CENTRAL HIGH SCHOOL
DISTRICT OF WESTOSHA

CAREER PLANNING & COURSE GUIDE
2020-2021

“Working Together, Expecting Excellence.”
Central High School District of Westosha
24617 75th Street, P.O. Box 38
Salem, WI 53168
www.westosha.k12.wi.us

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Jeff Kinzler - Member

CHS Administration
John Gendron
District Administrator
(262) 843-2321 ext. 222

Dale Van Keuren
Principal
(262) 843-2321 ext. 309

Peter Haubrich
Associate Principal
(262) 843-2321 ext. 226

Gail Netzer-Jensen
Director of Curriculum & Assessments
(262) 843-2321 ext. 263

Sean Leavy
Associate Principal
(262) 843-2321 ext. 228
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Central High School Mission Statement

The Mission of the Central High School District of Westosha, a community of learners, is to ensure all students acquire the knowledge, skills and character to thrive as contributing members of a global society through a quality, caring staff; a challenging, relevant curriculum; and diverse opportunities to achieve personal success.

Central High School Non-Discrimination Statement

The Board of Education declares it to be the policy of this District to provide an equal opportunity for all students regardless of race; color; creed; pregnancy; marital or parental status; physical, mental, emotional, or learning disability; age; religion; gender or gender orientation; ancestry; national origin; place of residence within the boundaries of the District; or social or economic background, to learn through the curriculum offered in this District. A complete copy of our Non-Discrimination Policy can be found in the student's agendas as well as on our website (www.westosha.kl2.wi.us).
Students make many important decisions when selecting courses during their four years of high school. The students themselves are the ones who either benefit or lose in the educational process as a result of the rigor of their educational program and commitment to learning. Their course choices can have a profound effect on their success as adults. This guide contains valuable information for students to consider when planning for high school.

It is important for parents, students, and educators to approach course selection with a focus on long-range planning. With thoughtful planning, students can leave high school with college credits, work experience, and/or industry certification. Central has a growing number of course options, which students and parents are encouraged to explore as part of the course selection process.

**COURSE SELECTION**

After course information is distributed, students will be asked to make their final course selections for the following school year. Courses should be chosen carefully, because many class sections fill rapidly, and future schedule changes may not be possible.

**SCHEDULING GUIDELINES**

Students and parents are urged to proceed through the registration process with careful consideration to the selection of courses. It is recommended that students earn six (6) credits ready to meet the 24-credit graduation requirement. Per Central School Board policy each student must have a minimum of five (5) credits per year. It is the policy of Central High School to not make schedule changes after the student's schedule is established, sent to parents, and teachers are assigned to classes. On May 1st, the course selections for the upcoming school year are final and students will be expected to keep courses for the entire year. Schedules will not be changed due to job requirements, extracurricular activities, failing grades, teacher preference, lunch hour preference, or if a small class size is lowered or a large class size raised.

There are some instances in which a course schedule may be changed. These include computer error, balancing class size, balancing a schedule that has two study halls in one semester by placing one in each semester, changing skill levels (honors to regular or vice versa) or repeating a failed class with the same instructor. In such cases, a Schedule Change Form must be completed and approved. Students must attend previously scheduled classes until approval is granted. No schedule additions will be approved once the student has attended a class for five (5) school days. A student's schedule may not drop below five (5) classes. Students wishing to request a schedule change should see their counselors for further information.
COMPUTER/BYOD POLICY

All students at Westosha Central High School are expected to have a laptop or netbook throughout the day. The goal of this BYOD (Bring Your Own Device) program is to incorporate technology into the curriculum to engage students in 21st century learning. Students may also have tablets or iPads with external keyboards, but should be aware there are some limitations to those devices which will require them to use a school computer. The same limitation is found with Chromebooks in accessing certain digital materials (textbook interactives) and again students would need to use library computers to complete some required tasks. Examples include certain websites that require java or flash and printing.

Students will be expected to:

- Bring devices to class every day fully charged
- Use devices for educational purposes only when in class
- Comply with Central's Acceptable Use Policy concerning all such devices
<table>
<thead>
<tr>
<th></th>
<th>Central High School Graduation Requirements</th>
<th>Admissions for MOST University of Wisconsin Schools</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>English</strong></td>
<td>4 Credits</td>
<td>4 Credits</td>
</tr>
<tr>
<td><strong>Mathematics</strong></td>
<td>3 Credits</td>
<td>Minimum 3 Credits</td>
</tr>
<tr>
<td></td>
<td>Algebra I</td>
<td>Algebra I</td>
</tr>
<tr>
<td></td>
<td>Geometry</td>
<td>Geometry</td>
</tr>
<tr>
<td></td>
<td>Algebra II or Other Math Elective</td>
<td>Algebra II</td>
</tr>
<tr>
<td><strong>Science</strong></td>
<td>3 Credits</td>
<td>Minimum 3 Credits</td>
</tr>
<tr>
<td></td>
<td>Biology</td>
<td>Biology</td>
</tr>
<tr>
<td></td>
<td>Chemistry, Physics, Foundations of Chemistry/Physics, Principles of Engineering</td>
<td>Chemistry</td>
</tr>
<tr>
<td></td>
<td>1 Science Elective</td>
<td>Physics</td>
</tr>
<tr>
<td><strong>Social Studies</strong></td>
<td>3 Credits</td>
<td>3 Credits</td>
</tr>
<tr>
<td></td>
<td>Global Studies or AP Human Geography</td>
<td></td>
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<tr>
<td></td>
<td>U.S. History or AP U.S. History</td>
<td></td>
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<tr>
<td></td>
<td>Government</td>
<td></td>
</tr>
<tr>
<td></td>
<td>.5 Elective</td>
<td></td>
</tr>
<tr>
<td><strong>Physical Education</strong></td>
<td>1.5 Credits</td>
<td></td>
</tr>
<tr>
<td><strong>Health</strong></td>
<td>.5 Credit</td>
<td></td>
</tr>
<tr>
<td><strong>World Language, Fine ARTS, Technology &amp; Engineering, Family Consumer Science, Business</strong></td>
<td>2 Credits</td>
<td>May require 2 Credits of a single World Language</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Each institution’s requirements vary. Please verify the specific entrance requirements for the schools you are interested in attending.</td>
</tr>
<tr>
<td><strong>Business Education</strong></td>
<td>.5 Credit</td>
<td>Personal Finance</td>
</tr>
<tr>
<td><strong>Electives</strong></td>
<td>6.5 Credits</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Core classes taken above requirement will count towards the 6.5 total credits</td>
<td></td>
</tr>
<tr>
<td><strong>Civics Test Requirement</strong></td>
<td>Must Meet Civics Test Requirement</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>24.0 Credits</td>
<td></td>
</tr>
</tbody>
</table>
Agriculture & Natural Resources
- Agribusiness Systems
- Animal Systems
- Environmental Service Systems
- Food products & Processing Systems
- Natural Resource Systems
- Plant Systems
- Power, Structural & Technical Systems

Education & Training
- Administration & Administrative Support
- Professional Support Services
- Teaching/Training

Finance
- Accounting
- Banking Services
- Business Finance
- Insurance
- Securities & Investment

Government & Public Administration
- Foreign Service
- Governance
- National Security
- Planning
- Public Management & Administration
- Regulation
- Revenue & Taxation

Health Services
- Biotechnology Research & Development
- Diagnostic Services
- Health Informatics
- Support Services
- Therapeutic Services

Hospitality & Tourism
- Lodging
- Recreation, Amusements & Attractions
- Restaurants & Food/Beverage Services
- Travel & Tourism

Arts, A/V Technology & Communications
- A/V Technology & Film
- Journalism & Broadcasting
- Performing Arts
- Printing Technology
- Telecommunications
- Visual Arts

Business Management & Administration
- Administrative Support
- Business Information Management
- General Management
- Human Resources Management
- Operations Management

Architecture & Construction
- Construction
- Design/Pre-Construction
- Maintenance/Operations

Arts, A/V Technology & Communications Industry Projection Report

Government & Public Service Industry Projection Report

Health Services Industry Projection Report

Hospitality & Tourism Industry Projection Report
Human Services
- Consumer Services
- Counseling & Mental Health Services
- Early Childhood Development & Services
- Family & Community Services
- Personal Care Services
Westosha Central Child Care Pathway
GTC Human Service Associate Career Pathway
Human Services Industry Projection Report

Information Technology
- Information Support & Services
- Network Systems
- Programming & Software Development
- Web & Digital Communications
GTC IT-Web Software Developer Career Pathway
GTC IT Computer Support Specialist Career Pathway
Information Technology Industry Projection Report

Law, Public Safety, Corrections & Security
- Correction Services
- Emergency & Fire Management Services
- Law Enforcement Services
- Legal Services
- Security & Protective Services
GTC Criminal Justice Academy
Law, Public Safety, Corrections & Security Industry Projection Report

Manufacturing
- Health, Safety & Environmental Assurance
- Logistics & Inventory Control
- Maintenance, Installation & Repair
- Manufacturing Production Process Development
- Production
- Quality Assurance
Westosha Central Advanced Manufacturing Pathway
Westosha Central Fashion Engineering Pathway
GTC SMART Manufacturing
GTC Electromechanical Maintenance Technician Pathway
GTC Welding Academy
GTC CNC Operator Academy
Manufacturing Industry Projection Report

Marketing
- Marketing Communications
- Marketing Management
- Marketing Research
- Merchandising
- Professional Sales
Westosha Central Marketing Pathway
Marketing Industry Projection Report

Science, Technology, Engineering & Mathematics
- Engineering & Technology
- Science & Mathematics
STEM Industry Projection Report

Transportation, Distribution & Logistics
- Facility & Mobile Equipment Maintenance
- Health, Safety & Environmental Management
- Logistics Planning & Management Services
- Sales & Service
- Transportation Operations
- Transportation Systems/Infrastructure Planning, Management & Regulation
- Warehousing & Distribution Center Operations
Transportation, Distribution & Logistics Industry Projection Report

www.careertech.org/Career-Clusters
CHS Curriculum Options Provide Variety of Opportunities for Students

Virtual Program: Our virtual program provides an opportunity for students to take all of their courses online and graduate with a Central High School District of Westosha diploma. Students participating in the virtual program are required to complete at least five virtual courses a semester. Students may take up to seven virtual courses a semester and have the option of taking up to two courses on campus. This program is only available to students living within District boundaries.

Link to Virtual Program Guide
Link to Virtual Program Application
Link to Virtual Program Parent and Student Agreement of Responsibilities

Transcripted Credit (TC): These are actual college courses, which are taught at Central. Students taking these courses earn both high school and technical college credit upon successful course completion. Transcripted courses are designated in Central’s Career Planning & Course guide available at https://www.careercruising.com/

Early College Credit (formerly Youth Options): Early College Credit is a statewide program, which allows eligible high school students in grades 9-12, to take courses through WI four year public and private colleges and earn credit toward a high school diploma and a college degree at the same time. Applications for fall semester are due on March 1st. Students interested in Early College Credit should see their counselors.

Early College Credit Application - UW Colleges
Early College Credit Application - Private Colleges
GPS: GPS Education Partners is a private business-public school partnership program designed to meet the needs of non-traditional high school learners through an integrated learning experience linking academic standards with real-world applications. It is geared toward high school juniors and seniors. The program takes 21 consecutive months to complete. Enrolled students follow the calendar of the partner business and receive breaks only when the business permits. Students spend each day at the partnership business site where they attend two hours of classroom instruction and spend six hours working in the business. Upon successful completion of the program, students receive the Central High School Diploma. Students are recommended for the program through the Central High School Student Services Team. Final selection is determined by GPS following a series of interviews. To learn more about the GPS Educational Partner Program visit http://gpsed.org.

Job Corps: Job Corps is a free, federally funded job training and education program for economically disadvantaged youth ages 16 through 24. Enrolled students live on a Job Corps center campus. Job Corps provides academic and life skills training, including the opportunity to earn a high school diploma or GED. Students also receive hands-on career training. Job Corps helps students find employment upon graduation. Interested students should see their counselors for further information.

Part Time Open Enrollment (formerly Course Options): Students enrolled in a Wisconsin public high school may apply to take up to two courses at a time at another public high school. Participating students remain enrolled in their resident school districts for the majority of their classes. For more information go to http://dpi.wi.gov/courseoptions

Advanced Placement Program: CHS offers numerous AP courses, which provide students the opportunity to learn at a higher level and dive in depth into each subject. With qualifying AP Exam grades, students can earn credit, placement, or both at more than 90 percent of colleges and universities in the United States and Canada. For more information visit:

https://apstudent.collegeboard.org/home and see Central's Career Planning & Course Guide.
**Adult High School:** The Adult High School Program at Gateway is available for students who are at least 17 years of age and meet the Wisconsin State definition of a Student at Risk. The Adult High School Diploma requires 17 credits and courses are offered during the day and evening. Students must maintain passing grades and regular attendance to continue the contract for this program. Please see your counselor for more information.

**Vanguard Distance Learning:** Students attend courses offered through Gateway in a video conference setting in Central's Distance Learning Lab. Students are able to communicate real-time with the course instructor and students from other locations. Students taking these courses earn both high school and Gateway college credit.

**APEX:** APEX is a comprehensive, online digital curriculum that delivers standards-based interactive courses and integrated assessment. APEX provides an alternative to learning in the traditional classroom setting. It gives students a unique opportunity to repeat failed courses, compensate for credit deficiencies, and/or take Advanced Placement and other courses not offered by Central. Counselors can provide additional info.

**Blended Classes:** A blended class is comprised of a combination of face-to-face/video and online instruction. The frequency of face-to-face meetings varies from course to course. All assignments and course information are available online. Blended courses provide greater flexibility in scheduling and the opportunity to take courses not currently offered within the traditional school day or curriculum.

**Start College Now (formerly Youth Options):** Start College Now is a statewide program that allows eligible high school juniors and seniors to take Technical College courses and earn credit toward a high school diploma and a college degree at the same time. Applications for the fall semester are due on March 1st. Students interested in Start College Now should see their counselors.
**Trouvaille Academy:** Central High School partners with Wilmot Union High School to provide a learning alternative for students who are not experiencing success in the traditional high school setting. The Trouvaille Academy is an off-site academic program for students of all grades (9-12). Students enrolled in this program work toward the 24 credit Central High School Diploma through a curriculum that includes direct and online digital instruction (APEX). Final selection to the Trouvaille Academy is made by the Central High School Student Services Team.

**Work Experience:** Central offers a work experience program through the Business and Marketing Department. Students participating in the program earn a .5 credit per semester. Students enrolled are eligible for early release to go to a school-approved job.

**Youth Apprenticeship, Industry Certifications, and Certified Co-Ops:** Many Central courses provide opportunities for students to earn industry certification and/or participate in an internship, Youth Apprenticeship, or a certified Co-Op. See individual course descriptions or a counselor for additional information.

*Please contact your child’s high school counselor or Central’s curriculum director for more information regarding these programs.*
"The best indicator of college and workplace success is the rigor of a student's high school courses." ---U.S. Department of Education's Office of Educational Research

What is the AP Program?

The Advanced Placement Program (AP) is a collaborative effort between motivated students, dedicated teachers, and committed high schools, colleges, and universities. Since its inception in 1955, the Program has allowed millions of students to take college-level courses and exams, and to earn college credit or placement while still in high school. Most colleges and universities in the U.S., as well as colleges and universities in 21 other countries, have an AP policy granting incoming students' credit, placement, or both on the basis of their AP Exam grades. Many of these institutions grant up to a full year of college credit (sophomore standing) to students who earn a sufficient number of qualifying AP grades.

AP Courses

Thirty-six AP courses in a wide variety of subject areas are currently available. Developed by a committee of college faculty and AP teachers, each AP course covers the breadth of information, skills, and assignments found in the corresponding college course. Each AP course has a corresponding exam that participating schools worldwide administer in May. Except for Studio Art, which is a portfolio assessment, AP Exams contain multiple-choice questions and a free-response section (either essay or problem-solving). AP Exams represent the culmination of AP courses, and are thus an integral part of the Program. As a result, many schools foster the expectation that students who enroll in an AP course will go on to take the corresponding AP Exam. Because the College Board is committed to providing home-schooled students and students whose schools do not offer AP access to the AP Exams, it does not require students to take an AP course prior to taking an AP Exam.

What AP Courses Are Available at Central High School?

Please refer to the appropriate content sections of this catalog for course descriptions.

- Biology
- Calculus AB
- Calculus BC
- Chemistry
- Computer Science Principles
- English Language and Composition
- English Literature and Composition
- Environmental Science
- French Language & Culture
- German Language & Culture
- Human Geography
- Macroeconomics
- Microeconomics
- Physics (Mechanics)
- Psychology
For a list of all available courses please visit [https://apstudents.collegeboard.org/course-index-page](https://apstudents.collegeboard.org/course-index-page). Any student interested in taking an AP course not offered at Central High School should see his/her guidance counselor. Arrangements can be made to take the course online.

**Who Can Enroll?**

Any student can take an AP course as long as he/she meets the course prerequisites. Since AP courses provide challenging college-level content and involve a considerable amount of work outside of the school day, students must possess a true desire to learn and a commitment and willingness to work hard.

**How Many AP Courses Can a Student Take?**

Central High School does not limit the number of AP courses a student may take. Students are urged to plan their course load with the consideration that AP courses are academically challenging and require a greater time commitment.

**Drop Policy**

Enrollment in AP courses should be done with serious commitment. Thus, students are discouraged from dropping AP courses. Students are encouraged to talk with their AP teacher before requesting to drop a course. August 1st is the deadline for dropping an AP course.

**EARLY COLLEGE CREDIT (ECC)**

Early College Credit is a statewide program, which allows eligible high school students in grades 9-12, to take courses through WI four-year public and private colleges and earn credit toward a high school diploma and a college degree at the same time. Applications for summer and fall semesters are due on March 1st. Applications for spring semester are due October 1st. Students interested in Early College Credit should see their counselors.

