two term courses:</i> <i>Biology</i>
<b>PHYSICAL EDUCATION/HEALTH</b>
<i>Must choose one of the following one term courses or choose an Early Bird option that runs all three terms:</i> Physical Education Strength and Conditioning Personal Wellness Strength and Conditioning (Early Bird- 3 term)
<b>ELECTIVE COURSE OFFERINGS</b>
Agriculture Education I Agriculture Education II Horticulture Greenhouse Management Art Exploration Sculpture Painting Advanced Painting Drawing Digital Photo/Graphic Design I Digital Photo/Graphic Design II Ceramics Introductio to Buisness Buisness Law Entrepreneurship Entrepreneurship Buisness Management Technology Solutions Individualized Reading Literature and Film
<b>ELECTIVE COURSE OFFERINGS Continued...</b>
Creative Writing Contemporary Literature Debate Public Speaking

Pursuit of Excellence through Literature Family Consumer Science I Culinary Essentials Bakery Advanced Pastry Apparel Merchandise Design & Production Parenting Textiles World Food Introduction to Industrial Technology Carpentry I Carpentry II Construction I Graphic Communications Welding Band Jazz Band (Early Bird- 3 terms) Choir Vocal Affinity (Early Bird- 3 terms) Guitar & Piano Methods Advanced Guitar & Piano Methods Astronomy Wildlife Management PS Earth & Space History through Media Modern US History American Pop Culture Psychology Sociology Economics Spanish I (2 terms) Spanish II ( 2 terms) ACT Prep Excel Resource Transitional/Vocational Ed I ELL TAG Seminar Cougar Core Leadership Study Hall
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**ELEVENTH GRADE (CLASS OF 2024)**

Eleventh graders must select at least five courses each trimester. Study halls will be scheduled for any open periods. Please review all course descriptions and prerequisites to ensure all graduation requirements are being met.

<b>ENGLISH</b>
<i>Must choose the following one term courses:</i> English III
<i>Must choose one of the following one term courses:</i> Self & Society Classic Novels
<b>MATHEMATICS</b>
<i>Must choose one of the following two term courses:</i> Algebra II Advanced Algebra II/Trig PreCalculus Statistics
<b>PHYSICAL SCIENCE</b>
<i>Must choose the following one term courses:</i> PS Environmental
<i>Must choose the following one term courses:</i> PS Earth and Space
<b>US HISTORY</b>
<i>Must choose one of the following two term or three term courses:</i> US History (2 terms) AP US History (3 terms)
<b>PHYSICAL EDUCATION/HEALTH</b>
<i>Must choose one of the following one term courses or choose an Early Bird option that runs all three terms:</i> Physical Education Strength and Conditioning Personal Wellness Strength and Conditioning (Early Bird- 3 term)
<b>PERSONAL FINANCE</b>
<i>May choose the following one term course. If not taken during eleventh grade will be taken during twelfth grade.</i> <i>Personal Finance</i>
<b>ELECTIVE COURSE OFFERINGS</b>
Agriculture Education I Agriculture Education II Agriculture Education III/Survey of Animal Industry Horticulture Greenhouse Management Art Exploration Sculpture Painting Advanced Painting

**ELECTIVE COURSE OFFERINGS Continued...**

Drawing  
 Independant Studio  
 Digital Photo/Graphic Design I  
 Digital Photo/Graphic Design II  
 Ceramics  
 Introductio to Buisness  
 Buisness Law  
 Entrepreneurship  
 Entrepreneurship Buisness Management  
 Business Management and Communications  
 Technology Solutions  
 Accounting  
 Individualized Reading  
 Creative Writing  
 Literature and Film  
 Contemporary Literature  
 Debate  
 Public Speaking  
 Pursuit of Excellence through Literature  
 Family Consumer Science I  
 Culinary Essentials  
 Bakery  
 Advanced Pastry  
 Apparel Merchandise Design & Production  
 Parenting  
 Textiles  
 World Food  
 Introduction to Industrial Technology  
 Carpentry I  
 Carpentry II  
 Carpentry III  
 Construction I  
 Graphic Communications  
 Welding  
 Band  
 Jazz Band (Early Bird- 3 terms)  
 Choir  
 Vocal Affinity (Early Bird- 3 terms)  
 Guitar & Piano Methods  
 Advanced Guitar & Piano Methods  
 Astronomy  
 Wildlife Management  
 Chemistry 2  
 Physics 2  
 Human Anatomy/Physiology  
 Forensic Science I  
 Forensic Science II  
 American Pop Culture  
 History through Media  
 Modern US History  
 Psychology

Sociology
Economics
Spanish I (2 terms)
Spanish II ( 2 terms)
Spanish III (2 terms)
ACT Prep
Excel
Resource
Transitional/Vocational Ed I
Transitional/Vocational Ed II
ELL
TAG Seminar
Cougar Core
Leadership
Study Hall
NICC Consortium (6 high school credits)
Kirkwood Academies (9+ high school credits)

**TWELFTH GRADE (CLASS OF 2023)**

Twelfth graders must select at least four courses each trimester. Study halls will be scheduled for any open periods. Seniors in good academic standing may be eligible for open periods in place of study halls. Please review all course descriptions and prerequisites to ensure all graduation requirements are being met.

<b>ENGLISH</b>
<i>Must choose one the following two term courses:</i> English IV Composition I & Introduction to Literature
<b>US History</b>
<i>Must choose the following one term course:</i> American Government
<b>PHYSICAL EDUCATION/HEALTH</b>
<i>Must choose one of the following one term courses or choose an Early Bird option that runs all three terms:</i> Physical Education Strength and Conditioning Personal Wellness Strength and Conditioning (Early Bird- 3 term)
<b>PERSONAL FINANCE</b>
<i>Must choose the following one term course if not taken during eleventh grade school year.</i> Personal Finance
<b>ELECTIVE COURSE OFFERINGS</b>
Agriculture Education I

Agriculture Education II
Agriculture Education III/Survey of Animal Industry
Agriculture Education/Farm Business Management
Principles of Agronomy
Horticulture Greenhouse Management
Art Exploration
Sculpture
Painting
Advanced Painting
Drawing
Independent Studio
Digital Photo/Graphic Design I
Digital Photo/Graphic Design II
Ceramics
Introductio to Buisness
Buisness Law
Entrepreneurship
Entrepreneurship Buisness Management
Business Management and Communications
Technology Solutions
Accounting
Composition II
Individualized Reading
Creative Writing
Literature and Film
Contemporary Literature
Public Speaking
Debate
Pursuit of Excellence through Literature
Family Consumer Science I
Culinary Essentials
Bakery
Advanced Pastry
Apparel Merchandise Design & Production
Parenting
Textiles
World Food
Introduction to Industrial Technology
Carpentry I
Carpentry II
Capentry III
Construction I
Graphic Communications
Welding
Precalculus
Statistics
Calculus
Band
Jazz Band (Early Bird- 3 terms)
Choir
Vocal Affinity (Early Bird- 3 terms)
Guitar & Piano Methods

Advanced Guitar & Piano Methods

Future Educators

Employability Skills

Internship

Astronomy

Human Anatomy/Physiology

Wildlife Management

Forensic Science I

Forensic Science II

American Pop Culture

History through Media

Modern US History

AP US History

Psychology

Sociology

Economics

Spanish I (2 terms)

Spanish II ( 2 terms)

Spanish III (2 terms)

Spanish IV (2 terms)

ACT Prep

Excel

Resource

Transitional/Vocational Ed I

Transitional/Vocational Ed II

ELL

TAG Seminar

Cougar Core

Leadership

Study Hall

Open Campus

NICC Consortium ( 6 high school credits)

Kirkwood Academies (9+ high school credits)

## **College Credit Courses Offered at Cascade High School**

Composition I  
Introduction to Literature  
Composition II  
Pre-Calculus  
Calculus (CHS or WDHS)  
Statistics  
Technology Solutions  
Employability Skills  
Public Speaking  
Farm Business Management  
Survey of Animal Industry

## **NICC Consortia (college credit):**

Automotive Mechanics Consortium  
Diesel Consortium  
Health Occupations Consortium

## **Kirkwood Academies (college credit):**

Advanced Manufacturing with Robotics and  
Welding.  
Arts & Science Liberal Art Transfer  
Architectural, Construction & Engineering (ACE)  
Automotive Technology and Automotive  
Collision Repair and Restoration  
Emergency Medical Technician and Fire Science  
(EMT)  
Digital Arts, Social Media and Marketing  
Technology Careers  
Patient Care  
Dental  
Technology Careers