[Use This Link For ECC Application For UW Colleges](https://apstudents.collegeboard.org/course-index-page)

[Use This Link For The ECC Application For Private Colleges](https://apstudents.collegeboard.org/course-index-page)

**GATEWAY JUMP START NURSING PROGRAM**

Central High School students have an opportunity to earn 26 credits in the Gateway Nursing program at NO COST while they're still in high school. See the full Jump Start flyer in this Career Planning & Course Guide or your counselor for details.
RETROACTIVE CREDITS IN COLLEGE

Students taking World Language courses in high school have an opportunity to earn Retroactive Credits in College. See World Language teachers for more information.

START COLLEGE NOW

Start College Now is a statewide program that allows eligible high school juniors and seniors to take Technical College courses and earn credit toward a high school diploma and a college degree at the same time. Applications for the fall semester are due on March 1 while applications for spring are due October 1. Students interested in Start College Now should see their counselors.

Use This Link For The Start College Now Application

TRANSCRIPTED COURSES

Central High School offers many courses that are Transcripted with Gateway or some other college. Students taking a Transcripted course may earn college credit. Transcripted Credit courses are actual technical college courses taught at the high school. Students taking a transcripted course and meeting successful completion requirements will be awarded both high school credit and college credit. Transcripted Credit courses are noted in the individual course offering area of this guide using the affiliated college logo as an identifier.

VANGUARD DISTANCE LEARNING

Students attend courses offered through Gateway in a video conference setting in Central's Distance Learning Lab. Students are able to communicate real-time with the course instructor and students from other locations. Students taking Gateway courses earn college credit. See our course guide for available courses. Grades earned through Vanguard Distance Learning courses will be reflected on high school transcripts but will not factor into a student's high school grade point average.
CERTIFIED CO-OPS

- Child Care: Health, Safety & Nutrition
- Culinary II & III (ProStart Curriculum) - Combined with Career Co-op

INDUSTRY CERTIFICATION

Students are able to earn workforce certification through a number of Central courses. See course descriptions in this guide for more information.

- Advanced Marketing (Business)
- Adobe
- CISCO (Technology & Engineering)
- CNA (Certified Nursing Assistant) Certification [Gateway Technical College program offered through CHS]
- ProStart (Culinary Arts curriculum developed by the National Restaurant Association) (FACS)
- Employability Skills Certificate (Business)
- Food Service Skills Certificate
- Microsoft
- MOS Certification
- NIMS — National Institute for Metalworking Skills (Technology & Engineering)
- SolidWorks Certification (Technology & Engineering)
- Wisconsin Child Care Teacher Certification (FACS)
- Wisconsin Assistant Child Care Teacher Certification (FACS)
- Wisconsin Infant/Toddler Child Care Certification (FACS)
- Woodwork Career Alliance Certification
- Youth Apprenticeship

INTERNSHIP PROGRAM

Credits: .5 per semester

The Internship Program provides students with occupational and hands-on work experience designed around a course sequence that provides students an opportunity to begin preparing for a career while still in high school. Students that participate in an internship placement are required to take concurrent coursework that connects to the program area of their internship.

Internships may be internal or external to Central. Listed below are required components to a successful completion of the Internship program:

- Students are responsible for finding employment for external internships
- School Store (Falcons Nest) Internship requires concurrent enrollment in Advanced Marketing
- Employer verification of required work hours as designated per Internship
- Successful completion of program area courses
- Completion of career related skills checklist by employer

Students interested in an external internship should see their counselor or Mrs. Netzer-Jensen.
WORK EXPERIENCE
Credits: .5 semester
Laude Points: 1.0 per semester

Central High School offers a work experience program through the Business Education department. Students participating in the program earn .5 credits per semester. The classroom portion of this program is offered only on-line. Students enrolled are eligible for early release to go to a school approved job.

To participate in this program, students must meet the following eligibility requirements:

- Achieve Junior or Senior status
- Have no failing grades during the current school year
- Take and pass the Employability Skills class (APEX does not meet this requirement)
- Secure and maintain employment
- Agree to have their employment supervised at the employment site by the School-to-Work Coordinator

This program is limited to 25 students per semester. Students taking Work Experience first semester must reapply if they wish to continue in the program second semester.

YOUTH APPRENTICESHIP
Credits: 2.0 (For full year work placement)
Laude Points: 4.0 (For full year)

The Youth Apprenticeship program provides students with occupational and hands-on work experience to positively impact the communities’ future workforce. The program is designed around a course sequence that provides students an opportunity to begin preparing for a career while still in high school. Students that participate in a Youth Apprenticeship placement are required to take concurrent coursework that connects to the program area of their apprenticeship. Youth Apprenticeships are operated under guidelines established by the Wisconsin Department of Workforce Development (DWD). Listed below are required components to a successful completion of a Youth Apprenticeship placement:

- Students are responsible for finding employment
- Successful completion of required 450 work hours
- Successful completion of program area courses
- Completion of DWD Competency Checklist by their employer

Visit this link for additional information Youth Apprenticeship.
Students can choose to complete a Youth Apprenticeship placement in one of the following programs:

- Agriculture, Food & Natural Resources
- Architecture and Construction
- Arts, M/ Technology and Communications
- Finance
- Health Science
- Hospitality, Lodging and Tourism
- Information Technology
- Manufacturing
- Marketing
- STEM (Science, Technology, Engineering and Math)
- Transportation, Distribution & Logistics

For more information, please visit Wisconsin Youth Apprenticeship Students interested in a Youth Apprenticeship should see their counselor or the director of curriculum.
COMMUNITY SERVICE CREDIT

Credit: .5  Grade: 9, 10, 11, 12

Prereq: Must meet eligibility criteria and have approval (see counselor)

Students can receive .5 credits for Community Service of over seventy (70) hours. Community Service is defined as volunteer work (work without pay) completed that benefits the community as a whole or a certain population of the community. The hours can be completed over four years at Central High School. Students must be preapproved for this program by the School-to-Career Coordinator. The credit for this course will not be factored into a student's GPA.

FRESHMAN MENTORING PROGRAM (FMP)

Credit: .25 (per semester)  Grade: 10, 11, 12

Prereq: Must meet eligibility criteria and have Teacher recommendation

Upperclassmen can receive a .25 credit for serving as a mentor for the Freshman Mentoring Program. FMP mentors work closely with 9th graders to ease their transition to high school. Mentors:

- Serve as big brothers and sisters to 9th graders
- Welcome freshmen to CHS and facilitate a portion of Freshman Only Day
- Provide orientation
- Lead FMP activities and lessons during daily advisories
- Serve as tutors
- Work with the FMP coordinator and advisors to plan and facilitate the program
- Help with 8th Grade Orientation
- Serve as role models

FMP mentors participate in leadership training in August and periodically throughout the school year. Students must go through an application process to become a mentor. The grade for this course will not be factored into a student's GPA.

LIBRARY/AVC AIDE

Credit: .25 (per semester)  Grade: 11, 12

Prereq: Must meet eligibility criteria and have Librarian recommendation

Library/AVC Aide courses offer students the opportunity to work in the library or media center. Duties may include collecting, distributing, and categorizing materials; operating audiovisual equipment; assisting students and teachers; and performing clerical duties. Students typically gain experience in library science and/or media and audiovisual technology. The grade for this course will not be factored into a student's GPA.
OFFICE AIDE
Credit: .25 (per semester) Grade: 11, 12
Prereq: Must meet eligibility criteria and have Supervisor recommendation

Office Aide courses provide students with the opportunity to work in campus offices, developing skills related to clerical office work. Duties may include word processing, filing, record-keeping, receiving visitors, answering the telephone, and copying, among others. Students will develop appropriate work attitudes, human relations skills, and proper office procedures. The grade for this course will not be factored into a student's GPA.

PROFICIENCY TESTING FOR COURSE CREDIT

A student may request the opportunity to earn credit through the demonstration of proficiency for qualifying courses. Central has guidelines in place (see Administrative Guideline 5460C - Proficiency Testing for Course Credit) regarding this opportunity. Students requesting the opportunity must:

• Submit the request for a first semester course by March 1st of the previous semester and by October 1st for a semester 2 course. Requests are submitted to the director of curriculum. Exceptions will be allowed for newly enrolled students unable to meet these deadlines
• Fulfill the requirements for demonstrating proficiency according to the timeline established by the department
• Demonstrate proficiency at a B- level (80%) or higher on the overall assessment

If a student passes the proficiency assessment(s), credit will be awarded. The transcript will reflect a "Pas" for pass and credit for the course. The grade will NOT be factored into the student's G.P.A.

Guidelines For Course Proficiency Credit
Courses Eligible For Proficiency Credit
Student Request For Proficiency Credit Form

For complete information regarding Proficiency Testing for Course Credit, please see the Director of Curriculum.

STUDENT SERVICES AIDE
Credit: .25 (per semester) Grade: 11, 12
Prereq: Must meet eligibility criteria and have Guidance Dept. recommendation

Guidance Aide courses provide students with the opportunity to work in campus guidance office. Duties may include word-processing, filing, record-keeping, assisting students, and acting as guides to new students. Students will develop appropriate work attitudes, human relations, and proper office procedures. The grade for this course will not be factored into a student's GPA.
TEACHER AIDE
Credit: .25 (per semester) Grade: 11, 12
Prereq: Must meet eligibility criteria and have Teacher recommendation

As a Teacher Aide students are given the opportunity to assist instructors in preparing, organizing, or delivering course curriculum. Students may provide tutorial or instructional assistance to other students. The grade for this course will not be factored into a student's GPA.

TUTORING PRACTICUM
Credit: .5 (per semester) Grade: 11, 12
Prereq: Must meet eligibility criteria and have Teacher recommendation

Students can receive a .5 credit per semester for offering tutorial assistance to peers or younger students. Students enrolled in Tutoring Practicum participate in training to learn how to work with others and how to make use of available resources. Student tutors are assigned to a specific course or department to work with students who need academic assistance. The grade for this course will not be factored into a student's GPA.
ACADEMIC RESOURCE CENTER (ARC)

Students at risk of failure may be assigned to ARC for a period of one or more semesters. ARC provides students with the opportunity to make-up missed assignments; team organizational skills; work on current assignments in a structured, supportive environment; receive individualized help; and develop study skills for independent learning.

CORRECTIVE READING INTERVENTION STRATEGIES (CRIS)

CRIS is a class for students in need of additional instruction in the area of reading. It offers diagnostic and remedial activities designed to correct reading difficulties and habits that interfere with students' progress in developing reading skills and understanding. The activities chosen will focus on fluency, comprehension, reading technique, study skills, and general literacy skills. Students will work with a Reading Specialist to receive individualized instruction based on their needs in a small group setting, 50-120 minutes per week. When not working with the Reading Specialist, students will be in a structured study hall setting, where they will get support completing other academic activities or continuing to practice their literacy skills. Students may earn .5 credit per semester in CRIS.

GUIDED STUDY HALL

Guided Study Hall provides students with the opportunity to study and work on assignments in a structured, supportive environment and receive individualized help. Students struggling academically and/or performing below expected levels may be assigned to Guided Study Hall on a semester basis as part of Central's Response to Intervention. Students may also request to be placed in a Guided Study Hall.

LITERACY/TESTING CENTER

The purpose of the Literacy Testing Center is to provide students with support and individualized help in the areas of writing across all content areas. Students may be assigned to the Literacy Testing Center on a semester basis, or teachers may assign students on a daily basis as needed. Students may additionally go to the Center on a voluntary basis, but they must get a Center Admittance Form from a teacher to do so. Teachers may also assign students to the Literacy/Testing Center as needed for test taking.

MATH CENTER

The purpose of the Math Center is to provide students with support and individualized help in all areas of mathematics. Students may be assigned to the Math Center on a semester basis, or teachers may assign students to the Math Center on a daily basis as needed. Students may additionally go to the Math Center voluntarily, but they must get a Center Admittance Form from a teacher to do so.

PERSONALIZED EDUCATION PLAN (PEP)

Personalized Educational Plans are recommended for students who continue to struggle academically regardless of other interventions. The Student Services Team, students, and parents will meet to help the student establish academic goals and to develop a plan to best meet the student's specific needs.
TEACHER INTERVENTIONS

Teachers in all content areas continuously monitor student progress and offer numerous forms of academic assistance. Students are expected to take responsibility for their own learning by actively participating in classes, completing assignments on time, and asking for clarification or help when needed.
PRIVILEGE RELEASE OPPORTUNITY

High school juniors and seniors who have demonstrated a high level of maturity and responsibility may choose where they spend time during a study hall. Students may only report to designated areas (library, cafetorium, resource center, or a teacher's-classroom with permission). Students who have privilege release may come to school late or leave early depending on the number of periods granted. Students are not allowed to leave campus and return should their open period be between required classes.

- Juniors – Can be granted 1 period starting 2nd semester
- Seniors – Can be granted 1 period each semester

Privilege release is awarded to juniors and seniors who complete the appropriate application process for the privilege and meet the following criteria:

- Have enough credits to graduate on time with their class — earning the 24-credit diploma
- Have a 3.25 GPA or above and no F’s on the previous semester's report card
- Have no ISS or OSS; students receiving an OSS will result in immediate removal
- Have good conduct as determined by the administration
- Have no unexcused absences from the previous semester
- Have 90% attendance

Privilege release can be revoked at any time for chronic tardiness, truancy, ISS or OSS, or poor conduct as determined by the administration.
The purpose of the Laude System is to recognize students for the rigor of their academic program as well as their success in that program. (See [www.westosha.k12.wi.us](http://www.westosha.k12.wi.us) for more information)

| Award Levels | There are three levels of awards:  
| | • Summa Cum Laude  
| | • Magna Cum Laude  
| | • Cum Laude |

| Minimum GPA | To be considered for a Laude award, a student must have a cumulative GPA of 3.4 (no rounding) at the end of 1st semester senior year. |

| Laude Score | A student's Laude score will be determined by multiplying the student's cumulative GPA by the total number of Laude Points earned by the end of the 7th semester, which is first semester senior year. Laude Points are awarded for each Laude recognized semester course completed with an academic grade of B- or better.  
| | **Laude Score = GPA x Laude Points** |

| Laude Points | 1.5 Laude Points will be awarded for every .5 Advanced Placement credit earned with a grade of B- or better. **Beginning with courses taken in Fall 2017**  
| | For all other Laude courses, 1 Laude Point will be awarded for every .5 credit earned with a grade of B- or better. |

| Laude Courses | To determine if a course is eligible for Laude Points see its course description or the Course Listing in the Career and Course Guide. **Please note** that while we try to keep our course descriptions current, Laude courses may change yearly due to post-secondary articulation agreements and other factors. Students should see their counselors for the most accurate information. |

| Score Breaks | There will be no rounding of Laude Scores.  
| | • 100+ for Summa Cum Laude  
| | • 75+ for Magna Cum Laude  
| | • 25+ for Cum Laude  
| | There may be some students who will need to be considered on a case-by-case basis, such as students who take a semester or year abroad or graduate early. |

| Examples | Minimum combinations for Cum Laude recognition  
| | • 3.4 GPA and 8 semesters of Laude coursework  
| | • 3.75 GPA and 7 semesters of Laude coursework  
| | • 4.0 GPA and 7 semesters of Laude coursework  

Minimum combinations for Magna Cum Laude recognition  
| | • 3.4 GPA and 23 semesters of Laude coursework  
| | • 3.75 GPA and 20 semesters of Laude coursework  
| | • 4.0 GPA and 19 semesters of Laude coursework  

Minimum combinations for Summa Cum Laude recognitions  
| | • 3.4 GPA and 30 semesters of Laude coursework  
| | • 3.75 GPA and 27 semesters of Laude coursework  
<p>| | • 4.0 GPA and 25 semesters of Laude coursework |</p>
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<tr>
<th>Criteria for Laude Recognition</th>
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<tbody>
<tr>
<td>• Honors Advanced</td>
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<tr>
<td>• Advanced Placement</td>
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<tr>
<td>• Early College Credit</td>
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<td>• Start College Now</td>
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<tr>
<td>• Transcripted Credit</td>
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<td>• GTC Distance Learning (DLL)</td>
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<td>• Other Dual Credit Courses</td>
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<td>• Youth Apprenticeship</td>
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<td>• Courses Leading to Workforce Certification</td>
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<td>• Study Abroad</td>
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<td>• Approved Transfer Credits</td>
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<td>• Others as Determined</td>
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<tr>
<td>Unique situations will be considered on an individual basis and determined by the rigor of the coursework. <strong>Requests for consideration of Laude credit must be submitted by March 1</strong></td>
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<tr>
<td>GPA = 3.761</td>
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<td>Calculation: $3.761 \times 33 = 124.11$ Summa Cum Laude</td>
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# Course Listing

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ACCOUNTING 545

Accounting is known as the "language of business" and is strongly recommended for students planning on pursuing business degrees in college as well as students interested in management or ownership of businesses. This course provides an understanding of the basic elements and concepts of the double-entry accounting system. Students will use the accounting cycle to participate in a Monopoly Tournament as well as complete a manual business simulation. Careers in accounting, finance, and management will be explored through discussion and guest speakers. Students are required to purchase a workbook at registration.

COURSE NOTE: May require additional fees for field trips.

CREDIT: 0.5  TYPE: Regular  GRADE: 9-12

ACCOUNTING PRINCIPLES A 566A

Accounting Principles is a full year course that is transcribed through Gateway Technical College. This course will be taught with Gateway's curriculum and will address the fundamental concept of the accounting process including financial statement preparation, journal entries, posting, adjusting and closing entries. Payroll, notes and interest and depreciation methods will also be covered.

CREDIT: 0.5  TYPE: Gateway Transcribed/Laude  GRADE: 10-12

COREQUISITES: If you take this course, you must also take 566B – ACCOUNTING PRINCIPLES B

ACCOUNTING PRINCIPLES B 566B

Accounting Principles is a full year course that is transcribed through Gateway Technical College. This course will be taught with Gateway's curriculum and will address the fundamental concepts of the accounting process including financial statements preparation, journal entries, posting, adjusting and closing entries. Payroll, notes and interest and depreciation methods will also be covered.