# Your Courses Count:

## Preparing for Academic Success at Iowa's Regents Universities

	<b><u>Minimum</u> Requirements for Admission</b>			<b><u>Optimum</u></b>
	Iowa State University	The University of Iowa	University of Northern Iowa	<b>Recommendations for Success</b>
<b>FOREIGN LANGUAGE</b>	Two years of a single foreign language for admission to the Colleges of Engineering and Liberal Arts and Sciences.	Two years of a single foreign language are required for admission. For many degrees, the fourth year of proficiency is required for graduation.  Nursing—4 years in a single language or two years in two different languages.	Foreign language courses are not required for admission. However, two years of foreign language in high school with a C- or above in the last course will meet the university graduation requirement.	Four years of a single foreign language. By taking foreign language during all four years of high school, you'll go beyond the basic skills and begin to use the language and reinforce your fluency.
<b>ENGLISH</b>	Four years of English/language arts emphasizing writing, speaking, reading, as well as an understanding and appreciation of literature.	Four years with an emphasis on the analysis and interpretation of literature, composition, and speech.	Four years, including one year of composition; also may include one year of speech, communication, or journalism.	Four years of English courses with an emphasis on the communication skills of writing, reading, and listening and the analysis and interpretation of literature. In addition, courses such as journalism and media literacy will be valuable.  Extracurricular activities such as debate, speech contest, newspaper, and yearbook will further develop essential competencies.
<b>MATH</b>	Three years, including one year each of algebra, geometry, and advanced algebra.	Three years, including two years of algebra and one year of geometry for admission to the College of Liberal Arts and Science.  *Four years, including two years of algebra, one year each of geometry and higher math (trigonometry, analysis, or calculus) for admission to the College of Engineering.	Three years, including equivalent of algebra, geometry, and advanced algebra.	Four years, one in each year of high school. While advanced courses like calculus and statistics are good, it's more important that you gain a complete understanding of advanced algebra and trigonometry.
<b>NATURAL SCIENCE</b>	Three years, including one year each from any two of the following: biology, chemistry, and physics.	Three years, including courses in physical science, biology, chemistry, and environmental science and physics for admission to the college of Liberal Arts and Sciences.  Three years, including at least one year each in chemistry and physics, for admission to the College of Engineering. Nursing—3 years, including one year each of biology, chemistry and physics.	Three years, including courses in general science, biology, chemistry, earth science, or physics. Laboratory experience is highly recommended.	Four years, one in each year of high school. To be really well prepared, take at least one year each of biology, chemistry, and physics.  These can be taken in any order and may be taught productively in either a separate or integrated fashion, depending on your school's offerings.
<b>SOCIAL STUDIES</b>	Two years for admission to the Colleges of Agriculture and Life Science, Business, Design, Engineering, Human Sciences.  Three years for admission to the College of Liberal Arts and Sciences.	Three years, with U.S. history and world history recommended for admission to the college of Liberal Arts and Sciences.  Two years, with U.S. history and world history recommended for admission to the College of Engineering.	Three years, including courses in anthropology, economics, geography, government, history, psychology, or sociology.	Three years is essential, but four is better. Take at least one year of U.S. History and one year of world history.  Additional courses in anthropology, economics, political science, psychology, and sociology provide an important understanding of political, social, and economic institutions.
<b>OTHER COURSES</b>	Specific elective courses are not required for admission to Iowa State University.	Specific elective courses are not required for admission to the University of Iowa.	Two years of additional courses from the required subject areas, foreign languages, or fine arts.	Explore! Courses in fine arts, performing arts, computers, or technology will help round out your high school experience. Your future field of concentration or career may lie in one of those areas. Follow your interests, your talents, and the strengths of your school. Remember to choose courses with high academic standards.

# AGRICULTURAL EDUCATION

Classes in Agricultural Education offered at Cascade High School are a four-year Sequence of instruction in Agriculture. Students enrolled in agriculture courses are expected to conduct a Supervised Agricultural Experience, consisting of productive projects such as livestock or crops and/or a work experience in an agricultural occupation field with proper ability to maintain records.

Membership in the National FFA Organization and taking part in local Cascade FFA Chapter Activities is highly recommended to students to get the most out of their agricultural studies and to develop 21<sup>st</sup> Century Employment Skills. Students wanting to participate in FFA are encouraged to take Introduction to Agriculture Leadership their Freshman year.

## INTRODUCTION TO AGRICULTURE LEADERSHIP

Duration: One Term	Introduction to Agriculture Leadership is the introductory course for students who wish to be in FFA. This course will introduce hands-on activities, projects, and problems related to agriculture, as well as the many career pathways in the agricultural industry. Students will learn about the opportunities available through the FFA, develop a quality Supervised Agricultural Experience project, and participate in the Swine Project. Students will be an active part in the process of getting pigs from the farm to our plates. Students will travel to the pig farm once a week to tend to the animals. Students will sell raffle tickets for processed meat to raise money for their FFA jackets.
Credits: 1	
Open to: 9-10-11-12	
Prerequisite: None	

## INTRODUCTION TO AGRICULTURE, FOOD, AND NATURAL RESOURCES (AFNR)

Duration: One Term	Introduction to Agriculture, Food, and Natural Resources (AFNR) introduces students to the range of agricultural opportunities and the pathways of study they may pursue. Woven throughout the course are activities to develop and improve employability skills of students through practical applications. Students explore career and post-secondary opportunities in each area of the course. While surveying the opportunities available in agriculture and natural resources, students learn to solve problems, conduct research, analyze data, work in teams, and take responsibility for their work, actions, and learning. Students investigate, experiment, and learn about documenting a project, solving problems, and communicating their solutions to their peers and members of the professional community. Units covered in this course include Agriculture, FFA, and SAE, Communication Methods, Science Processes, Natural Resources, Plants and Animals.
Credits: 1	
Open to: 9-10-11-12	
Prerequisite: None	

## FOOD PRODUCTION AND PROCESSING

Duration: One Term	Food Products and Processing will take students through the Farm to Table process of different foods, including production, processing, and proper preparation/cooking. Areas of study will include Food Safety, Dairy Products, Fruits and Vegetables, Meats, Poultry and Eggs, and more.
Credits: 1	
Open to: 10-11-12	
Prerequisite: None	

## AGRICULTURAL MECHANICS

Duration: One Term	Ag Mechanics is a foundation-level course designed to prepare students for the wide array of career opportunities in agricultural mechanics. Throughout the course, students apply technical skill while becoming competent in the process used to operate, repair, engineer, and design agricultural tools and equipment.
Credits: 1	
Open to: 10-11-12	
Prerequisite: None	

## SURVEY OF THE ANIMAL INDUSTRY “Concurrent Enrollment Course”

Duration: One Term	Explore breeds, life cycles, management practices, marketing, and care of farm animals. Species included are food animal production of beef and dairy cattle, sheep, goats, swine, and poultry, as well as companion animals of horses, dogs, cats and others. Students typically take this course their junior year.
Credits: 1	
Open to: 11-12	
Prerequisite: None	

## VETERINARIAN SCIENCE

Duration: One Term	Take your knowledge of animal science to the next level by taking Veterinarian Science; this course will include units such as biosecurity, anatomy and physiology, vet medicines, parasitology, physical exams, and hospital procedures. This is will be a great hand-on experience course for students who are interested in the veterinarian industry or wish to advance their general animal science knowledge. Students typically take this course their junior year.
Credits: 1	
Open to: 11-12	
Prerequisite: None	

## PRINCIPLES OF AGRONOMY

Duration: One Term	This class introduces principles of plant-soil-climate relationships in crop production. Students in this course will also be primarily in charge of the FFA test plot located north of the school. Students will learn how to work with local area businesses and learn from industry experts about crop production and what is required to produce crops from pre-planting to post-harvest. Students typically take this course their senior year.
Credits: 1	
Open to: 10-11-12	
Prerequisite: None	

## FARM BUSINESS MANAGEMENT “Concurrent Enrollment Course”

Duration: One Term	This course is designed to emphasize agricultural business management. Students will manage simulated businesses. Learning opportunities will include credit and money management marketing, planning and decision making. Management principles, record keeping, and occupational/career planning will be stressed. Students typically take this course their senior year.
Credits: 1	
Open to: 11-12	
Prerequisite: None	

## HORTICULTURE/GREENHOUSE MANAGMENT

Duration: One Term	Bring on the greenhouse heat! This hands-on course will expose students to the art and science of growing plants, shrubs, trees, flowers, fruits, and vegetables. In doing so, they cover a wide variety of topics, including greenhouse and nursery operations, soils and media mixtures, fruit and vegetable production, turf/golf course management, interior and exterior plant scaping, irrigation systems, and floral design.
Credits: 1	
Open to: 9-10-11-12	
Prerequisite: None	