CREDIT: 0.5  TYPE: Gateway Transcribed/Laude  GRADE: 10-12

PREREQUISITE: Accounting

COREQUISITES: If you take this course, you must also take 566A - ACCOUNTING PRINCIPLES A
Forensic Accounting will teach students how to identify, detect, investigate, and prevent financial fraud. Students will study and gain a strong understanding of the types of fraud and nature of fraud investigation today with current business examples and numerous actual fraud cases. This course will provide students with the critical thinking skills needed for forensic analysis. Students will also learn about e-business fraud and how technology can be used most effectively to detect fraud. This course is the next step for students to take in the finance career path.

**CREDIT**: 0.5  
**TYPE**: Gateway Transcripted/Laude (Pending Approval)  
**GRADE**: 10-12  
**PREREQUISITE**: Accounting

Introduction to Business and Marketing is an area of study that provides students with the knowledge and skills needed in marketing, business, and related occupations. The program area provides individuals with the principles, practices, and concepts involved in business activities, which direct the transfer of goods and the acquisition of services from the producer to the consumer. Students also gain the professional or skilled knowledge and skills necessary in beginning a career in the marketing, business, and management fields. Students will utilize problem-solving techniques and participate in hands-on activities to develop an understanding of course concepts. Students will be provided with real world learning opportunities and instruction related to selection, development, and maintenance of individual business and marketing education programs. Students are encouraged to become active members of FBLA and DECA; national student organizations in business or marketing education.

**CREDIT**: 0.5  
**TYPE**: Regular  
**GRADE**: 9-11

Marketing is a hands-on business class that gives students a foundation to be successful in today's business industry. Marketing is virtually in every industry and makes the world go around. Energetic and creative people are in demand by many of today's corporations and small businesses. Course work includes the study of the marketing mix, economic systems, and the functions of marketing including, selling, product/service management, and pricing. The course will be supplemented with case studies, guest speakers, and creative/critical thinking projects. Students are encouraged to become active members of FBLA and DECA; national student organizations in business or marketing education.

**CREDIT**: 0.5  
**TYPE**: Regular  
**GRADE**: 9-12
ADVANCED MARKETING B 529B

Advanced Marketing is a capstone class for the student who is seriously considering a career in the field of marketing or business. Students who take the course will study the functions of marketing in depth. In the fall semester, students will be focusing on Promotion, Market Research, and implementing solutions with businesses in the local community. In the spring semester, students will delve into Ethics, Visual Merchandising, Distribution, and have a chance to follow their marketing passions in a self-directed study. Students will also study the character traits necessary to become successful, personally and professionally, as they apply to areas of management.

COURSE NOTE: If you take this course, it is encouraged to take 602 -School Store Internship B
CREDIT: 0.5 TYPE: Gateway Transcripted/Laude GRADE: 11-12
PREREQUISITE: Marketing with a "C" or better and/or teacher approval.
COREQUISITES: If you take this course, you must also take 529A -ADVANCED MARKETING A

ADVANCED MARKETING A 529A

Advanced Marketing is a capstone class for the student who is seriously considering a career in the field of marketing or business. Students who take the course will study the functions of marketing in depth. In the fall semester, students will be focusing on Promotion, Market Research, and implementing solutions with businesses in the local community. In the spring semester, students will delve into Ethics, Visual Merchandising, Distribution, and have a chance to follow their marketing passions in a self-directed study. Students will also study the character traits necessary to become successful, personally and professionally, as they apply to areas of management.

COURSE NOTE: If you take this course, it is encouraged to take 602A - SCHOOL STORE INTERNSHIP A
CREDIT: 0.5 TYPE: Gateway Transcripted/Laude GRADE: 11-12
PREREQUISITE: Marketing with a "C" or better and/or teacher approval.
COREQUISITES: If you take this course, you must also take 529B -ADVANCED MARKETING B
SPORTS & ENTERTAINMENT MARKETING 556

Sports and Entertainment Marketing is a unique course that is designed for students who have an interest in the world of sports as well as careers relating to the television, movie, gaming and music industries. The areas of study include event promotion, sponsorship, development and sales, event management, and the basic functions of marketing as they apply to the sporting and entertainment industries. Course work is divided between classroom instruction on the appropriate content areas and planning, organizing, implementing and evaluating an event or project. Students also have the opportunity to create their own NFL franchise including a marketing plan, branding, and sponsorships. Students are encouraged to become active members of FBLA and DECA; national student organizations in business or marketing education.

CREDIT: 0.5  TYPE: Gateway Transcripted/Laude  GRADE: 10-12

PREREQUISITE: 528 - Marketing

ADVANCED SPORTS & ENTERTAINMENT MARKETING 559

Advanced Sports & Entertainment Marketing is for students who have a very strong interest in sports and entertainment marketing. Course work is divided between classroom instruction in content areas in planning, organizing, implementing and evaluating an event or project. Areas of study include event promotion, sponsorship, development and sales, event management and the basic functions of marketing as they apply to the sport and entertainment industries. A portion of the learning opportunities may occur outside of the classroom and traditional day. Students are encouraged to become active members of FBLA and DECA; national student organizations in business or marketing education.

CREDIT: 0.5  TYPE: Regular  GRADE: 10-12

PREREQUISITE: Marketing and Sports & Entertainment Marketing

BUSINESS & PERSONAL LAW 531

Business & Personal Law is a one-semester course that involves the application of legal practices into the individual's personal life. The course discusses lawmaking, how to settle disputes, civil and criminal law, contracts, and our court system. The class uses real-life examples to relate to many of the class discussions. During the semester we also take a field trip to the Milwaukee County Courthouse to view court proceedings, learn of the different divisions and meet judges. Students will have multiple opportunities to participate in civil and criminal mock trials. The class will help give students knowledge to apply to their life after high school.

CREDIT: 0.5  TYPE: Regular  GRADE: 9-12
EMERGING TECHNOLOGIES 563

Emerging Technologies is a course for students to explore technologies that will benefit them in the other courses and in the workplace. Activities such as blogs, wikis, podcasts, eBooks, YouTube videos, simulations, virtual worlds, and wireless and mobile computing are generating waves of new opportunities in higher education, K-12 schools, corporate training, and other learning environments. Students will use a variety of technologies within a design process to identify and solve problems by creating new, useful or imaginative solutions. This course will change year to year as new technologies emerge.

CREDIT: 0.5  TYPE: Regular  GRADE: 9-12

MICROSOFT ACADEMY 534

Computer Applications allows students to get MICROSOFT CERTIFIED! Add that to your resume and put yourself at the top of the stack! Virtually all students have some familiarity with Google Docs or Microsoft Word. "However, individuals who carry out mail merges, format documents expertly and execute other complex functions are most highly recruited." careertoolbelt.com (2017)

Through hands-on practice, students will learn how to manage files, apply higher learning using MS Word (word processing), MS Excel (spreadsheets) and MS PowerPoint (presentation) software. These are the computer skills that WILL GET YOU HIRED!

CREDIT: 0.5  TYPE: Gateway Transcripted/Laude  GRADE: 9-12

WEB DESIGN & SOCIAL MEDIA 561

Web Design & Social Media is designed for those who want to learn the design, creation, and maintenance of websites, search engine optimization, social media and blogging. The course is strictly set up and run like a real business so students get hands on experience in all aspects of the business entity. Students become the webmasters in helping to create and maintain Central High School's website, app and social media pose. The course progresses from maintaining the CHS website, learning web design tools, hands-on approaches to uploading their websites to the World Wide Web using FTP, to culminating projects in which students design and develop websites for local community organizations and affiliate websites. Search Engine Optimization is a focus throughout this course in getting students the knowledge on how to market their websites once they are up on the web. A variety of social media lessons and platforms are introduced to ensure students understand how social media and be used as a productive marketing tool. Students will have the opportunity to put web design and social media together in creating a website and a social media campaign for a local business. Students in the course will benefit and understand why businesses today are using sophisticated web pages and social media account to market their company. Students will also learn the types of careers that are available to become a successful Web Designer/Social Media Specialist and learn the proper business etiquette techniques to develop a marketable webpage.

CREDIT: 0.5  TYPE: Regular  GRADE: 9-12
EMPLOYABILITY SKILLS

Employability Skills provides the opportunity to develop skills needed to obtain and maintain employment. Course content includes understanding of self and others, communicating with others, experiencing career satisfaction, and dealing with change. Online tools are used to assist students in career decision-making, along with interest inventories and aptitude tests. Students will create employment portfolios, which include reference sheet, resume, letter of application, application forms, and a letter of recommendation. They will also participate in a mock interview.

CREDIT: 0.5  TYPE: Regular  GRADE: 10-12

PERSONAL FINANCE

Personal Finance is a graduation requirement which provides students with the knowledge and skills they need to explore their financial future while making life-long decisions. Students will gain an understanding of financial services, budgeting, credit cards, loans, investing, retirement, insurance and taxes. Curriculum will be enhanced through various guest speakers and simulations. Participation in MyLIFE is also required.

CREDIT: 0.5  TYPE: Gateway Transcripted/Laude (Pending Approval)  GRADE: 11-12

MANAGEMENT & ENTREPRENEURSHIP

Management & Entrepreneurship enables students to develop an understanding of business operations and the skills necessary to become entrepreneurs. Students explore career, marketing, management, financial, and legal requirements to own and operate a small business. Students will have the opportunity to have a key management role in a small business during the Ice Cream Project. Students create their own businesses by choosing a business idea that is developed into a business plan throughout the semester.

COURSE NOTE: Must take either Accounting, Intro to Business & Marketing, or Marketing

CREDIT: 0.5  TYPE: Regular  GRADE: 10-12

PREREQUISITE: Accounting, Intro to Business & Marketing, OR Marketing
Central High School offers a .5 credit per semester work experience program through the Business Education department. The classroom portion of this program will only be offered online. This is a work release program. Students enrolled in the program will be eligible for early release to go to a school approved job. Students will complete the requirements to earn Wisconsin Employability Skills Certification.

To participate in this program, students must meet the following eligibility requirements:

- Current 2.0 GPA or higher and maintain a 2.0 GPA or higher while in the program
- Achieve Junior or Senior status
- Have no failing grades during the current school year
- Take and pass the Employability Skills class (APEX does not meet this requirement)
- Secure and maintain employment with one employer
- Agree to have their employment supervised at the employment site by the School-to-Work Coordinator
- Students enrolled in the Work Experience program will be expected to:
  - Complete an application and interview with the School-to-Work Coordinator prior to enrollment in the Work Experience program.
  - Work an average of 15 hours per week with one employer. Weekly work reports need to be completed to verify that this requirement is being met. Failure to do so may result in termination from the program.

Students taking this class first semester must reapply if they wish to continue second semester.

**CREDIT:** 0.5  
**TYPE:** Laude  
**GRADE:** 11-12  
**PREREQUISITE:** Employability Skills (can be taken during the same semester as Work Experience)
WORK EXPERIENCE B

Central High School offers a .5 credit per semester work experience program through the Business Education department. The classroom portion of this program will only be offered online. This is a work release program. Students enrolled in the program will be eligible for early release to go to a school approved job. Students will complete the requirements to earn Wisconsin Employability Skills Certification.

To participate in this program, students must meet the following eligibility requirements:

- Have a 2.0 GPA
- Achieve Junior or Senior status
- Have no failing grades during the current school year
- Take and pass the Employability Skills class (APD does not meet this requirement)
- Secure and maintain employment
- Agree to have their employment supervised at the employment site by the School-to-Work Coordinator
- Students enrolled in the Work Experience program will be expected to:
  - Complete an application and interview with the School-to-Work Coordinator prior to enrollment in the Work Experience program.
  - Work an average of 15 hours per week. Weekly work reports need to be completed to verify that this requirement is being met. Failure to do so may result in termination from the program.
  - Maintain a 2.0 grade point average and have no failing grades in any class.

Students taking this class first semester must reapply if they wish to continue second semester.

CREDIT: 0.5   TYPE: Laude   GRADE: 11-12

PREREQUISITE: Must take Employability Skills (can be taken during the same semester as Work Experience)

SCHOOL STORE INTERNSHIP A

Students will work in the school store completing various assigned duties in running a successful business through merchandising, ordering, marketing, budgeting, scheduling, managing, etc. The student will be scheduled three to five hours per week before school, during lunch, and also after school hours. Students will gain valuable work experience while experimenting in the entrepreneurial, retail and management industries. (May be taken for more than one semester)

CREDIT: 0.5   TYPE: Laude   GRADE: 11-12

PREREQUISITE: Marketing with a "C" or better and an application/interview for acceptance. Must also be enrolled in Advanced Marketing
SCHOOL STORE INTERNSHIP B 602B

Students will work in the school store completing various assigned duties in running a successful business through merchandising, ordering, marketing, budgeting, scheduling, managing, etc. The student will be scheduled three to five hours per week before school, during lunch, and also after school hours. Students will gain valuable work experience while experimenting in the entrepreneurial, retail and management industries. (May be taken for more than one semester)

CREDIT: 0.5 TYPE: Laude GRADE: 11-12

PREREQUISITE: Marketing with a "C" or better and an application/interview for acceptance. Must also be enrolled in Advanced Marketing.

FALCON FINANCIAL INTERNSHIP 603

The Falcon Financial Internship will provide students in the finance track of the business department an opportunity to put their accounting skills to use. Students enrolled in this course will work closely with Central High School’s School-Based Enterprise, the Falcon’s Nest, to help complete all necessary financial actions including forecasting, budgeting, analyzing, and more! Students will also get real world experience by collaborating with local businesses on special projects.

CREDIT: 0.5 TYPE: Laude GRADE: 11-12

PREREQUISITE: Accounting and Accounting Principles or concurrent enrollment

COURSE NOTE: Forensic Accounting is not required, but is strongly encouraged.
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<td>1112A</td>
<td>English 9 is a yearlong course that emphasizes reading comprehension of literature and informational texts, the process of writing creative and expository essays, vocabulary strategies, grammar concepts, poetic and literary devices, and 21st century literary skills. These activities will occur in four thematic based units: Suspense, The Hero's Quest, Love &amp; Hate, and Discovering the World.</td>
<td>0.5</td>
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<td><strong>ENGLISH 9 B</strong></td>
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<td>English 9 is a yearlong course that emphasizes reading comprehension of literature and informational texts, the process of writing creative and expository essays, vocabulary strategies, grammar concept, poetic and literary devices, and 21st century literary skills. These activities will occur in four thematic based units: Suspense, The Hero's Quest, Love &amp; Hate, and Discovering the World.</td>
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<tr>
<td><strong>ENGLISH 9 HONORS A</strong></td>
<td>1111A</td>
<td>English 9 Honors students will follow the curriculum stated for English 9, but texts for this course will increase in both number and challenge. Students will require excellent study habits in order to meet the challenges of the rigorous work. Students who choose to take this course should feel confident and prepared in their reading and writing skills learned in middle school to take on this challenge.</td>
<td>0.5</td>
<td>Honors/Laude</td>
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ENGLISH 9 HONORS B  1111B

English 9 Honors students will follow the curriculum stated for English 9, but texts for this course will increase in both number and challenge. Students will require excellent study habits in order to meet the challenges of the rigorous work. Students who choose to take this course should feel confident and prepared in their reading and writing skills learned in middle school to take on this challenge.

CREDIT: 0.5  TYPE: Honors/Laude  GRADE: 9

PREREQUISITE: Teacher/Counselor Recommendation

COREQUISITES: If you take this course, you must also take 1111A – ENGLISH 9 HONORS

ENGLISH 10 A  1122A

English 10 is a year-long course in which students continue to enhance their critical reading skills of literary and informational texts and sharpen their writing skills through writing research and expository essays. Vocabulary, grammar concept, novel analyzation, preparing and delivering speeches, and test taking skills for standardized tests will be discussed and explored. All of these activities can be found in four thematic-based units: quest for power, developing relationships, grief/loss and coming of age.

CREDIT: 0.5  TYPE: Regular  GRADE: 10

PREREQUISITE: 1112B - English 9 B

COREQUISITES: If you take this course, you must also take 1122B - ENGLISH 10 B

ENGLISH 10 B  1122B

English 10 is a year-long course in which students continue to enhance their critical reading skills of literary and informational texts and sharpen their writing skills through writing research and expository essays. Vocabulary, grammar concepts, novel analyzation, preparing and delivering speeches, and test taking skills for standardized tests will be discussed and explored. All of these activities can be found in four thematic-based units: quest for power, developing relationships, grief/loss and coming of age.

CREDIT: 0.5  TYPE: Regular  GRADE: 10

PREREQUISITE: English 9

COREQUISITES: If you take this course, you must also take 1122A - ENGLISH 10 A
ENGLISH 10 HONORS A 1121A

English 10 Honors is an accelerated course that follows the curriculum for English 10 and should be taken by those students identified as being proficient in writing, reading comprehension, grammar and vocabulary. Students who are self-disciplined, diligent, and have excellent study skills will find this class to be an appropriate placement and will be prepared for honors courses in their junior year.

CREDIT: 0.5 TYPE: Honors/Laude GRADE: 10

PREREQUISITE: An "A" or "B" in English 9 Honors or teacher recommendation

COREQUISITES: If you take this course, you must also take 1121B - ENGLISH 10 HONORS B

ENGLISH 10 HONORS B 1121B

English 10 Honors is an accelerated course that follows the curriculum for English 10 and should be taken by those students identified as being proficient in writing, reading comprehension, grammar concepts, and vocabulary. Students who are self-disciplined, diligent, and have excellent study skills will find this class to be an appropriate placement and will be prepared for honors courses in their junior year.

CREDIT: 0.5 TYPE: Honors/Laude GRADE: 10

PREREQUISITE: An "A" or "B" in English 9 Honors or teacher recommendation.

COREQUISITES: If you take this course, you must also take 1121A - ENGLISH 10 HONORS A

ENGLISH 11: EARLY AMERICAN LITERATURE AND COMPOSITION 1191

This course combined with English 11: Contemporary Literature and Composition, or Intro to Human Communications Honors, or Creative Writing fulfills a one credit requirement for junior English. English 11 predominantly explores American literature and informational texts from early American history to Contemporary America. Students should be able to critically analyze themes and symbols in these texts. At this level, students will be expected to research, develop, and write various kinds of essays and to revise their own work. Developing vocabulary and voice to improve writing sophistication will be a part of the writing process. Along with reading and writing, students will discuss grammar, vocabulary, and give oral presentations or themes such as civic responsibility, identity, racism, and societal concerns and challenges.