# ART

## ART EXPLORATION

Duration: One Term	Art Exploration is the entry-level art course using a wide range of art media. Students should have a high interest in art and can enjoy working with art materials for an extended period. Art Exploration deals with basic drawing, art techniques in picture composition, and Art History.
Credits: 1	
Open to: 9-10-11-12	
Prerequisite: None	

## DRAWING

Duration: One Term	This course is designed for the art student who has a high interest in drawing. A wide variety of drawing and design experiences will be explored, including drawing media such as graphite, charcoal, ink, colored pencil, and pastels.
Credits: 1	
Open to: 9-10-11-12	
Prerequisite: <b>Art Exploration or 2 term JH Art</b>	

## PAINTING

Duration: One Term	This course is designed for the student who has an interest in painting. The student will explore traditional and modern painting techniques and ideas, individual expression, and style. Techniques in various painting media will be presented.
Credits: 1	
Open to: 9-10-11-12	
Prerequisite: <b>Art Exploration or 2 term JH Art</b>	

## CERAMICS

Duration: One Term	This course is designed for the student who has an interest in learning about and working with clay and glaze. This class introduces building techniques for the creation of three-dimensional forms. Additive building methods, as well as embossing and engraving surface techniques will be explored. Students will also work at a variety of firing ranges and techniques during the glazing process.
Credits: 1	
Open to: 9-10-11-12	
Prerequisite: <b>Art Exploration or 2 term JH Art</b>	

## SCULPTURE

Duration: One Term	This course is designed for the student who has an interest in learning about sculpture materials such as paper, cardboard, mache, wood, wire, and some small metals. This class introduces sculptural building techniques for the creation of three-dimensional forms. Additive and subtractive methods, construction, assemblage, and carving will be covered and used in various ways.
Credits: 1	
Open to: 9-10-11-12	
Prerequisite: <b>Art Exploration</b>	

## DIGITAL PHOTOGRAPHY/GRAPHIC DESIGN

Duration: One Term	Students will build on their understanding of photo manipulation digital drawing with Adobe Photoshop and Illustrator then choose a path from the following options: photography, video, or graphic design. Student will learn to use Photoshop and submit work digitally.
Credits: 1	
Open to: 9-10-11-12	
Prerequisite: <b>Art Exploration or 2 term JH Art</b>	

## ADVANCED DIGITAL PHOTOGRAPHY/GRAPHIC

Duration: One Term	Students will build on their understanding of photo manipulation digital drawing with Adobe Photoshop and Illustrator then choose a path from the following options: photography, video, or graphic design. Students will submit work digitally.
Credits: 1	
Open to: 10-11-12	
Prerequisite: <b>Digital Photography /Graphic Design</b>	

## ADVANCED ART

Duration: One Term	Advanced Art is for the serious art student who wishes to build upon their experiences from previous art courses. The advanced art student will focus on two art disciplines from the areas of digital, drawing, painting, or 3D design. This course allows flexibility in projects but includes specific due dates and scheduled critiques.
Credits: 1	
Open to: 11-12	
Prerequisite: <b>Art Exploration or JH Art &amp; Two other Art Courses</b>	

## ADVANCED PAINTING

Duration: One Term	Students interested in painting can elect to continue their learning in this course. Works in acrylic, oil and watercolor will be assigned, coupled with independent student projects.
Credits: 1	
Open to: 10-11-12	
Prerequisite: <b>Painting</b>	

## INDEPENDENT STUDIO

Duration: One Term	Independent Studio is available for the serious art student to develop and explore thesis. This course is for the self-motivated art student. The student will work closely with the instructor in continuing their independent work on art projects.
Credits: 1	
Open to: 11-12	
Prerequisite: <b>Art Exploration or JH Art &amp; Two other Art Courses</b>	

## **BUSINESS/COMPUTERS**

## INTRODUCTION TO BUSINESS

Duration: One Term	Introduction to Business is designed for the student to be introduced to the ownership and workings of a business both from the perspective of an owner and the consumer. This class will help to make you a well-prepared employee and a better, informed citizen. Topics studied include basic economics, business organization, international business, business ethics, social responsibilities of consumers, businesses and government, community involvement, business structures and profiles different career opportunities in the business world. This course will serve as a core class for other business classes students will take to help prepare for future employment or business ownership.
Credits:1	
Open to: 9-10-11-12	
Prerequisite: None	

## BUSINESS MANAGEMENT/COMMUNICATIONS

Duration: One Term	Business Management & Communications is an advanced, hands-on course. It will focus on students' abilities to manage and operate an organization/business, while exploring Cascade High School's Future Business Leaders of America chapter. All the while students will develop skills in management, teamwork, delegation, community service, interacting with local businesses, recordkeeping, and professional communication/interviewing skills through public speaking assignments and live interviews with professionals.
Credits:1	
Open to: 10-11-12	
Prerequisite: <b>None</b>	

## ENTREPRENEURSHIP

Duration: One Term	Students will receive an understanding of business principles and concepts involved in a successful business enterprise. Students will study how to successfully launch a business, finance a business, produce, and market a product, and manage all aspects of a business. Students are involved in running a company and participating in a computer management simulation during the term. This course will provide students with hands on experience in operating a business which is background for the business and marketing classes students will take in post-secondary education.
Credits:1	
Open to: 9-10-11-12	
Prerequisite: None	

## ENTREPRENEURSHIP BUSINESS MANAGEMENT (MARKETING)

Duration: One Term	Entrepreneurship Business Management is a project-based business course that develops student understanding and skills in functional areas of marketing. Students will acquire an understanding and appreciation of each of the marketing functions, as well as develop skills in promotion, planning and budgeting, the nature and scope of selling, economic systems, and career-seeking skills.
Credits:1	
Open to: 9-10-11-12	
Prerequisite: None	

## PERSONAL FINANCE

Duration: One Term	Personal finance gives students the opportunity to learn how to budget their money, make better buying decisions, avoid the pitfalls of using credit, explore options for investing their money and learn basics of insurance. This course is recommended for all students who want to get the most out of their money and achieve their future financial goals. Students will work on simulations where they prepare a budget, pay bills for a family, purchase a vehicle, buy various types of insurance, obtain a loan, prepare income tax returns and other financial activities of a single person or a family.
Credits:1	
Open to: 11-12	
<b>*Graduation Requirement (taken Junior or Senior year)</b>	

## ACCOUNTING I "Concurrent Enrollment Course"

Duration: Two Terms	NICC Course description: Basic accounting principles introduce beginning students to fundamental accounting concepts. The accounting cycle of journalizing transactions, posting,
Credits:1	

Open to: 11-12	adjusting, and closing entries, and the preparation of financial statements is emphasized for service and merchandising concern. The scope and depth of accounting concepts discussed are aimed at non-accounting majors.
Prerequisite: <b>ALEX Score 15</b>	

### COMPUTER SCIENCE ESSENTIALS (CSE)

Duration: One Term	This course is designed for students who have never programmed before. Students will work in teams to create apps for mobile devices using MIT App Inventor. They will explore the impact of computing in society and build skills in digital citizenship and cybersecurity. Beyond learning the fundamentals of programming, students will build computational thinking skills by applying computer science to collaboration tools, modeling and simulation, and data analysis. In addition, students will transfer the understanding of programming gained in App Inventor to text-based programming in Python and apply their knowledge to create algorithms for games of chance and strategy.
Credits:1	
Open to: 9-10-11-12	
Prerequisite: <b>none</b>	

### COMPUTER SCIENCE PRINCIPLES (CSP)

Duration: One Term	This class is designed to work with Code.org to develop the students basic understanding of Computer Science. This course is designed for students who have never programmed before. They will explore the impact of computing in society and build skills in digital citizenship and cybersecurity. Beyond learning the fundamentals of programming, students will build computational thinking skills by applying computer science to collaboration tools, modeling and simulation, and data analysis
Credits:1	
Open to: 9-10-11-12	
Prerequisite: <b>Computer Science Essentials (CSE)</b>	

### TECHNOLOGY SOLUTIONS “Concurrent Enrollment Course”

Duration: One Term	This course is designed to provide students with the knowledge of basic troubleshooting skills and strategies with computer devices and operating systems. Students will learn troubleshooting with computer hardware and software, complete lab exercises, and assist at our student help desk center. There are no pre-requisites or required technology skills to take this course. <b>NICC Description:</b> Troubleshooting
Credits:1	
Open to: 9-10-11-12	
Prerequisite: None	

### TECHNOLOGY HELP DESK

Duration: One Term	This course is an extension of the Technology Solutions. Students will be able to apply skills and strategies they have learned in Technology Solutions to real technology-based issues. Students will practice troubleshooting with computer hardware and software, work on computers, and assist at our student help desk center. Students must pass Technology Solutions in order to take this course.
Credits:1	
Open to: 9-10-11-12	
Prerequisite: <b>Technology Solutions</b>	

## ENGLISH

### ENGLISH I

Duration: Two Terms	English I is a two-term course that focuses on developing and strengthening the writing skills necessary for proficient high school writing. The focus areas include thesis and paragraph development, MLA format, informative and argumentative writing, and oral presentations. Literary focus will first be on shorter nonfiction and fiction selections. The course also focuses on developing and strengthening the reading skills necessary for high school. Students will deepen their understanding of the elements of literature through studying selected works of poetry, mythology, and Shakespearean drama. Students will continue to strengthen their skills in listening, speaking, and writing through the analysis of literature.
Credits:2	
Open to: 9	
Prerequisite: None	

## ENGLISH II

Duration: Two Terms	This course builds on concepts explored in English I. Term 1 will explore literature through novel studies that focus on aspects such as historical context, characterization, and theme while continuing to develop their analytic and narrative writing skills. Term 2 will continue with a more in-depth examination of historical context culminating in a written research paper assessing the students' ability to incorporate the use of outside sources accurately and effectively into their own writing. Students will also analyze classic works of literature and drama from Arthurian legends to Shakespeare's Julius Caesar. Written research and argumentative skills will be used to complete an oral informational presentation.
Credits:2	
Open to: 10	
Prerequisite: None	

## ENGLISH III

Duration: One Term	This course examines the American experience through the examination of foundational American texts. Students will choose one of three literature themes to further explore a dimension of American Literature. Students will also select an individual novel to read. Writing instruction will focus on building the capacity for writing fluency.
Credits:1	
Open to: 11	
Prerequisite: None	

## ENGLISH III– SELF & SOCIETY

Duration: One Term	This course will focus on exploring novels, short-stories, films, and poems that center around the how an individual understands their identity given the influences that surround that person. Instruction will focus on building skills in literature analysis and demonstrating those skills through writing.
Credits:1	
Open to: 11	
Prerequisite: None	

## ENGLISH III – CLASSIC NOVELS

Duration: One Term	This course will focus on literature that has been recognized as 'classic'. Instruction will focus on building skills in literature analysis and demonstrating those skills through writing. The pace of the reading and writing will prepare students for the rigors of college level classes.
Credits:1	
Open to: 11	
Prerequisite: None	

## ENGLISH IV

Duration: Two Terms	This course is intended for all students. English 12 addresses Language Arts, Composition, Literature, and communications/speaking skills relevant beyond the high school classroom. During 1 <sup>st</sup> term students will refine their writing skills using the 6+1 writing model applied to a
Credits:2	
Open to: 12	

Prerequisite: None	variety of writing formats and purposes. In the second term, students will study, discuss, and analyze global issues through the reading of novels and short stories from various world authors as well as viewing several films. Students will continue to develop their writing skills through informative, narrative, and argumentative writings and /or projects.
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### COMPOSITION I “Concurrent Enrollment Course”

Duration: One Term	<b>NICC Description:</b> This course prepares the student for the type of communication and thought essential to academic and working-world success. The course focuses on writing as a process and is intended to help students identify his or her writing strengths and weaknesses and, thereby, refine their own personal writing. Emphasis will be placed on providing writing and vocabulary skills essential to success in college. Instruction concentrates on rational persuasion, critical evaluation of ideas, writing style, and methods of research. Students must earn at least a C-in this course to enroll in the Cultures through Literature course.
Credits:1	
Open to: 12	
Prerequisite: <b>Accuplacer Score of 5 on Writing or ACT Score of 18 in English</b>	

### INTRODUCTION TO LITERATURE “Concurrent Enrollment Course”

Duration: One Term	<b>NICC Description:</b> This course focuses on the art of fiction, drama, and poetry. Students closely examine literature that challenges and enlightens. Engagement with these works stimulate independent, analytical thinking that is shared through writing and discussion.
Credits:1	
Open to: 12	
Prerequisite: <b>Eng:105 a minimum C- or an equivalent Composition course at another college/or university with a minimum of a C-</b>	

### COMPOSITION II “Concurrent Enrollment Course”

Duration: One Term	<b>NICC Description:</b> This writing course focuses on writing as a process with emphasis on persuasion, evaluation, analysis, investigation and research and documentation of sources.
Credits:1	
Open to: 12	
Prerequisite: <b>Completed Composition I with a Grade of “C-” or above</b>	

### INDIVIDUALIZED READING

Duration: One Term	Individualized Reading is a class designed for those students who would like an opportunity to talk and write about what they are reading. This class will combine all the elements of language arts: reading, writing, vocabulary development, and presentation skills. Students will self-select their reading materials. There is a writing element to the class that offers the students a chance to reflect on the books that they have completed.
Credits:1	
Open to: 9-10-11-12	
Prerequisite: None	

### CREATIVE WRITING

Duration: One Term	This course is designed to introduce students to the many forms of creative writing. During the course, students will gain experience with several forms of creative expression, such as poetry, drama, fiction, and nonfiction. Importance will be placed on proofreading and revision, voice and style, audience, and the use of literary elements.
Credits:1	
Open to: 9-10-11-12	
Prerequisite: None	

### DEBATE

Duration: One Term	This course will cover units on argumentation and debate to help students communicate their thoughts in a structured manner, develop critical thinking skills, and develop research skills. Major units include Extemporaneous speaking, Lincoln-Douglas Debate, and Public Forum.
Credits:1	
Open to: 9-10-11-12	

Prerequisite: None	
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## **PUBLIC SPEAKING “Concurrent Enrollment Course”**

Duration: One Term	An introductory course emphasizing actual speaking experiences with practice in choosing subjects, analyzing audiences, and preparing and delivering a variety of extemporaneous speeches. Provides opportunity for skill development in listening and group discussion.
Credits:1	
Open to: 10-11-12	
Prerequisite: <b>Completed 4 English Credits</b>	

## **PURSUIT OF EXCELLENCE THROUGH LITERATURE**

Duration: One Term	This is a multimedia-based course designed to enhance reading, writing, and public speaking skills. Students will read various texts and listen/watch various media formats that may include sports-based texts, realistic fiction, non-fiction, biographies/ autobiographies, poetry selections, and journal, magazine, and newspaper articles. Themes to be examined in the literature include teamwork, sportsmanship, leadership, work ethic, health and fitness, and the pursuit of excellence.
Credits:1	
Open to: 9-10-11-12	
Prerequisite: None	

## **FAMILY & CONSUMER SCIENCE**

### **FAMILY & CONSUMER SCIENCE I**

Duration: One Term	Enjoy a little bit of all the Family and Consumer Sciences department has to offer with this hands-on exploratory course. Prepare for the future adult roles with topics including child development, nutrition, and healthy meal planning, sewing, and clothing care, personal finance,
Credits:1	
Open to: 9-10-11-12	

Prerequisite: None	and housing. The skills in the class might spark a new interest or hobby and will certainly help prepare you for living independently
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## PARENTING

Duration: One Term	Parenting skills are something we learn, not something we are born with. Set your future family off on the right foot with this course. Examine dating and healthy relationships, explore mate selection, and learn about the diverse ways people become parents. Learn to nurture the many dimensions of a child's development. This course includes lab experiences working with children. It is a great first step towards a career in education or human services but will be beneficial to everyone whose life may include children someday.
Credits:1	
Open to: 10-11-12	
Prerequisite: None	

## CULINARY ESSENTIALS

Duration: One Term	Are you interested in a recipe for success? Enhance your culinary skills in this exciting hands-on elective. Students build on the basics of food preparation in lab experiences ranging from herbs to sauces to meats. Popular competitions like Chopped allow students to show off their expertise. Topics like plate contrast, regional and ethnic cuisine, and culinary career options are also discussed. This course is a must for students who enjoy cooking or anyone who would like to gain some kitchen confidence before leaving home.
Credits:1	
Open to: 9-10-11-12	
Prerequisite: None	

## BAKERY

Duration: One Term	With hands-on units ranging from cookies and pies to candy and more, students can transform baking from a hobby to a viable career option. They can explore pastry arts as a career with the class entrepreneurship project. Students will develop skills needed to follow advanced recipes and will even create their own.
Credits:1	
Open to: 9-10-11-12	
Prerequisite: Culinary Essentials (cannot take in conjunction with Bakery)	

## APPAREL MERCHANDISE DESIGN & PRODUCTION

Duration: One Term	Explore exciting careers in apparel merchandising, design, and production while enjoying this elective course. Students will examine fashion history and forecast future trends, identify characteristics of high-quality garments, and learn to sew garments themselves. An excellent course for students considering a career in fashion or for anyone who enjoys creativity and project-based learning.
Credits:1	
Open to: 10-11-12	
Prerequisite: None	