CREDIT: 0.5 TYPE: Regular GRADE: 11

PREREQUISITE: 1122B - English 10 B
ENGLISH 11: CONTEMPORARY LITERATURE AND COMPOSITION
This course combined with English 11: Early American Literature and Composition, or Intro to Human Communication Honors, or Creative Writing fulfills a one credit requirement for junior English. English 11 predominantly explores American literature and informational texts from early American history to Contemporary America. Students should be able to critically analyze themes and symbols in these texts. At this level, students will be expected to research, develop, and write various kinds of essays and to revise their own work. Developing vocabulary and voice to improve writing sophistication will be a part of the writing process. Along with reading and writing, students will discuss grammar, vocabulary, and give oral presentations or themes such as civic responsibility, identity, racism, and societal concerns and challenges.

CREDIT: 0.5  TYPE: Regular  GRADE: 11
PREREQUISITE: 1122B - English 10 B

ENGLISH 11 HONORS: EARLY AMERICAN LITERATURE AND COMPOSITION
This course combined with English 11 Honors: Contemporary Literature and Composition, fulfills the one credit requirement for junior level English. English 11 Honors is an upper level course that follows the curriculum of English 11 and is appropriate for students who desire a more rigorous and challenging reading course and are eager to perfect their writing skills. Students will discuss and write about literature of different time periods to make connections to events in society today. Using professional and student essays for examples, students will learn to write essays similar to those assigned in a technical school course or a college class.

CREDIT: 0.5  TYPE: Honors/Laude  GRADE: 11
PREREQUISITE: An "A" or "B" in English 10 Honors or teacher recommendation.

ENGLISH 11 HONORS: CONTEMPORARY LITERATURE AND COMPOSITION
This course combined with English 11 Honors: Early American Literature and Composition, fulfills the one credit requirement for junior level English. English 11 Honors is an upper level course that follows the curriculum of English 11 and is appropriate for students who desire a more rigorous and challenging reading course and are eager to perfect their writing skills. Students will discuss and write about literature of different time periods to make connections to events in society today. Using professional and student essays for examples, students will learn to write essays similar to those assigned in a technical school course or a college class.

CREDIT: 0.5  TYPE: Honors/Laude  GRADE: 11
PREREQUISITE: An "A" or "B" in English 10 Honors or teacher recommendation.
ENGLISH 12: SPIRITUALITY AND DYSTOPIA 1132

This course combined with English 12: War and Survival, or Intro to Human Communication Honors, or Creative Writing, fulfills the one credit requirement for senior level English. Together they will discuss such topics as survival, war, spirituality and utopian/dystopian societies. Reading, creating projects, writing, discussing, learning new vocabulary and analyzing literature and informational texts will be covered within those four units. Because the majority of the reading will be from other countries, students will discover the contributions that these cultures have made. Students will continue to critically analyze these texts as well as write various essays that connect to these units.

CREDIT: 0.5 TYPE: Regular GRADE: 12

ENGLISH 12: WAR AND SURVIVAL 1133

This course combined with English 12: Spirituality and Dystopia, or Intro to Human Communication Honors, or Creative Writing, fulfills the one credit requirement for senior level English. Together they will discuss such topics as survival, war, spirituality and utopian/dystopian societies. Reading, creating projects, writing, discussing, learning new vocabulary and analyzing literature and informational texts will be covered within those four units. Because the majority of the reading will be from other countries, students will discover the contributions that these cultures have made. Students will continue to critically analyze these texts as well as write various essays that connect to these units.

CREDIT: 0.5 TYPE: Regular GRADE: 12

ENGLISH 12 HONORS: SPIRITUALITY AND DYSTOPIA 1134

This course combined with English 12 Honors: War and Survival, fulfills the one credit requirement for senior level English. This honors course is designed for Students who want to hone their writing and reading skills for college; therefore, the course of study will be more in-depth and academically challenging. The amount of outside reading and writing will be greater than English 12 and requires excellent study habits. Classwork will include critical thinking exercises, practice in the correct usage of the English language, and study of literary terms/devices, all of which incorporate the literature, culture, and time period studied. Essays in this course will be similar to those assigned in a typical college setting and will be required to display a high level of complexity and insight.

CREDIT: 0.5 TYPE: Honors/Laude GRADE: 12

PREREQUISITE: An "A" or "B" in English 11 Honors or teacher recommendation.
ENGLISH 12 HONORS: WAR AND SURVIVAL 1135

This course combined with English 12 Honors: Spirituality and Dystopia, fulfills the one credit requirement for senior level English. This honors course is designed for students who want to hone their writing and reading skills for college; therefore, the course of study will be more in-depth and academically challenging. The amount of outside reading and writing will be greater than English 12 and requires excellent study habits. Classwork will include critical thinking exercises, practice in the correct usage of the English language, and study of literary terms/devices, all of which incorporate the literature, culture, and time period studied. Essays in this course will be similar to those assigned in a typical college setting and will be required to display a high level of complexity and insight.

CREDIT: 0.5 TYPE: Honors/Laude GRADE: 12

PREREQUISITE: An "A" or "B" in English 11 Honors or teacher recommendation.

ENGLISH: STUDIES IN DIVERSITY & MULTICULTURALISM A 1136A

Semesters One and Two of this course fulfill the one credit requirement for junior or senior level English. Specifically, this class examines the development and state of cultural diversity through a focus on historical, sociological, and philosophical foundations within informational texts, literature, scholarly essays, film, and media publications. Rather than focus solely on literature from specific countries, this course will focus on the role of ethnicity, race or gender by semester in both the United States and internationally. Students will engage in critical questioning, assessment and evaluation of the challenges they and others of diverse cultural backgrounds face in our rapidly evolving world through literature and composition.

There may be materials we read, view, discuss and write about that deal with sensitive and mature issues, topics and concepts. Debate is encouraged and necessary for students in order to develop their argumentative, analytical and critical reading and writing skills.

CREDIT: 0.5 TYPE: Regular GRADE: 11-12

PREREQUISITE: 1112B - English 9 B or 1122B - English 10 B

COREQUISITES: If you take this course, you must also take 1136B - ENGLISH: STUDIES IN DIVERSITY & MULTICULTURALISM B
ENGLISH: STUDIES IN DIVERSITY & MULTICULTURALISM B

Semesters One and Two of this course fulfill the one credit requirement for junior or senior level English. Specifically, this class examines the development and state of cultural diversity through a focus on historical, sociological, and philosophical foundations within informational texts, literature, scholarly essays, film, and media publications. Rather than focus solely on literature from specific countries, this course will focus on the role of ethnicity, race or gender by semester in both the United States and internationally. Students will engage in critical questioning, assessment and evaluation of the challenges they and others of diverse cultural backgrounds face in our rapidly evolving world through literature and composition.

There may be materials we read, view, discuss and write about that deal with sensitive and mature issues, topics and concepts. Debate is encouraged and necessary for students in order to develop their argumentative, analytical and critical reading and writing skills.

CREDIT: 0.5 TYPE: Regular GRADE: 11-12
COREQUISITES: If you take this course, you must also take 1136A - ENGLISH: STUDIES IN DIVERSITY & MULTICULTURALISM A

ENGLISH HONORS: STUDIES IN DIVERSITY AND MULTICULTURALISM A

Studies in Diversity and Multiculturalism examines the development and state of cultural diversity through a focus on historical, sociological, and philosophical foundations within informational text, literature, scholarly essays, film and media publications. Special emphasis is placed on the role of ethnicity in the development (past, present and future) of the United States in the first semester with an emphasis beyond America's borders in the second semester. Students will engage in critical questioning, assessment and evaluation of the challenges they, and others of diverse cultural backgrounds face in our rapidly evolving world.

NOTICE:

There may be materials we read, view, discuss and write about that deal with sensitive and mature issues, topics and concepts. Debate is encouraged and necessary for students in order to develop their argumentative, analytical and critical reading and writing skills.

CREDIT: 0.5 TYPE: Honors/Laude GRADE: 11-12
COREQUISITES: If you take this course, you must also take 1137B - ENGLISH HONORS: STUDIES IN DIVERSITY AND MULTICULTURALISM B
ENGLISH HONORS: STUDIES IN DIVERSITY AND MULTICULTURALISM B 1137B

Studies in Diversity and Multiculturalism examines the development and state of cultural diversity through a focus on historical, sociological, and philosophical foundations within informational text, literature, scholarly essays, film and media publications. Special emphasis is placed on the role of ethnicity in the development (past, present and future) of the United States in the first semester with an emphasis beyond America's borders in the second semester. Students will engage in critical questioning, assessment and evaluation of the challenges they, and others of diverse cultural backgrounds face in our rapidly evolving world.

NOTICE:

There may be materials we read, view, discuss and write about that deal with sensitive and mature issues, topics and concepts. Debate is encouraged and necessary for students in order to develop their argumentative, analytical and critical reading and writing skills.

CREDIT: 0.5  TYPE: Honors/Laude  GRADE: 11-12

COREQUISITES: If you take this course, you must also take 1137A - ENGLISH HONORS: STUDIES IN DIVERSITY AND MULTICULTURALISM A

INTRODUCTION TO HUMAN COMMUNICATION HONORS 1142

This is a rigorous one semester course for juniors and seniors that is designed to help students increase their effectiveness in public speaking and to help them gain confidence in using these skills. Students will learn to effectively write, deliver and evaluate the speech to inform, persuade and entertain. Students will reflect on communication and work to become better communicators.

CREDIT: 0.5  TYPE: Honors/Laude  GRADE: 11-12

PREREQUISITE: English 9 and 10

CREATIVE WRITING 1167

Creative Writing introduces students to the foundational principles of writing short fiction and poetry. The course emphasizes analysis of model literary works, to identify specific styles and strategies students will employ in their own writing. Learn nomenclature specific to the craft of writing fiction and poetry; special attention is paid to form and structure. Other key topics include: characterization, plot development, theme, style, voice, audience/reader, setting and atmosphere, poetic forms and free verse, as well as publication. This class is organized as a writing workshop in which students share and critique one another's work then revises accordingly. Students speak on a weekly basis, both in presenting their creative pieces as well as in workshopping them. Students need to understand that the class is equivalent in rigor to any other credit-fulfilling junior or senior English class.

COURSE NOTE: Eng. 9 and 10 (reg. or honors required as a prerequisite)

CREDIT: 0.5  TYPE: Regular  GRADE: 11-12

PREREQUISITE: 1122B - English 10 B
CORRECTIVE READING INTERVENTION STRATEGIES A  1110A

CRIS is a class for students in need of additional instruction in the area of reading. It offers diagnostic and remedial activities designed to correct reading difficulties and habits that interfere with student's progress in developing reading skills and understanding. The activities chosen will focus on fluency, comprehension, reading technique, study skills, and general literacy skills. Students will work with a Reading Specialist to receive individualized instruction based on their needs in a small group setting, 50-120 minutes per week. When not working with the Reading Specialist, students will be in a structured study hall setting, where they will get support completing other academic activities or continuing to practice their literacy skills.

COURSE NOTE: This is a remedial course and earns elective credit only

CREDIT: 0.5        TYPE: Elective        GRADE: 9-12

PREREQUISITE: Teacher/Counselor Recommendation, Identified Need for Reading Intervention.

CORRECTIVE READING INTERVENTION STRATEGIES B  1110B

CRIS is a class for students in need of additional instruction in the area of reading. It offers diagnostic and remedial activities designed to correct reading difficulties and habits that interfere with student's progress in developing reading skills and understanding. The activities chosen will focus on fluency, comprehension, reading technique, study skills, and general literacy skills. Students will work with a Reading Specialist to receive individualized instruction based on their needs in a small group setting, 50-120 minutes per week. When not working with the Reading Specialist, Students will be in a structured study hall setting, where they will get support completing other academic activities or continuing to practice their literacy skills.

COURSE NOTE: This is a remedial course and earns elective credit only

CREDIT: 0.5        TYPE: Elective        GRADE: 9-12

PREREQUISITE: Teacher/Counselor Recommendation, Identified Need for Reading Intervention.
AP English: Language and Composition concentrates on both effective writing and critical reading at the college level. Students will study literary selections from various genres, periods, and nationalities with an emphasis on developing their awareness of the expressive potential of language. Students learn to recognize the different aims (to inform, to persuade, to express) and modes (narrative, descriptive, analytic) of discourse. Passages representing different styles and purposes will be examined for their diction, syntax, tone, structure, purpose, and meaning. Students will write several essays, especially those of a persuasive, argumentative, and analytical nature. They will also research a topic, writing an extensive, argumentative research paper on that topic. In addition, Students will study in depth four to seven books of different genres — autobiography, biography, fiction, history, etc. Critical reading and writing activities in this course will be focused on preparing students to write the AP examination in the spring in Language and Composition for college credit. Students are expected to complete a challenging summer reading and writing task.

COURSE NOTE: Will require additional fees (approx. $60.00)

CREDIT: 0.5 TYPE: Advanced Placement/Laude GRADE: 11

PREREQUISITE: Student must have earned an "A" or "B" in an English Honors course the previous year or have obtained a recommendation from their previous year's English teacher.

COREQUISITES: If you take this course, you must also take 1171B - AP ENGLISH: LANGUAGE AND COMPOSITION B

AP English: Language and Composition concentrates on both effective writing and critical reading at the college level. Students will study literary selections from various genres, periods, and nationalities with an emphasis on developing their awareness of the expressive potential of language. Students learn to recognize the different aims (to inform, to persuade, to express) and modes (narrative, descriptive, analytic) of discourse. Passages representing different styles and purposes will be examined for their diction, syntax, tone, structure, purpose, and meaning. Students will write several essays, especially those of a persuasive, argumentative, and analytical nature. They will also research a topic, writing an extensive, argumentative research paper on that topic. In addition, Students will study in depth four to seven books of different genres — autobiography, biography, fiction, history, etc. Critical reading and writing activities in this course will be focused on preparing students to write the AP examination in the spring in Language and Composition for college credit. Students are expected to complete a challenging summer reading and writing task.

COURSE NOTE: Will require additional fees (approx. $60.00)

CREDIT: 0.5 TYPE: Advanced Placement/Laude GRADE: 11

PREREQUISITE: Student must have earned an "A" or "B" in an English Honors course the previous year or have obtained a recommendation from their previous year's English teacher.

COREQUISITES: If you take this course, you must also take 1171A - AP ENGLISH: LANGUAGE AND COMPOSITION A
AP ENGLISH: LITERATURE AND COMPOSITION A 1170A

AP English: Literature and Composition is a college level study of novels, poetry, and drama coupled with advanced writing assignments. Through their involvement in both the study and practice of writing, students will become more aware of the resources of language, including connotation, metaphor, irony syntax, and tone, as well as more aware of broader aspects of literature: structure, character, pacing, plot, theme, etc. Writing assignments will focus on the critical analysis of literature and include essays of exposition and argument. In the spring semester, students will be encouraged to write the AP examination in Literature and Composition for possible college credit. Over the summer, students will read a short novel and write a short analysis of that novel.

COURSE NOTE: Will require additional fees (approx. $50.00).

CREDIT: 0.5 TYPE: Advanced Placement/Laude GRADE: 12

PREREQUISITE: Students must have two of the following: 1. An "A" or "B" in an English Honors course the previous year. 2. Teacher recommendation. 3. Timed writing sample arranged with instructor.

COREQUISITES: If you take this course, you must also take 1170B - AP ENGLISH: LITERATURE AND COMPOSITION B

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AP ENGLISH: LITERATURE AND COMPOSITION B 1170B

AP English: Literature and Composition is a college level study of novels, poetry, and drama coupled with advanced writing assignments. Through their involvement in both the study and practice of writing, students will become more aware of the resources of language, including connotation, metaphor, irony syntax, and tone, as well as more aware of broader aspects of literature: structure, character, pacing, plot, theme, etc. Writing assignments will focus on the critical analysis of literature and include essays of exposition and argument. In the spring semester, students will be encouraged to write the AP examination in Literature and Composition for possible college credit. Over the summer, students will read a short novel and write a short analysis of that novel.

COURSE NOTE: Will require additional fees (approx. $50.00).

CREDIT: 0.5 TYPE: Advanced Placement/Laude GRADE: 12

PREREQUISITE: Student must have two of the following: 1. An "A" or "B" in an English Honors course from the previous year. 2. Teacher recommendation. 3. Timed writing sample arranged with instructor.

COREQUISITES: If you take this course, you must also take 1170A - AP ENGLISH: LITERATURE AND COMPOSITION A
AP ENGLISH: LITERATURE AND COMPOSITION (Online/Blended Section) A  91170A

This online/blended section of AP English: Literature and Composition will require in-class meetings once every other week, during “zero hour” before school, at 6:30 a.m. (exact days to be determined), but will otherwise take place online. The curriculum will follow that of the face-to-face section of AP English, but the benefits of this section are many. Students will free up their schedules, they will learn to work more independently, and they will gain preparation for similar online college work. Students enrolled in the online/blended section need to possess strong study habits, the ability to seek help, and the drive to complete work independently. They should also be willing to utilize web tools, such as Moodle, turnitin.com, Google docs, Google+ and Gmail. As with the face-to-face sections, the aim of this section is for students to earn college credit by passing the AP English exam in the spring.

COURSE NOTE: Will require additional fees (approx. $50.00).

CREDIT: 0.5  TYPE: Advanced Placement/Laude  GRADE: 12

PREREQUISITE: Students must have earned an "A" or "B" in an English Honors course the previous year or have obtained a recommendation from their previous year's English teacher.