## ADVANCE PASTRY

Duration: One Term	Build on our Bakery course to develop advanced pastry art skills. Students will decorate cakes and make pies, candies, and much more. Learn how to apply these skills in an exciting career or just enjoy a fulfilling hobby.
Credits:1	
Open to: 10-11-12	
Prerequisite: <b>Culinary Essentials/Bakery</b>	

## WORLD FOOD

Duration: One Term	Travel the culinary world with this delicious course that will expand your understanding of different cultures. Each term concentrates on the cuisine and culture of an area of the world. Students prepare and enjoy foods in this lab-based course. Presented in a four-year rotation so students can repeat the course.
Credits:1	
Open to: 9-10-11-12	
Prerequisite: None	

## TEXTILES



Duration: One Term	Explore textiles in this hands-on project-based course. Students have an opportunity to learn needlework skills like knitting, crocheting, embroidery, and hand-sewing. They will plan and produce projects of their choosing.
Credits:1	
Open to: 9-10-11-12	
Prerequisite: None	

## HEALTH & PHYSICAL EDUCATION

### HEALTH I

Duration: One Term	It has been said that when you have your health you have everything. Being in good health really does affect what type of life you lead. It affects how much you can put into life and take out of life. And “having your health” will even determine how long you will enjoy your stay on this planet. A practical side of health is examined in this class. Emphasis is placed on developing positive health habits. Topics discussed include: What is Health and Fitness, Nutrition, Infectious and Noninfectious Diseases AND Mental Health.
Credits:1	
Open to: 9-10	
Prerequisite: <b>*Graduation Requirement</b>	

## PHYSICAL EDUCATION

Duration: One Term	All students in grades 9-12 must take Physical Education for one trimester each year they are enrolled unless they are exempt from this requirement. Each student must have four credits in Physical Education to graduate unless waived. The proper Cascade High School P.E. uniform is required for class. A letter grade will be given on the report card. The grade, which is included on the G.P.A., will be based on participation, technique, and knowledge. A variety of individual, team, and life-long activities will be offered. CPR training will be provided, and certification is required for graduation.
Credits:1	
Open to: 9-10-11-12	
Prerequisite: None	

## STRENGTH & CONDITIONING (Early Bird)

Duration: Three Terms	Students will participate in areas of physical fitness intended to condition the body. Students will improve muscular strength and size, cardiovascular endurance and recovery, muscular endurance, flexibility, running skills, jumping ability, agility, and speed. Those who enroll in this class will meet every other day all year from 7:00 – 7:45 a.m. and will receive one credit. Both semesters will contain activities that are very physically demanding and should not be confused with regular physical education classes. Students will be required to provide their own physical education attire.
Credits:1	
Open to: 9-10-11-12	
Prerequisite: None	

## STRENGTH & CONDITIONING

Duration: One Term	Students will participate in areas of physical fitness intended to condition the body. Students will improve muscular strength and size, cardiovascular endurance and recovery, muscular endurance, flexibility, running skills, jumping ability, agility, and speed. All terms will contain activities that are very physically demanding and should not be confused with regular physical education classes. Students will be required to provide their own physical education attire.
Credits:1	
Open to: 9-10-11-12	
Prerequisite: None	

## PERSONAL WELLNESS

Duration: One Term	Are you reluctant to be physically active? Are you wanting to improve your quality of life, learn to accept your bodies imperfections that cannot be changed and learn to change the things we are in control of changing in our lives? Then this class is for you. This class is for students who want to make the connection between their physical activity, nutrition, and lifestyle choices. This class is a unique opportunity for high school students to work together to meet personal fitness goals, learn more about themselves, learn about different body types and wellness loving yourself for who you are. This class will teach fitness, nutrition, weight training, yoga, and other life skill activities. The focus of this class is to develop lifelong skills. Students will be required to provide their own physical education attire.
Credits:1	
Open to: 9-10-11-12	
Prerequisite: None	

## INDUSTRIAL TECH

### INTRO TO INDUSTRIAL TECHNOLOGY

Duration: One Term	This is an introductory course that will explore the areas of industrial technology offered in Western Dubuque's School District. Students will spend a third of the term in each of the three areas: Carpentry, Manufacturing and Transportation. The majority of this class will be hands-on, allowing students to complete projects in each area. This class will also emphasize safety and career exploration. This course will be required for all 9 <sup>th</sup> and 10 <sup>th</sup> graders who wish to take other classes in the Industrial Technology Program. Safety glasses and a tape measure are required for each student. Students are responsible for the cost of project materials.
Credits:1	
Open to: 9-10-11-12	
Prerequisite: None	

### CARPENTRY I

Duration: One Term	This course is an introductory course in basic carpentry. This is a “hands-on” class where students will learn by doing. Students will develop an understanding of shop safety, use of hand and power tools, characteristics of wood and basic carpentry techniques. Emphasis is placed on shop safety and proper technique for the carpentry facility, whether it is in a shop or on a job site. Students will construct projects to develop knowledge of gluing, joinery, fasteners, sanding, staining, finishing and craftsmanship. The following are required for this course: z87 safety glasses & 12’ tape measure. Students will also be responsible for purchasing materials that are needed to construct their small projects.
Credits:1	
Open to: 9-10-11-12	
Prerequisite: <b>Introduction to Industrial Technology</b>	

## CARPENTRY II

Duration: One Term	This course will be more in-depth in carpentry. This is a “hands-on” class where students will learn by doing. Students will use what they learned in Carpentry 1 and develop an even broader knowledge of all tools and machinery in the shop. Emphasis is placed on project development, safety, and proper technique for the carpentry facility, whether it is in the shop or on a job site. Students will construct projects at a more advanced level. The following are required for this course: z87 safety glasses & 12’ tape measure. Students will also be responsible for purchasing materials that are needed to construct their projects.
Credits:1	
Open to: 10-11-12	
Prerequisite: <b>Carpentry I</b>	

## CARPENTRY III

Duration: One Term	This course will give students skills that are used by finish and rough carpenters. The classroom experience combines lecture and lab activities that cover all aspects of a carpenter’s job. It is intended as a possible entry for a career in carpentry or further their education. Students will use prior training techniques and knowledge from Carpentry I & II. Students will learn rough carpentry techniques by possibly building a small shed and will learn finish carpentry skills while constructing their cabinet(s) design, which will include a door or drawer. The following are required for this course: z87 safety glasses & 12’ tape. measure. Students will also be responsible for purchasing materials that are needed to construct their cabinet design. *Carpentry III may be taken for more than one trimester.
Credits:1	
Open to: 11-12	
Prerequisite: <b>Carpentry I &amp; II</b>	

## CONSTRUCTION

Duration: One Term	This is an introductory level course which is intended for all students who have a desire to understand the construction industry. The different types of construction and careers within the field will be covered. A hands-on exposure will be an emphasis. Materials fee will be charged. The following are required for this course: z87 safety glasses & 12’ tape measure.
Credits:1	
Open to: 9-10-11-12	
Prerequisite: <b>Intro to Industrial Technology; Graphic Comm. Recommended</b>	

## WELDING

Duration: One Term	Students will have the opportunity to use oxyacetylene and electric arc welding equipment to make different types of welds required to make repairs or fabricate items. Various techniques of welding such as stick, MIG, plasma cutting, and oxyacetylene applications will be experienced.
Credits:1	
Open to: 9-10-11-12	
Prerequisite: None	

## NICC Consortium Classes for Industrial Technology

Cascade High School and NICC have created these consortiums so students can start their educational programs in one of the following programs: Automotive Mechanics or Diesel Mechanics. The courses in these consortiums meet at NICC every day from approximately 1:30 – 3:30 p.m. for the entire year. The consortiums are better suited for 12th grade students but may be appropriate for 11th grade students as well.