COREQUISITES: If you take this course, you must also take 91170B - AP ENGLISH: LITERATURE AND COMPOSITION (Online/Blended Section) B

AP ENGLISH: LITERATURE AND COMPOSITION (Online/Blended Section) B  91170B

This online/blended section of AP English: Literature and Composition will require in-class meetings once every other week, during “zero hour” before school, at 6:30 a.m. (exact days to be determined), but will otherwise take place online. The curriculum will follow that of the face-to-face section of AP English, but the benefits of this section are many. Students will free up their schedules, they will learn to work more independently, and they will gain preparation for similar online college work. Students enrolled in the online/blended section need to possess strong study habits, the ability to seek help, and the drive to complete work independently. They should also be willing to utilize web tools, such as Moodle, turnitin.com, Google docs, Google+ and Gmail. As with the face-to-face sections, the aim of this section is for Students to earn college credit by passing the AP English exam in the spring.

COURSE NOTE: Will require additional fees (approx. $50.00).

CREDIT: 0.5  TYPE: Advanced Placement/Laude  GRADE: 12

PREREQUISITE: Students must have earned an "A" or "B" in an English Honors course the previous year or have obtained a recommendation from their previous year's English teacher.

COREQUISITES: If you take this course, you must also take 91170A - AP ENGLISH: LITERATURE AND COMPOSITION (Online/Blended Section) A
The ability to work effectively and respectfully with diverse teams is practiced in Culinary Skills I, while students develop initiative and self-direction. The class provides the opportunity to explore the areas of meal production, baking, and pastries, both in the home and in commercial settings. A majority of the time is spent on specialty food preparation and large meal projects.

**COURSE NOTE:** May require additional fees.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 9-12

**COREQUISITES:** If you take this course, you must also take 621B - CULINARY SKILLS 1 B

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Preparing for a demanding career, Culinary Skills II uses the ProStart curriculum from the National Restaurant Association giving the Students a professional start to a career in the Food and Hospitality industry. Students develop skills, knowledge, and job training in the classroom portion of the program. Academic credit for the complete Two-year program can be transferred to many Associate and/or Bachelor Degree programs. There is also the opportunity for numerous post-secondary scholarships. If a student passes both years of the National Exam and completes the hours of on-the-job training, they earn the National Prostart Certificate of Achievement.

**COURSE NOTE:** May require additional fees.

**CREDIT:** 0.5  
**TYPE:** Gateway Transcripted/Laude  
**GRADE:** 11-12

**PREREQUISITE:** Culinary Skills (may be taken simultaneously).

**COREQUISITES:** If you take this course, you must also take 661B - CULINARY SKILLS II B
CULINARY SKILLS II B
Preparing students for a demanding career, Culinary Skills II uses the ProStart curriculum from the National Restaurant Association giving the students a professional start to a career in the Food and Hospitality/industry. Students develop skills, knowledge, and job training in the classroom portion of the program. Academic credit for the complete two-year program can be transferred to many Associate and/or Bachelor Degree programs. There is also the opportunity for numerous post-secondary scholarships. If a student passes both years of the National Exam and completes the hours of on-the-job training, they earn the National Prostart Certificate of Achievement.

COURSE NOTE: May require additional fees.
CREDIT: 0.5 TYPE: Gateway Transcribed/Laude GRADE: 11-12
PREREQUISITE: Culinary Skills (may be taken simultaneously).
COREQUISITES: If you take this course, you must also take 661A - CULINARY SKILLS II A

CULINARY SKILLS III A
Culinary Skills III uses the second level textbook of the ProStart curriculum to teach students to be effective 21st century workers. Students can expect a lot of independent work, while planning their lab experiences to correlate with their studies. If a student passes both years of the National Exam and completes the hours of on-the-job training, they earn the National Prostart Certificate of Achievement.

COURSE NOTE: May require additional fees.
CREDIT: 0.5 TYPE: Gateway Transcribed/Laude GRADE: 12
PREREQUISITE: Culinary Skills II (may be taken simultaneously)
COREQUISITES: If you take this course, you must also take 662B - CULINARY SKILLS III B

CULINARY SKILLS III B
Culinary Skills III uses the second level textbook of the ProStart curriculum to teach students to be effective 21st century workers. Students can expect a lot of independent work, while planning their lab experiences to correlate with their studies. If a student passes both years of the National Exam and completes the hours of on-the-job training, they earn the National Prostart Certificate of Achievement.

COURSE NOTE: May require additional fees.
CREDIT: 0.5 TYPE: Gateway Transcribed/Laude GRADE: 12
PREREQUISITE: Culinary Skills II (may be taken simultaneously)
COREQUISITES: If you take course, you must also take 662A CULINARY SKILLS III A
CULINARY CAREER CO-OP A 619A

Students currently enrolled in Culinary II or III may take the Culinary Career Co-op and earn additional credit for working in the food service industry. Students may leave school one or two periods early to work or fulfill the credit requirement by scheduling the career co-op after the regular school hours. The teacher coordinator works closely with the approved job site to track the student's hours and progress towards the development of goals set forth by the National ProStart Program and/or the State Skills Certificate. Students may enroll in the class with a job site secured or the teacher coordinator will help them secure a position.

CREDIT: 0.5 TYPE: Laude GRADE: 11-12

CULINARY CAREER CO-OP B 619B

Students currently enrolled in Culinary II or III may take the Culinary Career Co-op and earn additional credit for working in the food service industry. Students may leave school one or periods early to work or fulfill the credit requirement by scheduling the career co-op after the regular school hours. The teacher coordinator works closely with the approved job site to track the student's hours and progress towards the development of goals set forth by the National ProStart Program and/or the State Skills Certificate. Students may enroll in the class with a job site secured or the teacher coordinator will help them secure a position.

CREDIT: 0.5 TYPE: Laude GRADE: 11-12

FOOD SCIENCE A 625A

Food Science incorporates science concepts into a lab-oriented foods class. The laws of science are at work in foods prepared at home and by the food industry. Through lab experiment in the test and Lab Manual, students will practice scientific and sensory evaluation of foods. They will examine the positive and negative impact of microorganisms on the food supply. Students will also explore the variety of careers available to graduates with a food science background.

COURSE NOTE: May require additional fees. Science Elective Credit

CREDIT: 0.5 TYPE: Regular GRADE: 11-12

PREREQUISITE: 321B - Biology B

COREQUISITES: If you take this course, you must also take 625B - FOOD SCIENCE B
FOOD SCIENCE B 625B

Food Science incorporates science concept into a lab-oriented foods class. The laws of science are at work in foods prepared at home and by the food industry. Through lab experiment in the test and Lab Manual, students will practice scientific and sensory evaluation of foods. They will examine the positive and negative impact of microorganisms on the food supply. Students will also explore the variety of careers available to graduates with a food science background.

COURSE NOTE: May require additional fees. Science Elective Credit
CREDIT: 0.5 TYPE: Regular GRADE: 11-12
PREREQUISITE: 321B - Biology B
COREQUISITES: If you take this course, you must also take 625A - FOOD SCIENCE A

MULTI-CULTURAL FOODS 623

In this globally competitive age, Multi-cultural Foods will help students respect cultural differences and respond open mindedly to different ideas and values, preparing students to work effectively with people from a range of social and cultural backgrounds. The class will immerse students in food traditions from around the world. Food, in relation to location, climate, availability, social class, religion, and cooking techniques will be studied with regular culinary lab experiences.

COURSE NOTE: May require additional fees.
CREDIT: 0.5 TYPE: Regular GRADE: 9-12
PREREQUISITE: 624 – Performance Foods or 621A – Culinary Skills I A

PERFORMANCE FOODS 624

While learning to collaborate with others in Performance Foods, students gain a basic understanding of the impact food has on their increasingly complex lives. The diet/health link is explored and fundamental food preparation techniques are regularly practiced in the kitchen area.

COURSE NOTE: May require additional fees.
CREDIT: 0.5 TYPE: Regular GRADE: 9-12
INTRODUCTION TO HOSPITALITY 628

This class will explore the world of hospitality; food & beverage, lodging, tourism & travel, event planning, recreation and their related businesses. Origin, development, current scope, and future outlook of the hospitality industry are covered. Global perspectives and diversity issues are also discussed as they relate to the hospitality industry. This class prepares students to interact with people, covering social and corporate etiquette. History, background and future trends of each field are presented in such a manner as to enable students to evaluate and make career decisions. Students will begin to develop a career portfolio that will showcase the student's personal and professional development in relation to a career pathway and 21st Century Skills.

CREDIT: 0.5 TYPE: Gateway Transcripted/Laude GRADE: 9-12

CHILD DEVELOPMENT 631A

Being responsible to others is an important life skill contribution of Child Development, which allows the student to study the physical, social, emotional, and intellectual growth of the child from conception through preschool. Several hands-on experiences with children will provide practical and realistic child care situations.

CREDIT: 1.0 TYPE: Gateway Transcripted/Laude GRADE: 9-12

COREQUISITE: If you take this course, you must also take 631B - CHILD DEVELOPMENT.

CHILD DEVELOPMENT 631B

Being responsible to others is an important life skill contribution of Child Development, which allows the student to study the physical, social, emotional, and intellectual growth of the child from conception through preschool. Several hands-on experiences with children will provide practical and realistic child care situations.

CREDIT: 1.0 TYPE: Gateway Transcripted/Laude GRADE: 9-12

COREQUISITE: If you take this course, you must also take 631A - CHILD DEVELOPMENT.

ASSISTANT CHILDCARE TEACHER 632

Assistant Childcare Teacher is a valuable course for any student interested in a career with children at any level or a part time job in a childcare facility. Working on the life and career skills of flexibility, adaptability, leadership, responsibility, initiative, collaboration, communication, and cross-cultural skills, this course will certify the student to work in a child care facility. While enrolled in ACCT, the student will complement the classroom instruction with observation at various child care facilities. Having successfully completed the certification requirements while at Central, the student will then be exempt from completing the course at a post-secondary school. *Students interested in earning their Teacher Certificate as a senior in the Childcare: Health, Safety, and Nutrition and Child Career Co-op must take this class as a junior.

CREDIT: 0.5 TYPE: Gateway Transcripted/Laude GRADE: 11-12

PREREQUISITE: Child Development or Department Approval.
CHILDCARE: HEALTH, SAFETY, & NUTRITION B 616A

Child Care: Health, Safety & Nutrition will provide instruction in the knowledge and technical skills specifically needed for working with young children in a child care or educational setting. The year long course includes Gateway Technical College curriculum for their course Health, Safety & Nutrition, which in turn allows the student to earn dual/transcripted credit. By taking this course and the Child Career Co-op, students may earn their State Certification as a Child Care Teacher. The experience and knowledge gained is valuable to students interested in any career working with children!

CREDIT: 0.5  TYPE: Gateway Transcripted/Lauda  GRADE: 12

PREREQUISITE: Assistant Childcare Teacher

COREQUISITES: If you take this course, you must also take 616B - CHILDCARE: HEALTH, SAFETY & NUTRITION B

CHILDCARE: HEALTH, SAFETY, & NUTRITION B 616B

Child Care: Health, Safety & Nutrition will provide instruction in the knowledge and technical skills specifically needed for working with young children in a child care or educational setting. The year long course includes Gateway Technical College curriculum for their course Health, Safety & Nutrition, which in turn allows the student to earn dual/transcripted credit. By taking this course and the Child Career Co-op, students may earn their State Certification as a Child Care Teacher. The experience and knowledge gained is valuable to students interested in any career working with children!

CREDIT: 0.5  TYPE: Gateway Transcripted/Lauda  GRADE: 12

PREREQUISITE: Assistant Childcare Teacher

COREQUISITES: If you take this course, you must also take 616A - CHILDCARE: HEALTH, SAFETY & NUTRITION A
CHILD CAREER CO-OP A

During coursework, students will work on a set of child care State Certification skills, as well as Gateway's Health, Safety, and Nutrition Curriculum. While all students will take the classroom portion, some may choose to work in the Child Care field via the Career Co-op.

The student will work with pay at a licensed group child care center for a total of 480 hours during the school year (average 15 hours per week, Monday through Friday). Upon successful completion and graduation from high school, the student will be certified as a Child Care Teacher in the State of Wisconsin.

The experience gained in working with young children would be valuable to those entering the field of education or any career working with children (i.e. social work, pediatrics, …)

CREDIT: 0.5  TYPE: Gateway Transcripted/Laude  GRADE: 11-12

PREREQUISITE: Assistant Childcare Teacher and Child Development

COREQUISITES: If you take course, you must also take 620B - CHILD CAREER CO-OP B

CHILD CAREER CO-OP B

During the coursework, students will work on a set of child care State Certification skills, as well as Gateway's Health, Safety, and Nutrition Curriculum. While all students will take the classroom portion, some may choose to work in the Child Care field via the Career Co-op.

The student will work with pay at a licensed group child care center for a total of 480 hours during the school year (average 15 hours per week, Monday through Friday). Upon successful completion and graduation from high school, the student will be certified as a Child Care Teacher in the State of Wisconsin.

The experience gained in working with young children would be valuable to those entering the field of education or any career working with children (i.e. social work, pediatrics…)

CREDIT: 0.5  TYPE: Gateway Transcripted/Laude  GRADE: 12

PREREQUISITE: Assistant Childcare Teacher and Child Development

COREQUISITES: If you take this course, you must also take 620A - CHILD CAREER CO-OP A
INTRODUCTION TO HEALTH OCCUPATIONS 636

This course provides an overview of the healthcare industry. Students will identify characteristics of various health care services areas. The learner will acquire essential knowledge, skills and attributes necessary to be employed in the healthcare industry. There is a focus on ethics, confidentiality, legal issues, responsible behaviors and spoken and written communication. The learner will investigate the roles and responsibilities of a variety of career options within the healthcare industry. Students will experience job shadowing in a variety of careers in hospitals, clinics and long-term care facilities.

Career Clusters: Health Services

CREDIT: 0.5  TYPE: Regular  GRADE: 9-12

INTRO TO MEDICAL TERMINOLOGY 630

Health literacy is critical for the student who is interested in pursuing a medical career or associated career in the healthcare system. In Intro to Medical Terminology students will learn 350 medical terms and understand how to utilize those terms to create the language of medicine.

CREDIT: 0.5  TYPE: Regular  GRADE: 10-12

ADVANCED MEDICAL TERMINOLOGY 635

More health literacy is investigated in Advanced Medical Terminology where students practice formation and analysis of terms. With an emphasis on spelling and pronunciation, an introduction to the terminology used for all body systems and surgery are covered. If completed successfully, the student can earn three college credits through Gateway Technical Institute.

CREDIT: 0.5  TYPE: Gateway Transcripted/Laude (Pending Approval)  GRADE: 10-12

PREREQUISITE: 630 – Intro to medical Terminology

INTERIOR DESIGN 650

While teaching students to work and think creatively, Interior Design introduces students to the myriad of career pathways in the field. Students study and apply elements of interior design to interior environments while focusing on basic concepts in the design process, space planning, color theory, selecting finishes and furnishings, and design communications techniques. Students will apply the fundamentals of design in hands-on lab experiences.

COURSE NOTE: May require additional fees.

CREDIT: 0.5  TYPE: Gateway Transcripted/Laude  GRADE: 9-12
FASHION ENGINEERING & DESIGN I A 671A

Students will learn to prioritize, plan and manage their work to produce high quality produce, preparing them for the 21st century. FED I is designed to introduce to the world of apparel and fashion. A study of both the elements and principles of design allows students to learn how to manipulate color, line, texture, pattern, proportion, balance, and unity to design a flattering garment for a specific feel, age, body type, and skin tone. Students will use the cyclical STE(A)M design process while learning the "Art of Quilting". Students will be trained to use the latest equipment and tools for construction, including sewing, serger, and embroidery machines.

COURSE NOTE: May require additional fees.

CREDIT: 0.5  TYPE: Regular  GRADE: 9-12

COREQUISITES: If you take this course, you must also take 671B - FASHION ENGINEERING & DESIGN I B

FASHION ENGINEERING & DESIGN I B 671B

Students will learn to prioritize, plan and manage their work to produce high quality produce, preparing them for the 21st century. FED I is designed to introduce to the world of apparel and fashion. A study of both the elements and principles of design allows students to learn how to manipulate color, line, texture, pattern, proportion, balance, and unity to design a flattering garment for a specific feel, age, body type, and skin tone. Students will use the cyclical STE(A)M design process while learning the "Art of Quilting". Students will be trained to use the latest equipment and tools for construction, including sewing, serger, and embroidery machines.

COURSE NOTE: May require additional fees.

CREDIT: 0.5  TYPE: Regular  GRADE: 9-12

COREQUISITES: If you take this course, you must also take 671A - FASHION ENGINEERING & DESIGN I A
Productivity and accountability continue to be emphasized in this advanced class, along with the creativity and innovation using the cyclical STE(A)M design process. Students explore their talent within the fashion industry for higher education options and career choices. The curriculum follows industry specifications through research and hands-on activities including: history and trends in fashion, fashion illustration, draping, fashion merchandising, event planning, flat pattern making, fashion designing, advanced construction techniques, and apparel marketing and advertising.

**COURSE NOTE:** May Require Additional Fees.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 10-12

**PREREQUISITE:** Fashion Engineering & Design I or Department Approval

**COREQUISITES:** If you take this course, you must also take 672B - FASHION ENGINEERING & DESIGN II B

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**FASHION ENGINEERING & DESIGN II B**  672B

Productivity and accountability continue to be emphasized in this advanced class, along with the creativity and innovation using the cyclical STE(A)M design process. Students explore their talents within the fashion industry for higher education options and career choices. The curriculum follows industry specifications through research and hands-on activities including: history and trends in fashion, fashion illustration, draping, fashion merchandising, event planning, flat pattern making, fashion designing, advanced construction techniques, and apparel marketing and advertising.

**COURSE NOTE:** May Require Additional Fees.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 10-12

**PREREQUISITE:** Fashion Engineering & Design I B or Department Approval

**COREQUISITES:** If you take this course, you must also take 672A - FASHION ENGINEERING & DESIGN II A
FASHION ENGINEERING & DESIGN III A  673A
Fashion III will lead students to consider their future in the fashion industry. Included are textile and apparel careers, retail careers, promotional careers, and entrepreneurship opportunities. Students will be involved in Touch of Class, our student run business, featuring long-arm quilting and commercial embroidery. Students use the cyclical STE(A)M design process as they effectively use the latest fashion design software, Digital Fashion Pro, to experience how designers in the 21st century create wearable and sellable clothing lines. This course culminates by planning and executing a fashion showcase event.