## **AUTOMOTIVE MECHANICS CONSORTIUM**

Duration: One Year	In this age of rapidly changing technology, the automotive repair field demands personnel who are trained in the latest methods of diagnosis and repair. If you are mechanically inclined and willing to learn the necessary skills, you will find many opportunities in the automotive field. Students can earn a maximum of 6 high school credits per year.
Credits:6	
Open to: 11-12	
Prerequisite: None	

## **DIESEL CONSORTIUM**

Duration: One Year	The increased mobility of people and industries has caused a large growth in the diesel industry. Where there are diesel engines, there is a need for mechanics to keep them running. As a diesel mechanic, you will be prepared as an all-around mechanic capable of performing work on all systems of the vehicle. You must exhibit an attitude compatible with work requirements, demonstrate the ability to work with co-workers, and possess competencies in electrical systems, fuel systems, drive trains, and engines. Competency-based training will be offered on front-to-rear maintenance of diesel equipment. Students can earn a maximum of 6 high school credits per year.
Credits :6	
Open to: 11-12	
Prerequisite: None	

# MATH

## ALGEBRA I

Duration: Two Terms	This course is a basic preparation for most math, science, and technical courses. It is highly recommended for all students who plan to attend a 2- or 4-year college. The course emphasizes linear equations, linear inequalities, and operations with polynomials, linear systems, quadratic equations, and irrational numbers. Word problems are taught throughout the course. The student is expected to put forth consistent, daily effort and steadily improve his/her study skills.
Credits:2	
Open to: 9-10-11-12	
Prerequisite: None	

## ALGEBRA I CONCEPTS

Duration: Three Terms	This course is a basic preparation for most math, science, and technical courses. The course emphasizes linear equations, linear inequalities, and operations with polynomials, linear systems, quadratic equations, and irrational numbers. Word problems are taught throughout the course. The student is expected to put forth consistent, daily effort and steadily improve his/her study skills.
Credits: 3	
Open to: 9-10-11-12	
Prerequisite: <b>Math placements will be determined by student proficiency, teacher recommendation &amp; test scores.</b>	

## ALGEBRA II CONCEPTS

Duration: Two Terms	Algebra 2 is a college prep course recommended for all capable and interested students. This course continues the study of Algebra that began in Algebra 1 with the development of the properties and uses of the real number system in the form of functions such as linear, quadratic, polynomial and exponential. Basic properties of matrices, rational functions, spatial representations of conic sections, and logarithms will also be introduced.
Credits: 2	
Open to: 10-11-12	
Prerequisite: <b>Algebra I &amp; Geometry (10th graders must also be enrolled in Geometry)</b>	

## ALGEBRA II/TRIG

Duration: Two Terms	This course is a continuation of Algebra I with most of the time in the first term being spent on extension of Algebra I topics. Introductory work will be done in trigonometry, logarithms and exponential expressions, probability, and statistics, solution and graphing of polynomial equations, and the complex number system. This course is highly recommended for students planning to take Pre-Calculus and considering enrolling at a post-secondary school with the plans of majoring in business, mathematics, or science related field. A graphing calculator is required. (TI 83 or TI 84 plus is necessary for this course). This course may be taken at the same time as Geometry with teacher approval.
Credits: 2	
Open to: 9-10-11-12	
Prerequisite: <b>Algebra I &amp; Geometry. Math placements will be determined by student proficiency, teacher recommendation &amp; test scores.</b>	

## GEOMETRY

Duration: Two Terms	This course develops the definitions and properties of many plane geometric objects. Topics include lines, angles, triangles, parallelograms, polygons, geometric transformations, similarity, congruence, right triangle trigonometry, vertex-edge graphs, circles, areas, perimeters, and volumes. These properties are studied from a deductive and an analytic approach.
Credits:2	
Open to: 9-10-11-12	
Prerequisite: <b>Algebra</b>	

## GEOMETRY CONCEPTS

Duration: Two Terms	This course is designed for students who need more time with Geometry concepts. Topics include lines, angles, triangles, quadrilaterals, polygons, geometric transformations, similarity, congruence, right triangle trigonometry, vertex-edge graphs, circles, areas, perimeters, and volumes.
Credits:2	
Open to: 10-11-12	
Prerequisite: <b>Math placements will be determined by student scores and teacher recommendation.</b>	

### PRECALCULUS “Concurrent Enrollment”

Duration: Two Terms	<b>NICC Description:</b> This course will prepare students for calculus. Precalculus studies the nature of elementary functions and their role in mathematics by integrating a combination of algebra and trigonometry. Topics include the real number system, functions, polynomials and rational functions, exponential and logarithmic functions, trigonometric functions, trigonometric identities, analytic trigonometry, systems of equations, and identities, analytic trigonometry, systems of equations, and matrices. It is highly recommended that you have a C or better in Algebra 2/Trig.
Credits:2	
Open to: 11-12	
Prerequisite: <b>ALEKS score of 55 or higher or ACT Math score of 22 or higher &amp; Advanced Algebra II/Trig</b>	

### STATISTICS “Concurrent Enrollment”

Duration: Two Terms	<b>NICC Description:</b> This course will introduce the basic methods of statistical reasoning to help develop the ability to summarize data, interpret data, and draw conclusions based on the data. The first topics discussed and descriptive statistics, the second inferential statistics. This course is recommended for numerous post-secondary degrees in a non-math related field.
Credits:2	
Open to: 11-12	
Prerequisite: <b>GPA of 2.8 or higher, ALEKS Score Of 35 or higher or ACT Math score of 20 or higher &amp; Advanced Algebra II/Trig</b>	

### CALCULUS I “Concurrent Enrollment”

Duration: Two Terms	This course will discuss the understanding of calculus and analytical geometry, differentiation and applications of the analytic geometry and differentiation. It is recommended that you have a C or better in Precalculus. This course is recommended for anyone pursuing a post-secondary degree in a mathematics related field.
Credits:2	
Open to: 12	
Prerequisite: <b>Precalculus</b>	

## CONCERT CHOIR

Duration: Three Terms	Chorus is a class to help develop your individual and ensemble singing skills. Music of a wide variety of genres will be presented and explored throughout the course of the year. Performances are scheduled throughout the year and are outside of class time, including nights and weekends. All performances and weekly voice lessons are required.
Credits:3	
Open to: 9-10-11-12	
Prerequisite: None	

## VOCAL AFFINITY

Duration: Three Terms	Vocal Affinity is a jazz choir that meets every other day during early bird (7:00 am – 8:00 am) Vocal technique, improvisation, and various vocal jazz styles will be addressed throughout the year. This group has many performances outside of class throughout the year and are required for all members.
Credits:1	
Open to: 9-10-11-12	
Prerequisite: none	

## BAND

Duration: Three Terms	Students perform a variety of music throughout the year. All students participate in marching band, concert band and pep band. Rehearsals outside of class time are required, including nights, weekends, and summertime. Many performances are scheduled throughout the year, also outside of class time.
Credits:3	
Open to: 9-10-11-12	
Prerequisite: <b>The ability to play a Band Instrument</b>	

## JAZZ BAND

Duration: Three Terms	Students will learn a variety of music and will perform concerts outside of class time. Instrumentation for this group is saxophones, trumpets, trombones, keyboard, and rhythm.
Credits:1	
Open to: 9-10-11-12	
Prerequisite: <b>Selected by Audition</b>	

## INTRO TO GUITAR & PIANO METHODS

Duration: One Term	This one trimester course students will develop the skills to perform both on piano and guitar. Basic theoretical concepts of music including note names, rhythm reading, music reading, a chord progression will be covered. Students will have the opportunity to play a variety of genres on both instruments throughout the course. Guitars and keyboards will be provided to students.
Credits:1	
Open to: 9-10-11-12	
Prerequisite: None	

## ADVANCED GUITAR & PIANO METHODS

Duration: One Term	Advanced Piano and Guitar is a follow up course to Piano and Guitar Methods 1. Students in Advanced Piano and Guitar will choose which instrument track to focus on for the trimester. This course is to provide more in depth learning over basic music concepts and advance an individual's ability to play piano or guitar. At the end of the course students will be expected to participate in a class recital and perform one piece on their chosen instrument that demonstrates a culmination of their learning from their first methods course and the advanced course.
Credits:1	
Open to: 10-11-12	
Prerequisite: None	

# SCHOOL TO WORK

## EMPLOYABILITY SKILLS “Concurrent Enrollment”

Duration: 1, 2 or 3 Terms	<p><b>NICC Description:</b> Pre-Employment strategies is a 2-credit concurrent class from NICC. This is a school-business partnership that is designed to provide students with a valuable worksite learning experience in a selected career pathway. Placements can be either paid or non-paid. The students will provide their own transportation to the worksite. Daily attendance is critical! Students will have classroom work one day a week and will be at the job site the rest of the week. The classroom work involves workplace skills and job search skills. If a suitable work placement is not located by the first 3 days of the trimester, the student will not be able to participate in the program.</p> <p><b>Entry criteria:</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Minimum GPA of 2.0.</li> <li><input type="checkbox"/> Good Attendance Record – at least 90% for previous year.</li> <li><input type="checkbox"/> Must complete School to Work application and resume.</li> <li><input type="checkbox"/> Must have favorable recommendations from teachers, counselors, and principals.</li> <li><input type="checkbox"/> Must attend scheduled meetings and interview with School to Work coordinator.</li> <li><input type="checkbox"/> Must complete ALL necessary paperwork by the deadlines set by the School to Work coordinator.</li> </ul>
Credits: 1, 2 or 3	
Open to: 11-12	
Prerequisite: None	