COURSE NOTE: May require additional fees.
CREDIT: 0.5  TYPE: Regular  GRADE: 11-12
PREREQUISITE: 672B – Fashion Engineering & Design II B
COREQUISITES: If you take this course, you must also take 673B - FASHION ENGINEERING & DESIGN III B.

FASHION ENGINEERING & DESIGN III B  673B
Fashion III will lead students to consider their future in the fashion industry. Included are textile and apparel careers, retail careers, promotional careers, and entrepreneurship opportunities. Students will be involved in Touch of Class, our student run business, featuring long-arm quilting and commercial embroidery. Students use the cyclical STE(A)M design process as they effectively use the latest fashion design software, Digital Fashion Pro, to experience how designers in the 21st century create wearable and sellable clothing lines. This course culminates by planning and executing a fashion showcase event.

COURSE NOTE: May require additional fees.
CREDIT: 0.5  TYPE: Regular  GRADE: 11-12
PREREQUISITE: 672B – Fashion Engineering & Design II B
COREQUISITES: If you take this course, you must also take 673A - FASHION ENGINEERING & DESIGN III A
SENIOR STRATEGIES A 649A

Initiative and Self-Direction are the life skills focus of Senior Strategies. Seniors in high school are facing huge transitions. This course helps them prepare by teaching them how to make realistic goals, reduce their stress, create a five-year plan, survive roommates and dorm life and develop skills in organization, budgeting and studying. Students will face college life and beyond with confidence! will focus on personal development, decisions, relationships with family and friends, and marriage. The wedding simulation is a favorite with students.

COURSE NOTE: May require additional fees.

CREDIT: 0.5  TYPE: Regular  GRADE: 11-12

COREQUISITES: If you take this course, you must also take 649B - SENIOR STRATEGIES B

SENIOR STRATEGIES B 649B

Initiative and Self-Direction are the life skills focus of Senior Strategies. Seniors in high school are facing huge transitions. This course helps them prepare by teaching them how to make realistic goals, reduce their stress, create a five-year plan, survive roommates and dorm life and develop skills in organization, budgeting and studying. Students will face college life and beyond with confidence! will focus on personal development, decisions, relationships with family and friends, and marriage. The wedding simulation is a favorite with students.

COURSE NOTE: May require additional fees.

CREDIT: 0.5  TYPE: Regular  GRADE: 11-12

COREQUISITES: If you take this course, you must also take 649A - SENIOR STRATEGIES A

RELATIONSHIP SMARTS 614

Focusing on critical thinking, problem solving, communication, and collaboration, this class addresses positive youth development, life skills, healthy relationships, dating violence, and family choices. Parent/child relations and parenting strategies are explored. It empowers youth to form and maintain healthy relationships, make wise choices, and work toward their goals. Topics include self-awareness, developing healthy relationships, communication and conflict, intimacy decisions, updates to the success sequence, and social media. Additional fees may be required.

COURSE NOTE: Additional fees may be required.

CREDIT: 0.5  TYPE: Regular  GRADE: 9-12
DRAWING AND PAINTING A 802A

As a student in the Drawing and Painting course, you will develop highly honed studio skills and come to understand the breadth of art in traditional, contemporary and experimental forms. You will explore aesthetic possibilities in abstract and representational areas and the use of traditional and non-traditional materials within a variety of subject matter including still life, interiors, landscape, cityscape, light, nature, and the portrait.

COURSE NOTE: May require additional fees.

CREDIT: 0.5  TYPE: Regular  GRADE: 9-12

COREQUISITES: If you take this course, you must also take 802B - DRAWING AND PAINTING B

DRAWING AND PAINTING B 802B

As a student in the Drawing and Painting course, you will develop highly honed studio skills and come to understand the breadth of art in traditional, contemporary and experimental forms. You will explore aesthetic possibilities in abstract and representational areas and the use of traditional and non-traditional materials within a variety of subject matter including still life, interiors, landscape, cityscape, light, nature, and the portrait.

COURSE NOTE: May require additional fees.

CREDIT: 0.5  TYPE: Regular  GRADE: 9-12

COREQUISITES: If you take this course, you must also take 802A - DRAWING AND PAINTING A
ADVANCED DRAWING AND PAINTING A  803A
As a student in the Advanced Drawing and Painting course, you will continue to build aesthetic judgment and develop and refine your personal vision as you explore drawing and painting techniques through a range of preferred subject matter. You are introduced to new and your efforts are concentrated on visual experimentation, conceptual sophistication, and imaginative solutions as you investigate all three aspects of the AP portfolio (Quality, Concentration, and Breadth).

COURSE NOTE: May require additional fees.

CREDIT: 0.5  TYPE: Laude  GRADE: 10-12

PREREQUISITE: Drawing and Painting or Consent of Instructor.

COREQUISITES: If you take this course, you must also take 803B - ADVANCED DRAWING AND PAINTING B

ADVANCED DRAWING AND PAINTING B  803B
As a student in the Advanced Drawing and Painting course, you will continue to build aesthetic judgment and develop and refine your personal vision as you explore drawing and painting techniques through a range of preferred subject matter. You are introduced to new artists and your efforts are concentrated on visual experimentation, conceptual sophistication, and imaginative solutions as you investigate all three aspects of the AP portfolio (Quality, Concentration, and Breadth).

COURSE NOTE: May require additional fees.

CREDIT: 0.5  TYPE: Laude  GRADE: 10-12

PREREQUISITE: Drawing and Painting or Consent of Instructor.

COREQUISITES: If you take this course, you must also take 803A - ADVANCED DRAWING AND PAINTING A

DESIGN STUDIO A  820A
As a student of Design Studio, you will continue to utilize the elements and principles of design with an exploration into the professions of graphic, product, and industrial design. Through an organized experimentation of traditional art media you will create images that convey a message or concept. You will use a variety of traditional art media such as drawing, painting, printmaking and commercial art materials as well as digital equipment and computers to create 2-D and 3-D models. Good composition, visual organization, development of creative thinking and visual problem solving will be emphasized and developed throughout the course.

COURSE NOTE: Additional fees required.

CREDIT: 0.5  TYPE: Regular  GRADE: 10-12

COREQUISITES: If you take this course, you must also take 820B - DESIGN STUDIO B
DESIGN STUDIO B

As a student of Design Studio, you will continue to utilize the elements and principles of design with an exploration into the professions of graphic, product, and industrial design. Through an organized experimentation of traditional art media you will create images that convey a message or concept. You will use a variety of traditional art media such as drawing, painting, printmaking and commercial art materials as well as digital equipment and computers to create 2-D and 3-D models. Good composition, visual organization, development of creative thinking and visual problem solving will be emphasized and developed throughout the course.

COURSE NOTE: Additional fees required.
CREDIT: 0.5 TYPE: Regular GRADE: 10-12
COREQUISITES: If you take this course, you must also take 820A - DESIGN STUDIO A

2D DIGITAL PHOTOGRAPHY A

As a student in the 2D Digital Photography course you will become a skilled visual communicator using the latest digital imaging software. The course emphasizes the artistic potential of the photographic medium and many traditional and alternative photographic techniques. You will learn to utilize all aspects of your camera, compose great photographs and ultimately manipulate the digital images in preparation for publishing them to an online source. You will grow in creativity and inventiveness and build a solid technical competency. (A digital camera is not required for this course.)

COURSE NOTE: Additional fees required.
CREDIT: 0.5 TYPE: Regular GRADE: 9-12
COREQUISITES: If you take this course, you must also take 816B - 2D DIGITAL PHOTOGRAPHY B

2D DIGITAL PHOTOGRAPHY B

As a student in the 2D Digital Photography course you will become a skilled visual communicator using the latest digital imaging software. The course emphasizes the artistic potential of the photographic medium and many traditional and alternative photographic techniques. You will learn to utilize all aspects of your camera, compose great photographs and ultimately manipulate the digital images in preparation for publishing them to an online source. You will grow in creativity and inventiveness and build a solid technical competency. (A digital camera is not required for this course.)

COURSE NOTE: Additional fees required.
CREDIT: 0.5 TYPE: Regular GRADE: 9-12
COREQUISITES: If you take this course, you must also take 816A - 2D DIGITAL PHOTOGRAPHY A
2D ADVANCED DIGITAL PHOTOGRAPHY A 817A

As a student in the 2D Advanced Digital Photography course, you will continue to build aesthetic judgment and develop and refine your personal vision as you explore photography and digital imaging techniques through a range of preferred subject matter. You are introduced to new artists and your efforts are concentrated on visual experimentation, conceptual sophistication, and imaginative solutions as you investigate all three aspects of the AP portfolio (Quality, Concentration, and Breadth).

COURSE NOTE: Additional fees required.

CREDIT: 0.5  TYPE: Laude  GRADE: 10-12

PREREQUISITE: Digital Photography or Consent of the Instructor.

COREQUISITES: If you take this course, you must also take 817B - 2D ADVANCED DIGITAL PHOTOGRAPHY B

2D ADVANCED DIGITAL PHOTOGRAPHY B 817B

As a student in the 2D Advanced Digital Photography course, you will continue to build aesthetic judgment and develop and refine your personal vision as you explore photography and digital imaging techniques through a range of preferred subject matter. You are introduced to new artists and your efforts are concentrated on visual experimentation, conceptual sophistication, and imaginative solutions as you investigate all three aspects of the AP portfolio (Quality, Concentration, and Breadth).

COURSE NOTE: Additional fees required.

CREDIT: 0.5  TYPE: Laude  GRADE: 10-12

PREREQUISITE: Digital Photography or Consent of the Instructor.

COREQUISITES: If you take this course, you must also take 817A - 2D ADVANCED DIGITAL PHOTOGRAPHY A

2D ART & DESIGN A 831A

As a student in 2D Art & Design you will explore the foundations of art as you are guided through an organized experimentation of tradition art media to create images that convey a message or concept. A variety of media is used including: watercolor, acrylic, oil, pastels, inks, dyes, collage, and digital media including film and photography. Creativity, Design, Intent, aesthetics, craftsmanship and originality will be assessed through the use of the elements and principles of design. Good composition, visual organization, development of creative thinking, and visual problem solving will be emphasized through studio projects, visual thinking and art criticism.

CREDIT: 0.5  TYPE: Regular  GRADE: 9-12

COREQUISITES: If you take this course, you must also take 831B - 2D ART & DESIGN B
2D ART & DESIGN B
As a student in 2D Art & Design you will explore the foundations of art as you are guided through an organized experimentation of tradition art media to create images that convey a message or concept. A variety of media is used including: watercolor, acrylic, oil, pastels, inks, dyes, collage, and digital media including film and photography. Creativity, Design, Intent, aesthetics, craftsmanship and originality will be assessed through the use of the elements and principles of design. Good composition, visual organization, development of creative thinking, and visual problem solving will be emphasized through studio projects, visual thinking and art criticism.

CREDIT: 0.5 TYPE: Regular GRADE: 9-12
COREQUISITES: If you take this course, you must also take 831A - 2D ART & DESIGN A

2D CARTOONING & ILLUSTRATION A
As a student in 2D Cartooning & Illustration, you will have the opportunity to work and create works of art to communicate entertaining and effective narratives through the use of words and pictures. The course will encompass formats such as graphic novels, comic books, comic strips, children's books, caricature, and storyboards for film and animation. You will work with various traditional media including drawing, painting, and printmaking as well as digital media with programs such as Adobe Photoshop and Adobe Illustrator while developing a more personal and expressive style.

CREDIT: 0.5 TYPE: Regular GRADE: 9-12
COREQUISITES: If you take this course, you must also take 832B - 2D CARTOONING & ILLUSTRATION B

2D CARTOONING & ILLUSTRATION B
As a student in 2D Cartooning & Illustration, you will have the opportunity to work and create works of art to communicate entertaining and effective narratives through the use of words and pictures. The course will encompass formats such as graphic novels, comic books, comic strips, children's books, caricature, and storyboards for film and animation. You will work with various traditional media including drawing, painting, and printmaking as well as digital media with programs such as Adobe Photoshop and Adobe Illustrator while developing a more personal and expressive style.

CREDIT: 0.5 TYPE: Regular GRADE: 9-12
COREQUISITES: If you take this course, you must also take 832A - 2D CARTOONING & ILLUSTRATION A
### 3D CERAMICS A (806A)

3D Ceramics introduces individuals to sculptural ideas executed in various ceramic hand construction techniques including pinch, slab, coil, throwing on the potter’s wheel, and press mold. You will explore how the unique physical characteristics of clay can contribute to the content of the work. Construction strategies will be examined in a conceptual context. In addition, you will develop a variety of approaches to surface techniques including relief, drawing, printing, glazing, and slip painting. You are encouraged to follow 3D Ceramics with 3D Ceramics Advanced.

**COURSE NOTE:** May require additional fees.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 9-12

**COREQUISITES:** If you take this course, you must also take 806B - 3D CERAMICS B

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### 3D CERAMICS B (806B)

3D Ceramics introduces individuals to sculptural ideas executed in various ceramic hand construction techniques including pinch, slab, coil, throwing on the potter’s wheel, and press mold. You will explore how the unique physical characteristics of clay can contribute to the content of the work. Construction strategies will be examined in a conceptual context. In addition, you will develop a variety of approaches to surface techniques including relief, drawing, printing, glazing, and slip painting. You are encouraged to follow 3D Ceramics with 3D Ceramics Advanced.

**COURSE NOTE:** May require additional fees.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 9-12

**COREQUISITES:** If you take this course, you must also take 806A - 3D CERAMIC A

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### 3D CERAMICS ADVANCED A (807A)

As a student in 3D Ceramics Advanced, you will continue to develop and improve your hand building and wheel thrown construction techniques as you personalize the conceptual aspects of your work. We will focus your individual strengths through challenging design problems. Surface embellishment techniques of glazing, glaze formulation, and tie firing process will be explored in depth.

**COURSE NOTE:** May require additional fees.

**CREDIT:** 0.5  
**TYPE:** Laude  
**GRADE:** 10-12

**PREREQUISITE:** Ceramics or Consent of Instructor.

**COREQUISITES:** If you take this course, you must also take 807B - 3D CERAMICS ADVANCED B
3D CERAMICS ADVANCED B  

As a student in 3D Ceramics Advanced, you will continue to develop and improve your hand building and wheel thrown construction techniques as you personalize the conceptual aspects of your work. We will focus your individual strengths through challenging design problems. Surface embellishment techniques of glazing, glaze formulation, and firing process will be explored in depth.

COURSE NOTE: May require additional fees.

CREDIT: 0.5  TYPE: Laude  GRADE: 10-12

PREREQUISITE: Ceramics or Consent of Instructor.

COREQUISITES: If you take course, you must also take 807A - 3D CERAMICS ADVANCED A

3D SCULPTURE A  

3D Sculpture is meant for people who like to carve, shape, assemble, hew, chop, model, craft, form, cut, emboss, mold, cast, join, craft, agglutinate, screw, abrade, weld, chip, scrape, craft, glue, solder, braze, emboss, join, sew, inflate, melt, extrude, bake, throw, stuff, craft, agglomerate, turn, saw, forge, burn, grind, blast, excavate, pile, bend, fold, stucco, craft, mortar, cooper, grow, rout, freeze, laminate, bind, bolt, and build to their hearts content in any scale and in any material (as long as it is not toxic or too stinky). This course explores various types of notations and drawings, both descriptive and expressive, which are created for sculptural project students investigate perceptual drawing, sketchbook-diaries, and schematics. Class discussions address questions such as how to make proposals for large-scale sculpture. Emphasis is on physicality and production. General concepts of sculpture from idea to form and from materials to methods are explored. You are encouraged to continue your exploration in 3D Sculpture Advanced.

CREDIT: 0.5  TYPE: Regular  GRADE: 9-12

COREQUISITES: If you take this course, you must also 833B - 3D SCULPTURE B
3D SCULPTURE B  

3D Sculpture is meant for people who like to carve, shape, assemble, hew, chop, model, craft, form, cut, emboss, mold, cast, join, craft, agglutinate, screw, abrade, weld, chip, scrape, craft, glue, solder, braze, emboss, join, sew, innate, melt, extrude, bake, throw, stuff, craft, agglomerate, turn, saw, forge, burn, grind, blast, excavate, pile, bend, fold, stucco, craft, mortar, cooper, grow, rout, freeze, laminate, bind, bolt, and build to their hearts content in any scale and in any material (as long as it is not toxic or too stinky). This course explores various types of notations and drawings, both descriptive and expressive, which are created for sculptural project. Investigate perceptual drawing, sketchbook-diaries, and schematics. Class discussions address questions such as how to make proposals for large-scale sculpture. Emphasis is on physicality and production. General concepts of sculpture from idea to form and from materials to methods are explored. You are encouraged to continue your exploration in 3D Sculpture Advanced.

CREDIT: 0.5

COREQUISITES: If you take this course, you must also take 833A - 3D SCULPTURE A

3D SCULPTURE ADVANCED A  

3D Sculpture Advanced is meant for people who like to carve, shape, assemble, hew, chop, model, craft, form, cut, emboss, mold, cast, join, craft, agglutinate, screw, abrade, weld, chip, scrape, craft, glue, solder, braze, emboss, join, sew, inflate, melt, extrude, bake, throw, stuff, craft, agglomerate, turn, saw, forge, burn, grind, blast, excavate, pile, bend, fold, stucco, craft, mortar, cooper, grow, rout, freeze, laminate, bind, bolt, and build to their hearts content in any scale and in any material (as long as it is not toxic or too stinky). This course explores various types of notations and drawings, both descriptive and expressive, which are created for sculptural projects. Students investigate perceptual drawing, sketchbook diaries, and schematics. Class discussions address questions such as how to make proposals for large-scale sculpture. Emphasis is on physicality and production. General concepts of sculpture from idea to form and from materials to methods are explored. You are encouraged to continue your exploration in AP Studio Art 3D.

CREDIT: 0.5

COREQUISITES: If you take this course, you must also take 834B - 3D SCULPTURE ADVANCED B
3D SCULPTURE ADVANCED B

3D Sculpture Advanced is meant for people who like to carve, shape, assemble, hew, chop, model, craft, form, cut, emboss, mold, cast, join, craft, agglutinate, screw, abrade, weld, chip, scrape, craft, glue, solder, braze, emboss, join, sew, inflate, melt, extrude, bake, throw, stuff, craft, agglomerate, turn, saw, forge, burn, grind, blast, excavate, pile, bend, fold, stucco, craft, mortar, cooper, grow, rout, freeze, laminate, bind, bolt, and build to their hearts content in any scale and in any material (as long as it is not toxic or too stinky). This course explores various types of notations and drawings, both descriptive and expressive, which are created for sculptural project. Students investigate perceptual drawing, sketchbook diaries, and schematics. Class discussions address questions such as how to make proposals for large-scale sculpture. Emphasis is on physicality and production. General concepts of sculpture from idea to form and from materials to methods are explored. You are encouraged to continue your exploration in AP Studio Art 3D.

CREDIT: 0.5  TYPE: Laude  GRADE: 10-12

COREQUISITES: If you take this course, you must also take 834A - 3D SCULPTURE ADVANCED A

DIGITAL VIDEO

As a student in Digital Video, you will be introduced to creating works of time-based media in the format of digital video, traditional animation, installation art and experimental video. Work will be done in aspects of film and video including directing, production, editing, sound design, cinematography, and storyboarding. You will learn to develop, shoot, and-edit your own work using video equipment and computer software.

COURSE NOTE: Additional fees required.

CREDIT: 0.5  TYPE: Regular  GRADE: 9-12

ADVANCED DIGITAL VIDEO

As a student in Advanced Digital Video, you are a part of a select group of students who have performed well in the introductory Video Course and have a real interest in television, video, film, or other communication professions. You will continue developing lab experiences through working independently or in groups to create special long-term projects that may vary from a few weeks to a month. This course will allow you to work with technical and aesthetic aspects of small format digital production and how its manipulation can express one’s individual message or purpose. You will apply the principles of art and technology in projects, such as short films, documentaries, and promotional videos.

COURSE NOTE: Additional fees required.

CREDIT: 0.5  TYPE: Laude  GRADE: 10-12

PREREQUISITE: Digital Video or consent of the Instructor.
As a student in AP Studio Art, you will create a portfolio of college-level work, which will be submitted to the AP College Board for evaluation at the end of the school year. A qualifying portfolio score enables you to earn college credit and/or advanced placement. The AP Course offers three portfolios: Drawing, 2-D Design and 3-D Design. Each portfolio contains three required sections: Quality, Concentration and Breadth.

COURSE NOTE: May require additional fees.

CREDIT: 0.5  TYPE: Advanced Placement/Laude  GRADE: 10-12

COREQUISITES: If you take this course, you must also take 823B - AP STUDIO ART : DRAWING B

As a student in AP Studio Art, you will create a portfolio of college-level work, which will be submitted to the AP College Board for evaluation at the end of the school year. A qualifying portfolio score enables you to earn college credit and/or advanced placement. The AP Course offers three portfolios: Drawing, 2-D Design and 3-D Design. Each portfolio contains three required sections: Quality, Concentration and Breadth.

COURSE NOTE: May require additional fees.

CREDIT: 0.5  TYPE: Advanced Placement/Laude  GRADE: 10-12

COREQUISITES: If you take this course, you must also take 823A - AP STUDIO ART : DRAWING A

As a student in AP Studio Art, you will create a portfolio of college-level work, which will be submitted to the AP College Board for evaluation at the end of the school year. A qualifying portfolio score enables you to earn college credit and/or advanced placement. The AP Course offers three portfolios: Drawing, 2-D Design and 3-D Design. Each portfolio contains three required sections: Quality, Concentration and Breadth.

COURSE NOTE: May require additional fees.

CREDIT: 0.5  TYPE: Advanced Placement/Laude  GRADE: 10-12

COREQUISITES: If you take this course, you must also take 824B - AP STUDIO ART : 2D DESIGN B
AP STUDIO ART : 2D DESIGN B  

As a student in AP Studio Art, you will create a portfolio of college-level work, which will be submitted to the AP College Board for evaluation at the end of the school year. A qualifying portfolio score enables you to earn college credit and/or advanced placement. The AP Course offers three portfolios: Drawing, 2-D Design and 3-D Design. Each portfolio contains three required sections: Quality, Concentration and Breadth.

COURSE NOTE: May require additional fees.

CREDIT: 0.5  
TYPE: Advanced Placement/Laude  
GRADE: 10-12

COREQUISITES: If you take this course, you must also take 824A - AP STUDIO ART : 2D DESIGN A

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AP STUDIO ART : 3D DESIGN A  

As a student in AP Studio Art, you will create a portfolio of college-level work, which will be submitted to the AP College Board for evaluation at the end of the school year. A qualifying portfolio score enables you to earn college credit and/or advanced placement. The AP Course offers three portfolios: Drawing, 2-D Design and 3-D Design. Each portfolio contains three required sections: Quality, Concentration and Breadth.

COURSE NOTE: May require additional fees.

CREDIT: 0.5  
TYPE: Advanced Placement/Laude  
GRADE: 10-12

COREQUISITES: If you take this course, you must also take 825B - AP STUDIO ART : 3D DESIGN B

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AP STUDIO ART : 3D DESIGN B  

As a student in AP Studio Art, you will create a portfolio of college-level work, which will be submitted to the AP College Board for evaluation at the end of the school year. A qualifying portfolio score enables you to earn college credit and/or advanced placement. The AP Course offers three portfolios: Drawing, 2-D Design and 3-D Design. Each portfolio contains three required sections: Quality, Concentration and Breadth.

COURSE NOTE: May require additional fees.

CREDIT: 0.5  
TYPE: Advanced Placement/Laude  
GRADE: 10-12

COREQUISITES: If you take this course, you must also take 825A - AP STUDIO ART : 3D DESIGN A
MARCHING BAND 163305

Marching Band is an organization combined from Symphonic Band and Concert Band. Marching Band is required of all students in the band program. Marching Band will begin rehearsals in mid-August in order to prepare for football halftime performances. The Marching Band will also perform in several parades during the year along with participation in various competitions.

CREDIT: O TYPE: Regular GRADE: 9-12

SYMPHONIC BAND A 851A

Symphonic Band is an advanced performance oriented musical organization which emphasizes the study of music in various styles and periods through performance. Symphonic Band is a performing organization which participates in concerts, contests, sectionals, small group and private lessons. All rehearsals and performances in and out of the school day are required and graded. Performances include the Veteran's Day Assembly, Christmas Concert, District Concert Festival, Spaghetti Dinner fundraiser and Spring Concert. Students will perform in the Homecoming Parade and Halftime Show and Memorial Day Parade/Ceremony. Some pep band will also be required at select home athletic event. Commitment to this group is a basic expectation of this course.

COURSE NOTE: Freshmen must audition for entrance into SYMPHONIC BAND.

CREDIT: 0.5 TYPE: Regular GRADE: 9-12

PREREQUISITE: Advanced Skills, Audition and Approval of Instructor (Freshmen must audition for entrance into SYMPHONIC BAND).

COREQUISITES: If you take this course, you must also take 851B - SYMPHONIC BAND B
SYMPHONIC BAND B 851B

Symphonic Band is an advanced performance oriented musical organization which emphasizes the study of music in various styles and periods through performance. Symphonic Band is a performing organization which participates in concerts, contests, sectionals, small group and private lessons. All rehearsals and performances in and out of the school day are required and graded. Performances include the Veteran's Day Assembly, Christmas Concert, District Concert Festival, Spaghetti Dinner fundraiser and Spring Concert. Students will perform in the Homecoming Parade and Halftime Show and Memorial Day Parade/Ceremony. Some pep band will also be required at select home athletic events. Commitment to this group is a basic expectation of this course.

COURSE NOTE: Freshmen must audition for entrance into Symphonic Band.

CREDIT: 0.5  TYPE: Regular  GRADE: 9-12

PREREQUISITE: Advanced Skills, Audition and Approval of Instructor (Freshmen must audition for entrance into Symphonic Band).

COREQUISITES: If you take this course, you must also take 851A - SYMPHONIC BAND A

CONCERT BAND A 852A

Concert Band is a performance oriented musical organization designed to continue the advancement of skills required to perform at an intermediate level. Students who already read music and can play an instrument, but desire to learn an ADDITIONAL instrument, are encouraged to enroll in Concert Band (with prior consent of director). All rehearsals in and out of the school day are required and graded. Performances include the Christmas Concert, District Concert Festival, Spaghetti Dinner fundraiser and Spring Concert. Students will perform in the Homecoming Parade and Halftime Show and Memorial Day Parade/Ceremony. Some pep band will also be required at select home athletic event. Commitment to this group is a basic expectation of this course.

CREDIT: 0.5  TYPE: Regular  GRADE: 9-12

PREREQUISITE: Previous band experience preferred but not required.

COREQUISITES: If you take this course, you must also take 852B - CONCERT BAND B
CONCERT BAND B 852B

Concert Band is a performance oriented musical organization designed to continue the advancement of skills required to perform at an intermediate level. Students who already read music and can play an instrument, but desire to learn an ADDITIONAL instrument, are encouraged to enroll in Concert Band (With prior consent of director). All rehearsals in and out of the school day are required and graded. Performances include the Christmas Concert, District Concert Festival, Spaghetti Dinner fundraiser and Spring Concert. Students will perform in the Homecoming Parade and Halftime Show and Memorial Day Parade/Ceremony. Some pep band will also be required at select home athletic events. Commitment to this group is a basic expectation of this course.

CREDIT: 0.5  TYPE: Regular  GRADE: 9-12

PREREQUISITE: Previous band experience preferred but not required.

COREQUISITES: If you take this course, you must also take 852A - CONCERT BAND A

MUSIC APPRECIATION 853

Music Appreciation broadens the student's interest in music through listening to a wide variety of music, including both serious and popular music of various periods. Studies include: Western European music from the middle ages through the classical period, the history of jazz, the history of musical theater, electronic music, the history of pop music and the history of rock and roll. The mission of Music Appreciation is to bridge the gap between hearing music and listening to music.

CREDIT: 0.5  TYPE: Regular  GRADE: 9-12

JAZZ CENTRAL A 855A

Jazz Central is a group of advanced band students studying and performing jazz in a variety of styles including swing, bebop, Latin, and jazz/rock fusion. The instrumentation of the band consists of: 5 Saxophones (2 Altos, 2 Tenors, and Baritone), 4 Trumpets, 4 Trombones, Piano, Bass, Guitar, and Drum Set. Every effort is made to maintain this instrumentation, although exceptions can be made. This group performs concerts and community programs throughout the school year. In addition, they also participate in several contests, festivals and competitions. All rehearsals and performances in and out of the school day are required and graded. Along with performing many styles of music, Jazz Central students study music theory and improvisation techniques. Commitment to this group is a basic expectation of this course.

CREDIT: 0.5  TYPE: Laude  GRADE: 9-12

PREREQUISITE: Advanced skills, Audition and Approval of Instructor is required.

COREQUISITES: If you take this course, you must also take 855B - JAZZ CENTRAL B
JAZZ CENTRAL B 855B

Jazz Central is a group of advanced band students studying and performing jazz in a variety of styles including swing, bebop, Latin, and jazz/rock fusion. The instrumentation of the band consists of: 5 Saxophones (2 Alts, 2 Tenors, and Baritone), 4 Trumpets, 4 Trombones, Piano, Bass, Guitar, and Drum Set. Every effort is made to maintain this instrumentation, although exceptions can be made. This group performs concerts and community programs throughout the school year. In addition, they also participate in several contests, festivals and competitions. All rehearsals and performances in and out of the school day are required and graded. Along with performing many styles of music, Jazz Central students study music theory and improvisation techniques. Commitment to this group is a basic expectation of this course.

CREDIT: 0.5  TYPE: Laude  GRADE: 9-12

PREREQUISITE: Advanced skills, Audition and Approval of Instructor is required.

COREQUISITES: If you take course, you must also take 855A - JAZZ CENTRAL A

CENTRAL SWING, INC. A 861A

Central Swing, Inc. is a choral group which performs frequently throughout the school year. Attendance is required at all shows. Students are additionally required to take lessons and to take a vocal solo or ensemble to the solo and ensemble contest offered in the spring. The course objectives are to team, understand and develop the highest popular, swing and madrigal forms of music and develop the ability to use various forms of dance choreography in conjunction with the music. The course is open to soprano, alto, tenor and bass baritone voices. (These singers audition the previous year and should demonstrate above average musical and performance skills. Students of this organization are strongly encouraged to have taken, or be taking, one of the other vocal/choral classes.)

CREDIT: 0.5  TYPE: Laude  GRADE: 9-12

PREREQUISITE: Audition.

COREQUISITES: If you take this course, you must also take 861B - CENTRAL SWING, INC. B
CENTRAL SWING, INC. B 861B

Central Swing, Inc. is a choral group which performs frequently throughout the school year. Attendance is required at all shows. Students are additionally required to take lessons and to take a vocal solo or ensemble to the solo and ensemble contest offered in the spring. The course objectives are to team, understand and develop the highest popular, swing and madrigal forms of music and develop ability to use various forms of dance choreography in conjunction with the music. The course is open to soprano, alto, tenor and bass baritone voices. (These singers audition the previous year and should demonstrate above average musical and performance skills. Students of this organization are strongly encouraged to have taken, or be taking, one of the other vocal/choral classes.)

CREDIT: 0.5  TYPE: Laude  GRADE: 9-12

PREREQUISITE: Audition.

COREQUISITES: If you take this course, you must also take 861A - CENTRAL SWING, INC. A

CONCERT CHOIR A 862A

The Concert Choir is a major performing organization. Advanced techniques of vocal production, sight reading, notation, style, form, and some basic piano playing are reinforced, as well as developing a balanced soprano/alto/tenor/bass ensemble. The level of these skills increases with each year of choir experience. Several large group concerts throughout the year, a vocal education trip and/or performance, the opportunity to participate in the Local, District and State Solo Ensemble Contest, a student recital, the All-School Musical, the All-School Variety Show and other miscellaneous events are intended for students to enjoy a well-rounded vocal/choral experience. (These singers audition the previous year and should demonstrate above average musical and performance skills. Students of this organization are strongly encouraged to have taken, or be taking, one of the other vocal/choral classes.)

CREDIT: 0.5  TYPE: Laude  GRADE: 9-12

PREREQUISITE: Choral Experience and Audition.

COREQUISITES: If you take this course, you must also take 862B - CONCERT CHOIR B
CONCERT CHOIR B 862B

The Concert Choir is a major performing organization. Advanced techniques of vocal production, sight reading, notation, style, form, and some basic piano playing are reinforced, as well as developing a balanced soprano/alto/tenor/bass ensemble. The level of these skills increases with each year of choir experience. Several large group concerts throughout the year, a vocal education trip and/or performance, the opportunity to participate in the Local, District and State Solo Ensemble Contest, a student recital, the All-School Musical, the All-School Variety Show and other miscellaneous events are intended for students to enjoy a well-rounded vocal/choral experience. (These singers audition the previous year and should demonstrate above average musical and performance skills. Students of this organization are strongly encouraged to have taken, or be taking, one of the other vocal/choral classes.)

CREDIT: 0.5  TYPE: Laude  GRADE: 9-12

PREREQUISITE: Choral Experience and Audition.

COREQUISITES: If you take this course, you must also take 862A - CONCERT CHOIR A

CHORALIERS A 863A

This primary soprano/alto/tenor/bass ensemble of Choraliers studies basic vocal production, sight reading, notation, and some basic piano playing. The challenge of these skills increases with each year of choir experience. The opportunity to participate in Local, District and State Solo Ensemble Contests, large group concerts, the All-School Musical, the All-School Variety Show, and other miscellaneous events are intended for students to enjoy a well-rounded vocal/choral experience. Students are required to perform at three concerts, a choir festival, and a district choir contest.

CREDIT: 0.5  TYPE: Regular  GRADE: 9-12

PREREQUISITE: Choral Experience Helpful.

COREQUISITES: If you take this course, you must also take 863B - CHORALIERS B

CHORALIERS B 863B

This primary soprano/alto/tenor/bass ensemble of Choraliers studies basic vocal production, sight reading, notation, and some basic piano playing. The challenge of these skills increases with each year of choir experience, the opportunity to participate in Local, District and State Solo Ensemble Contests, large group concerts, the All-School Musical, the All-School Variety Show, and other miscellaneous events are intended for Students to enjoy a well-rounded vocal/choral experience. Students are required to perform at three concerts, a choir festival, and a district choir contest.

CREDIT: 0.5  TYPE: Regular  GRADE: 9-12

PREREQUISITE: Choral Experience Helpful.

COREQUISITES: If you take this course, you must also take 863A - CHORALIERS A
**GIRLS' ENSEMBLE A**

GIRLS' ENSEMBLE A 864A

The Girls' Ensemble is for girls who are sopranos or altos, in combinations of SSA or SSAA. Basic vocal production, sight reading, notation, a variety of vocal styles, and some basic piano playing comprise the content of this course. The challenge of these skills increases with each year of choir experience. The opportunity to participate in the Local, District and State Solo Musical and Variety Shows and other miscellaneous events are intended for Students to enjoy a well-rounded vocal/choral experience. Students are required to perform at three concerts, a choir festival and a district choir contest.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 9-12

**PREREQUISITE:** Choral Experience Helpful.

**COREQUISITES:** If you take this course, you must also take 864B - GIRLS' ENSEMBLE B

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**GIRLS' ENSEMBLE B**

GIRLS' ENSEMBLE B 864B

The Girls' Ensemble is for girls who are sopranos or altos, in combinations of SSA or SSAA. Basic vocal production, sight reading, notation, a variety of vocal styles, and some basic piano playing comprise the content of this course. The challenge of these skills increases with each year of choir experience. The opportunity to participate in the Local, District and State Solo Musical and Variety Shows and other miscellaneous events are intended for Students to enjoy a well-rounded vocal/choral experience. Students are required to perform at three concerts, a choir festival and a district choir contest.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 9-12

**PREREQUISITE:** Choral Experience Helpful.

**COREQUISITES:** If you take this course, you must also take 864A - GIRLS' ENSEMBLE A

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**VOCAL JAZZ A**

VOCAL JAZZ A 869A

Vocal Jazz is a course for advanced choir including studying and performing jazz in a variety of styles including swing, bebop, Latin, and jazz/rock fusion. The vocalization consists of: Soprano I, II, Alto I, II, Tenor, and Bass. Students will sing a cappella as well as have a full accompaniment. Students will perform concert and community programs throughout the school year. In addition, students will participate in several contests, festivals and competitions. All rehearsals and performances in and out of the school day are required and graded. Vocal Jazz students study music theory and improvisation techniques. Commitment is a basic expectation of this course.