## INTERNSHIP/SCHOOL TO WORK

Duration: 1, 2 or 3 Terms	<p>The School-to-Work Job Exploration program is a school-business partnership that is designed to provide an at-risk student an opportunity to experience career exploration in a field in which they are interested. This career exploration can be paid or unpaid. Students can receive 1 or 2 credits per trimester, and up to a maximum of 6 credits during their senior year. Students will attend class one day a week for the first semester and be at the job site the rest of the week. The students will complete class assignments, timecards and a project related to their work experience. Students must provide their own transportation to the work site. Parental approval is required. If an appropriate placement is not located by the first 3 days of the trimester, the student will not be able to participate in the program.</p> <p><b>Entry Criteria:</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Must be recommended by a counselor.</li> <li><input type="checkbox"/> Good Attendance Record – at least 90% for previous year.</li> <li><input type="checkbox"/> Must complete School to Work application.</li> <li><input type="checkbox"/> Must have favorable recommendations from teachers, counselor, and principals.</li> <li><input type="checkbox"/> Must attend scheduled meetings and interview with School to Work Coordinator.</li> <li><input type="checkbox"/> Must complete ALL necessary paperwork set by the School to Work Coordinator.</li> </ul>
Credits: 1, 2 or 3	
Open to: 11-12	
Prerequisite: None	

## FUTURE EDUCATORS

Duration: One Term	<p>The Future Educators of America Program is a partnership between the schools, elementary, middle, and high, and the student. The mission of this program is to provide the students with opportunities to explore teaching as a career option, help students gain realistic understanding of the nature of education and the role of the teacher and coordinate information about teaching as a profession, employment opportunities, financial assistance options and educational issues such as professional mobility, diversity, job security and other matters. This unpaid career exploration opportunity will last one trimester and count for one elective credit toward graduation. The students will provide their own transportation to the school. Daily attendance is required. Students wishing to enroll in this class should have a genuine interest in a career in education.</p>
Credits: 1	
Open to: 12	
Prerequisite: None	

# SCIENCE



## PS PHYSICS

Duration: One Term	Students will develop a basic knowledge and understanding of the concepts of Physics subjects include but are not limited to momentum, Newton's laws, electromagnetic waves, forces, electricity, and magnetism.
Credits:1	
Open to: 9-10-11-12	
Prerequisite: None	

## PS CHEMISTRY

Duration: One Term	Students will develop a basic knowledge and understanding of the concepts of Chemistry, including but not limited to matter, atomic structures, periodicity, chemical bonding, chemical reactions, energy, reaction rates, equilibrium, and chemical quantities.
Credits:1	
Open to: 9-10-11-12	
Prerequisite: None	

## BIOLOGY

Duration: Two Terms	This course provides a thorough background in characteristics of living things, nutrients, energy & biochemical processes, homeostasis & human body systems, disease & disruption of homeostasis, comparative reproduction, genetics, biotechnology & decision-making.
Credits:2	
Open to: 10-11-12	
Prerequisite: <b>PS Chemistry I</b>	

## PS EARTH & SPACE

Duration: One Term	Students will develop a basic knowledge and understanding of the concepts of earth and space science to include: origins of the universe and our solar system, Earth's interior and plate tectonics, landscapes and surface processes, & geologic history and origins of life.
Credits:1	
Open to: 10-11-12	
Prerequisite: <b>Biology</b>	

## PS ENVIROMENTAL SCIENCE

Duration: One Term	Students will develop a basic knowledge and understanding of the concepts of environmental science to include weather, geography, climate & human cities, climate change and human impact: extinction vs. evolution, & ecosystems and invasive species.
Credits:1	
Open to: 11-12	
Prerequisite: <b>Biology</b>	

## PS ASTRONOMY

Duration: One Term	The word Astronomy conjures up fantastic images of distant galaxies, ringed planets, exploding stars, or comets streaking across the sky. Maybe it brings you back to a moment when you took the time to look up at those points of light called stars and wondered if, maybe someone far out there somewhere was looking back in your directions, wondering the same thing. Astronomy can be a very complicated science, top heavy with physics and math. That is not how this class is presented. This Astronomy class is for the curious amateur astronomer that can do simple Algebra.
Credits:1	
Open to: 10-11-12	
Prerequisite: None	

## WILDLIFE MANAGEMENT

Duration: One Term	
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Credits:1	This course provides a thorough background in basic conservation wildlife concepts and principles including importance of wildlife & its industry, science and technology, habitat management, and enjoying wildlife. This will cover topics to include hunting, fishing, trapping, shooting sports and boating if time allows.
Open to: 10-11-12	
Prerequisite: None	

## CHEMISTRY II

Duration: One Term	A course designed for students planning to enroll in a four-year college, especially with an interest in the physical or natural sciences. The students will use qualitative and quantitative investigations and laboratory techniques to build on the knowledge and understanding of the concepts of Chemistry gained in Physical Science: Chemistry 1, including but not limited to: matter, atomic structures, periodicity, chemical bonding, chemical reactions, energy, reaction rates, equilibrium, and chemical quantities.
Credits:1	
Open to: 11-12	
Prerequisite: <b>PS Chemistry 1, Biology &amp; Algebra I</b>	

## PHYSICS II

Duration: One Term	This course is a problem-oriented approach to Classical and Modern Physics. It is concerned primarily with the principles and laws that govern the behavior of the inanimate world. Portions of this course will discuss the principles and mathematical analysis of physics. This course is meant to prepare students for college-level physics, as well as give them an understanding of the world around them. Concepts studied include scientific method, linear and projectile motion, energy, & collisions.
Credits:1	
Open to: 11-12	
Prerequisite: <b>PS Physics</b>	

## HUMAN ANATOMY & PHYSIOLOGY

Duration: Two Terms	The course covers the study of the levels of organization, support and movement, and the integration and coordination of body systems and structures. Lectures and discussions will provide the framework and the basis for laboratory work. In addition to the text and written exams, there will be laboratory work and lab practical's many body systems. This class involves dissection including but is not limited to: fetal pigs, cow eyes, cow hearts, and sheep brains. References will be made in discussions and in lab concerning various topics in medical health areas and in areas of sport medicine. This course is a definite recommendation for anyone interested in nursing, coaching, athletic training and physical education, health related professions and medicine. Time spent per day outside of class studying/reading Anatomy should be 30 minutes or more to maximize your success in this class.
Credits:1	
Open to: 11-12	
Prerequisite: <b>Biology highly recommended</b>	

## FORENSIC SCIENCE I

Duration: One Term	Introduction to Forensic Science is a lab-oriented course that can be 1 or 2 trimesters. It introduces students to the analysis of evidence associated with matters of the law. Evidence studied includes, but is not limited to, fingerprints, ink, paper, handwriting, shoe prints, hair and fibers, blood typing, DNA, firearms, and bullets and bullet trajectory.
Credits:1	
Open to: 11-12	
Prerequisite: <b>Biology</b>	

## FORENSIC SCIENCE II

Duration: One Term	The course will extend upon forms of trace evidence not covered in Forensic Science 1.
Credits:1	
Open to: 11-12	
Prerequisite: <b>Forensic Science I</b>	

## SOCIAL STUDIES

### WORLD HISTORY

Duration: One Term	This course on world history promotes an emphasis on both historical content and historical thinking skills to prepare students with a strong foundation in significant history content, and with the skills necessary to apply historical thinking to any historical context.
Credits:1	
Open to: 9-10	
Prerequisite: None	

## WORLD GEOGRAPHY

Duration: Two Terms	Students develop a deep understanding of the interconnectedness of people and place. By analyzing the physical and human systems, geographical features, and regional commonalities of different locations around the world, students explain how society, the environment, the political and economic landscape, and historical events influence perspectives, values, traditions, and ideas.
Credits:2	
Open to: 9	
Prerequisite: None	

## US HISTORY

Duration: Two Terms	In this course students study the history of the United States since Reconstruction to the present. We will focus on the political, economic, and social events and issues related to a variety of events from Westward Expansion, Industrialization/urbanization, the World Wars, and the Roaring 20s to the Great Depression, to reform movements such as the Civil Rights movement. Students are expected to use critical thinking skills, analyze historical documents, and complete projects detailing important topics in U.S. History.
Credits:2	
Open to: 11-12	
Prerequisite: None	

## US HISTORY TO 1877 “Concurrent Enrollment”

Duration: Two Terms	The U.S. History course focuses on the development of historical thinking skills (chronological reasoning, comparing, and contextualizing, crafting historical arguments using historical evidence, and interpreting and synthesizing historical narrative) and an understanding of content learning objectives organized around seven themes, such as identity, peopling, and America in the world. In line with college and university U.S. history survey courses’ increased focus on early and recent American history and decreased emphasis on other areas U.S. History to 1877 course expands on the history of the Americas from 1491 to 1877.
Credits: 2	
Open to: 11-12	
Prerequisite: None	

## US HISTORY SINCE 1877 “Concurrent Enrollment”

Duration: Two Terms	The U.S. History course focuses on the development of historical thinking skills (chronological reasoning, comparing, and contextualizing, crafting historical arguments using historical evidence, and interpreting and synthesizing historical narrative) and an understanding of content learning objectives organized around seven themes, such as identity, peopling, and America in the world. In line with college and university U.S. history survey courses’ increased focus on early and recent American history and decreased emphasis on other areas, the U.S. History since 1877 course expands on the history of the Americas from 1877 to present.
Credits:2	
Open to: 11-12	
Prerequisite: None	

## AMERICAN GOVERNMENT

Duration: One Term	This course is designed to prepare people to be active participants in our system. We will examine the principles of government, their origins, purposes, and development. Emphasis will be placed on the people within the political systems, their roles, and problems. We will also focus on contemporary affairs and problems and develop judgments and solutions in these areas, especially our ties to the rest of the world.
Credits:1	
Open to: 12	
Prerequisite: None	

## AP AMERICAN GOVERNMENT (Not sure we can offer this yet)

Duration: Two Terms	This course is designed to prepare people to be active participants in our system. We will examine the principles of government, their origins, purposes, and development. Emphasis will be placed on the people within the political systems, their roles, and problems. We will also
Credits:1	
Open to: 12	
Prerequisite: None	

	focus on contemporary affairs and problems and develop judgments and solutions in these areas, especially our ties to the rest of the world.
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## AMERICAN POP CULTURE

Duration: One Term	American pop culture will analyze a wide variety of genre in music and how it relates to certain eras in history. Aspects to be explored are folk music, protest music, the Rise of MTV, Woodstock, The rise of Rock and Roll, and the modern rise of Rap. Students will learn about social issues, protest, individuals, politics, and historical events through the medium of music.
Credits:1	
Open to: 9-10-11-12	
Prerequisite: None	

## PSYCHOLOGY

Duration: One Term	This course is intended to help the student better understand himself/herself and all the external and internal forces that influence him/her. Each student will learn about the history of psychology, perception, intelligence, basic research methods, learning, memory, human development, motivation-emotion, abnormal psychology and/or clinical-counseling psychology.
Credits:1	
Open to: 10-11-12	
Prerequisite: None	

## SOCIOLOGY

Duration: One Term	Sociology is the study of human society and how interactions shape the world in which we live. This course is designed to help students to understand how society guides one's actions and life choices. Students will look beyond commonly held beliefs & find the hidden meanings of everyday interactions. Course topics include a study of family life, groups/conformity and social norms, gender roles, culture, deviance, and crime in society where students participate in a Mock Crime/Trial.
Credits:1	
Open to:10-11-12	
Prerequisite: None	

## AMERICAN POP CULTURE

Duration: One Term	American pop culture will analyze a wide variety of genre in music and how it relates to certain eras in history. Aspects to be explored are folk music, protest music, the Rise of MTV, Woodstock, The rise of Rock and Roll, and the modern rise of Rap. Students will learn about social issues, protest, individuals, politics, and historical events through the medium of music.
Credits:1	
Open to: 9-10-11-12	
Prerequisite: None	

## HISTORY THROUGH MEDIA

Duration: One Term	History Through Media is a course designed to expose students to major events throughout history. This course will use a variety of media (films, biopics, documentaries, investigative journalism, TV shows, etc.) Students will gain a deeper understanding of historical events and how the media has approached significant issues in history. Course topics include civil rights, pop culture, terrorism, and genocide. Students will be asked to interpret the events and see the relationships between "reality" and "representation" in the media's portrayal of the event.
Credits:1	
Open to: 9-10-11-12	
Prerequisite: None	

## SKILLS/ACADEMIC SUPPORT/OTHER

## ACT PREP

Duration: One Term	This course is designed to help students improve their skills in areas covered by the ACT test. Students will gain an understanding of the test format, learn strategies for taking the test, and self-monitor progress through frequent practice exams. English, math, and science teachers will provide guidance for tests within their subject areas.
Credits:1	
Open to: 10-11-12	
Prerequisite: None	

## EXCEL

Duration: 1-3 Terms	Excel is a class designed for students who have been identified as at-risk. Class time is dedicated to giving students extra help with their personal and academic needs. Issues addressed in this course are study skills, organizational skills, behavioral/social skills, personal goal setting, building positive relationships, and becoming better problem solvers. Students with credit deficiencies may earn one credit for this course. Permission must be granted by counselors or administration for students to enroll in this course.
Credits:1-3	
Open to: 9-10-11-12	
Prerequisite: None	

## RESOURCE

Duration: 1-3 Terms	Individualized education program for students who have qualified for the Special Needs Program. This course is for Special Needs Program students only.
Credits:1-3	
Open to: 9-10-11-12	
Prerequisite: None	

## ELL

Duration: 1-3 Terms	ELL (English Language Learners) is a course in which students work to become better readers, writers, speakers, and listeners of the English language. Each student is taught beginning at their individual English proficiency level, so expectations and goals are highly individualized. In this course, the teacher also supports the students' general education learning and tutors or reteaches them as needed in general education coursework. (This is a required course for students who qualify for ELL services.)
Credits:1-3	
Open to: 9-10-11-12	
Prerequisite: None	

## TAG SEMINAR

Duration: 1-3 Term	This course is designed to challenge students in a program of independent study.
Credits: 1-3	
Open to: 9-10-11-12	
Prerequisite: <b>Identified talented and gifted students based on district criteria</b>	

## TRANSITIONAL/VOCATIONAL EDUCATION I

Duration: One Term	This course is a one term, one credit elective course designed for special needs students. This course is designed to help the student explore his/her own ideas and feelings toward self and others. The student will develop strategies to assist with everyday interpersonal situations. It is designed to help students explore various career options, begin to form a relationship between individual abilities and certain career choices, and develop preliminary job seeking skills. Problem solving skills will also be practiced within.
Credits:1	
Open to: 10-11-12	
Prerequisite: None	

## TRANSITIONAL/VOCATIONAL EDUCATION II

Duration: One Term	This course is designed as a third step in preparation for a vocation following high school. This exploration phase offers the student an opportunity to experience two to three work sites per
Credits:1	

Open to: 11-12	term, in their community, in conjunction with classroom instruction. They attend work 2 days a week. The classroom content expands the student's job seeking and work behavior skills. Class is held at least once every other week. Continuation of these skills can occur during the on-the-job experience phase through work study.
Prerequisite: <b>Trans Vocational I</b>	

## LEADERSHIP

Duration: One Term	This course prepares students to meet the challenges of leadership in today's environment. The coursework will teach students the skills and best practices necessary to communicate and work with people toward common goals. This course challenges students to examine their own leadership actions and aspirations. Students will develop and enhance intrapersonal and interpersonal skills as well as learn fundamentals of effective leadership.
Credits: 1	
Open to: 10-11-12	
Prerequisite:	

## WORLD LANGUAGE

### SPANISH I

Duration: Two Terms	Spanish 1 teaches the fundamentals of Spanish to aid the student in understanding spoken and
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Credits:2	written Spanish. Everyday situations, Spanish culture and civilization are emphasized in each unit. This course is directed to the student who has a basic understanding of English with a C or better in their current English class and has an interest in learning the basics of an additional language for their enjoyment or for college pre-requisites.
Open to: 9-10-11-12	
Prerequisite: None	

## SPANISH II

Duration: Two Terms	Spanish 2 extends the understanding of the skills and vocabulary learned in Spanish 1. Vocabulary knowledge will be increased and verb constructions and grammar from the first year will be refined. This course is recommended for all students who have completed Spanish 1 with a grade of C or better and intend to enroll in college.
Credits:2	
Open to: 10-11-12	
Prerequisite: <b>Spanish I</b>	

## SPANISH III

Duration: Two Terms	This course is designed to allow motivated students to use the Spanish acquired to discuss issues in their lives and the world around them. The students will also read and discuss the history, culture, and current events of various Spanish-speaking countries. The continuation of grammar will be included in this course. This class is available for students who have completed Spanish 2 with a grade of C or better.
Credits:2	
Open to: 11-12	
Prerequisite: <b>Spanish II</b>	

## SPANISH IV

Duration: Two Terms	This course continues the study of grammar, literature, history, and culture from Spanish 3. The focus is on composition and oral performance.
Credits:2	
Open to: 12	
Prerequisite: <b>Spanish III</b>	