**CREDIT:** 0.5  
**TYPE:** Laude  
**GRADE:** 10-12

**PREREQUISITE:** A minimum of one-year choral work is required (either Choraliers, Concert Choir, or CSI)

**COREQUISITES:** If you take this course, you must also take 869B - VOCAL JAZZ B
VOCAL JAZZ B 869B

Vocal Jazz is a course for advanced choir including studying and performing jazz in a variety of styles including swing, bebop, Latin, and jazz/rock fusion. The vocalization consists of: Soprano I, II, Alto I, II, Tenor, and Bass. Students will sing a cappella as well as have a full accompaniment. Students will perform concert and community programs throughout the school year. In addition, students will participate in several contests, festivals and competitions. All rehearsals and performances in and out of the school day are required and graded. Vocal Jazz students study music theory and improvisation techniques. Commitment is a basic expectation of this course.

CREDIT: 0.5  TYPE: Laude  GRADE: 10-12

COREQUISITES: If you take this course, you must also take 869A - VOCAL JAZZ A

HONORS WIND ENSEMBLE A 868A

Wind Ensemble is an advanced performance oriented musical organization which emphasizes the study of music in various styles and periods through performance. Wind Ensemble is a course for the mature, advanced instrumentalists. Students in this course will study various elements of music through performance, including theory, history, style and form. Participation in concerts, contest sectionals, small group and private lessons is required. Students enrolled in this course are expected to be self-motivated and have a high expectation of excellence in performance. Wind Ensemble is an advanced performance oriented musical organization which emphasizes the study of music in various styles and periods through performance. All rehearsals and performances in and out of the school day are required and graded. Performances include the Christmas Concert, District Concert Festival, Spaghetti Dinner fundraiser and Spring Concert. Students will perform in the CHS Homecoming Parade and Halftime Show and Memorial Day Parade/Ceremony. Some pep band will also be required at select home athletic events. Commitment to this group is a basic expectation of this course.

CREDIT: 0.5  TYPE: Honors/Laude  GRADE: 11-12

PREREQUISITE: Advanced skills, Audition and Approval of Instructor (Student must be a previous member of Concert Band, Symphonic Band or Jazz Central).

COREQUISITES: If you take this course, you must also take 868B - HONORS WIND ENSEMBLE B
HONORS WIND ENSEMBLE B  

Wind Ensemble is an advanced performance oriented musical organization which emphasizes the study of music in various styles and periods through performance. Wind Ensemble is a course for the mature, advanced instrumentalists. Students in this course will study various elements of music through performance, including theory, history, style and form. Participation in concerts, contests, sectionals, small group and private lessons is required. Students enrolled in this course are expected to be self-motivated and have a high expectation of excellence in performance. All rehearsals and performances in and out of the school day are required and graded. Performances include the Christmas Concert, District Concert Festival, Spaghetti Dinner fundraiser and Spring Concert. Students will perform in the CHS Homecoming Parade and Halftime Show and Memorial Day Parade/Ceremony. Some pep band will also be required at select home athletic event. Commitment to this group is a basic expectation of this course.

CREDIT: 0.5  
TYPE: Honors/Laude  
GRADE: 11-12

PREREQUISITE: Advanced skills, Audition and Approval of Instructor (Student must be a previous member of Concert Band, Symphonic Band or Jazz Central).

COREQUISITES: If you take this course, you must also take 868A - HONORS WIND ENSEMBLE A
WEB DESIGN & SOCIAL MEDIA

Web Design & Social Media is designed for those who want to learn the design, creation, and maintenance of websites, search engine optimization, social media and blogging. The course is strictly set up and run like a real business so students get hands on experience in all aspects of the business entity. Students become the webmasters in helping to create and maintain Central High School's website, app and social media posts. The course progresses from maintaining the CHS website, learning web design tools, hands-on approaches to uploading their websites to the World Wide Web using FTP, to culminating projects in which students design and develop websites for local community organizations and affiliate websites. Search Engine Optimization is a focus throughout this course in getting students the knowledge on how to market their websites once they are up on the web. A variety of social media lessons and platforms are introduced to ensure students understand how social media can be used as a productive marketing tool. Students will have the opportunity to put web design and social media together in creating a website and a social media campaign for a local business. Students in the course will benefit and understand why businesses today are using sophisticated web pages and social media account to market their company. Students will also learn the types of careers that are available to become a successful Web Designer/Social Media Specialist and learn the proper business etiquette techniques to develop a marketable webpage.

CREDIT: 0.5  TYPE: Regular  GRADE: 9-12

IT ESSENTIALS A

Do computers intrigue you? Do you want to learn how to build, configure, upgrade, troubleshoot and repair computers? Are you interested in the IT field? Want to earn college credit? This college course, IT Essentials, focuses on the relationship between hardware and systems software. The course topics include PCs, peripherals, networking, security, troubleshooting, and communication skills. We will be using CSCO training modules as well as actual computers to learn on and practice your skills. IT Essentials is an introductory course that presents a foundation toward the pursuit of an IT degree and CompTIA A+ Certification. This is an actual college course and will earn you three college credits that can be applied at Gateway, or any other state school that accepts transfer credits.

COURSE NOTE: Requires additional fees for PC repair equipment (that students keep), USB drive required.

CREDIT: 0.5  TYPE: Gateway Transcripted/Laude  GRADE: 9-12

COREQUISITES: If you take this course, you must also take 763B - IT ESSENTIALS B
IT ESSENTIALS B

Do computers intrigue you? Do you want to learn how to build, configure, upgrade, troubleshoot and repair computers? Are you interested in the IT field? Want to earn college credit? This college course, IT Essentials, focuses on the relationship between hardware and systems software. The course topics include PCs, peripherals, networking, security, troubleshooting, and communication skills. We will be using CISCO training modules as well as actual computers to learn on and practice your skills. IT Essentials is an introductory course that presents a foundation toward the pursuit of an IT degree and CompTIA A+ Certification. This is an actual college course and will earn you three college credits that can be applied at Gateway, or any other state school that accepts transfer credits.

COURSE NOTE: Requires additional fees for PC repair equipment (that students keep), USB drive required.

CREDIT: 0.5  TYPE: Gateway Transcripted/Laude  GRADE: 9-12

COREQUISITES: If you take this course, you must also take 763A - IT ESSENTIALS A

INTRO TO NETWORKING/WEB CONCEPTS A

Does the internet intrigue you? Do you want to learn how networks and websites actually work? Have you ever wondered what is actually going on behind the scenes? This course will introduce networking and web concepts. Topics will include the Internet, OSI model, wireless, security, logical and physical topologies, hacking, and web pages. Individuals will learn real world skills related to employment. This is an actual college course and will earn you three college credits that can be applied at Gateway, or any other state school that accept transfer credits.

This course is offered every other year and is being offered in the 2020/2021 school year and again for 2022/2023.

COURSE NOTE: May require additional lab fees, USB drive required.

CREDIT: 0.5  TYPE: Gateway Transcripted/Laude  GRADE: 10-12

PREREQUISITE: C+ grade or better in IT Essentials A and B, or Instructor's approval.

COREQUISITES: If you take this course, you must also take 764B - INTRO TO NETWORKING/WEB CONCEPTS B
INTRO TO NETWORKING/WEB CONCEPTS B  764B

Does the internet intrigue you? Do you want to learn how networks and websites actually work? Have you ever wondered what is actually going on behind the scenes? This course will introduce networking and web concepts. Topics will include the Internet, OSI model, wireless, security, logical and physical topologies, hacking, and web pages. Individuals will learn real world skills related to employment. This is an actual college course and will earn you three college credits that can be applied at Gateway, or any other state school that accepts transfer credits.

This course is offered every other year and is being offered in the 2020/2021 school year and again for 2022/2023.

COURSE NOTE: May require additional lab fees, USB drive required.

CREDIT: 0.5  TYPE: Gateway Transcribed/Laude  GRADE: 10-12

PREREQUISITE: C+ grade or better in IT Essentials A and B, or Instructor's approval.

COREQUISITES: If you take this course, you must also take 764A - INTRO TO NETWORKING/WEB CONCEPTS A

INTRODUCTION TO PROGRAMMING & DATABASE  22642

Host School: Gateway Technical College (4 College Credit)

This class will introduce students to the structures, logic, and controls of programming techniques and database applications. Students will be able to develop a program that will utilize a database.

*This is a Distance Learning course. CHS and Gateway credit will be awarded upon successful completion of the course. The student's grade for this course will be reflected on his/her transcript but will not factor into his/her high school GPA.

CREDIT: 1  TYPE: College/Distance Learning/Laude  GRADE: 11-12

CREDIT EQUIVALENTS: 22644 - MOBILE DEVICE APPLICATION PROGRAMMING is a similar course and you will not receive credit for taking both.

MICROCOMPUTER PROGRAMMING ADVANCED  22643

Host School: Gateway Technical College (3 College Credit)

This class will examine trends in microcomputer program development including: use of objects, database access, receiving user input, displaying output, error handling, application controls, and online assistance.

*This is a Distance Learning course. CHS and Gateway credit will be awarded upon successful completion of the course. The student's grade for this course will be reflected on his/her transcript but will not factor into his/her high school GPA.

CREDIT: 0.75  TYPE: College/Distance Learning/Laude  GRADE: 11-12

PREREQUISITE: 22642 – Introduction to Programming & Database
MOBILE DEVICE APPLICATION PROGRAMMING

Host School: Gateway Technical College (3 College Credits)

This course teaches students to develop applications for mobile platforms. Students will utilize a Software Development Kit (SDK) to develop working applications.

*This is a Distance Learning course. CHS and Gateway credit will be awarded upon successful completion of the course. The student's grade for this course will be reflected on his/her transcript but will not factor into his/her high school GPA.

CREDIT: 0.75 TYPE: College/Distance Learning/Laude GRADE: 11-12

CREDIT EQUIVALENTS: 22642 - INTRODUCTION TO PROGRAMMING & DATABASE is a similar course and you will not receive credit for taking both.

GAME PROGRAMMING I

Host School: Gateway Technical College (3 College Credits)

This class examines modern technologies for computer game development. Students will learn how to install development components. In addition, students will learn how to draw game elements.

*This is a Distance Learning course. CHS and Gateway credit will be awarded upon successful completion of the course. The student's grade for this course will be reflected on his/her transcript but will not factor into his/her high school GPA.

CREDIT: 0.75 TYPE: College/Distance Learning/Laude GRADE: 11-12

PREREQUISITE: 22642 - Introduction to Programming & Database

WEB PROGRAMMING I

Host School: Gateway Technical College (3 College Credits)

This class teaches students essential Web page development skills. Students will build an understanding of how to manage the Application Life Cycle, build the User Interface by Using HTML5, and format the User Interface by Using CSS code by using JavaScript. Other topics include validating HTML and CSS code, recognizing the importance of marketing, and implementing fundamental design concepts.

*This is a Distance Learning course. CHS and Gateway credit will be awarded upon successful completion of the course. The student's grade for this course will be reflected on his/her transcript but will not factor into his/her high school GPA.

CREDIT: 0.75 TYPE: College/Distance Learning/Laude GRADE: 11-12
JAVA PROGRAMMING I

Host School: Gateway Technical College (3 College Credits)

This course introduces students to the fundamentals of object-oriented programming using the Java programming language. Students will learn the core aspects of Java including how to write and debug Java code. Labs and hands-on projects are a required element to this class and provide the student with experience working with the Java language.

*This is a Distance Learning course. CHS and Gateway credit will be awarded upon successful completion of the course. The student's grade for this course will be reflected on his/her transcript but will not factor into his/her high school GPA.

CREDIT: 0.75 TYPE: College/Distance Learning/Laude GRADE: 11-12

AP COMPUTER SCIENCE PRINCIPLES A

This course will introduce students to the creative aspects of programming, web page design, the internet, and the many applications of computers. AP Computer Science Principles does not require any previous programming experience; learn to program in this class! Students will learn at their own pace using an online curriculum and teacher support; along with opportunities to explore programming languages in order to make games and other projects. As an AP course, the submission of two artifacts and an AP exam are part of the requirement to potentially earn college credits. This course will count as an elective credit, not a math credit.

CREDIT: 0.5 TYPE: Advanced Placement/Laude GRADE: 10-12

PREREQUISITE: 430A - Algebra I B

COREQUISITES: If you take this course, you must also take 454B - AP COMPUTER SCIENCE PRINCIPLES B

AP COMPUTER SCIENCE PRINCIPLES B

This course will introduce students to the creative aspect of programming, web page design, the internet, and the many applications of computers. AP Computer Science Principles does not require any previous programming experience; learn to program in this class! Students will learn at their own pace using an online curriculum and teacher support; along with opportunities to explore programming languages in order to make games and other projects. As an AP course, the submission of two artifacts and an AP exam are part of the requirement to potentially earn college credits. This course will count as an elective credit, not a math credit.

CREDIT: 0.5 TYPE: Advanced Placement/Laude GRADE: 10-12

PREREQUISITE: 430B - Algebra I B

COREQUISITES: If you take this course, you must also take 454A - AP COMPUTER SCIENCE PRINCIPLES A
INTRO TO ALGEBRA A 412A

Intro to Algebra is a class for students in need of additional instruction and skill building in the area of pre-algebra. Students will learn many of the fundamental concepts and procedures necessary to be successful in algebra and other high school math courses. Students will strengthen their mathematical reasoning skills as they work in collaborative groups to complete guided investigations, solve problems, and practice computational skills. This course does not count toward the three math credits required for graduation.

CREDIT: 0.5  TYPE: Regular  GRADE: 9

PREREQUISITE: Teacher/Counselor Referral.

COREQUISITES: If you take this course, you must also take 412B - INTRO TO ALGEBRA B

INTRO TO ALGEBRA B 412B

Intro to Algebra is a class for students in need of additional instruction and skill building in the area of pre-algebra. Students will learn many of the fundamental concepts and procedures necessary to be successful in algebra and other high school math courses. Students will strengthen their mathematical reasoning skills as they work in collaborative groups to complete guided investigations, solve problems, and practice computational skills. This course does not count toward the three math credits required for graduation.

CREDIT: 0.5  TYPE: Regular  GRADE: 9

PREREQUISITE: Teacher/Counselor Referral.

COREQUISITES: If you take this course, you must also take 412A - INTRO TO ALGEBRA A

ALGEBRA I A 420A

Algebra I aims to deepen and extend student understanding built in previous courses by focusing on developing fluency with solving linear equations and inequalities and systems; extending these skills to solving quadratic and exponential functions; exploring functions, including sequences, graphically, numerically, symbolically and verbally; and using regression techniques to analyze the fit of models to distributions of data. On a daily basis, students in Algebra use problem solving strategies, questioning, investigating, analyzing critically, gathering and constructing evidence, and communicating rigorous arguments justifying their thinking. Students learn in collaboration with others, sharing information, expertise, and ideas. The course is well balanced between procedural fluency (algorithms and basic skills), deep conceptual understanding, strategic competence (problem solving), and adaptive reasoning (extension and transference). The lessons in the course meet all of the content standards, of Appendix A of the Common Core State Standards for Mathematics.

CREDIT: 0.5  TYPE: Regular  GRADE: 9-12

COREQUISITES: If you take this course, you must also take 420B - ALGEBRA I B
ALGEBRA I B

Algebra I aims to deepen and extend student understanding built in previous courses by focusing on developing fluency with solving linear equations and inequalities and systems; extending these skills to solving quadratic and exponential functions; exploring functions, including sequences, graphically, numerically, symbolically and verbally; and using regression techniques to analyze the fit of models to distributions of data. On a daily basis, students in Algebra use problem solving strategies, questioning, investigating, analyzing critically, gathering and constructing evidence, and communicating rigorous arguments justifying their thinking. Students learn in collaboration with others, sharing information, expertise, and ideas. The course is well balanced between procedural fluency (algorithms and basic skills), deep conceptual understanding, strategic competence (problem solving), and adaptive reasoning (extension and transference). The lessons in the course meet all of the content standards, of Appendix A of the Common Core State Standards for Mathematics.

CREDIT: 0.5
TYPE: Regular
GRADE: 9-12

COREQUISITES: If you take this course, you must also take 420A - ALGEBRA I A

ALGEBRA II A

Algebra II aims to apply and extend what students have learned in previous courses by focusing on finding connections between multiple representations of functions, transformations of different function families, finding zeros of polynomials and connecting them to graphs and equations of polynomials, modeling periodic phenomena with trigonometry, and understanding the role of randomness and the normal distribution in making statistical conclusions. On a daily basis, students in Algebra 2 use problem solving strategies, questioning, investigating, analyzing critically, gathering and constructing evidence, and communicating rigorous arguments justifying their thinking. Students learn in collaboration with others, sharing information, expertise, and ideas. The course is well balanced between procedural fluency (algorithms and basic skills), deep conceptual understanding, strategic competence (problem solving), and adaptive reasoning (extension and transference). The course imbeds the CCSS Standards for Mathematical Practice as an integral part of the lessons in the course. The lessons in the course meet all of the content standards, including the advanced "plus" standards, of Appendix A of the Common Core State Standards for Mathematics.

CREDIT: 0.5
TYPE: Regular
GRADE: 9-12

PREREQUISITE: Geometry or concurrently taking Geometry with teacher recommendation.

COREQUISITES: If you take this course, you must also take 440B - ALGEBRA II B
ALGEBRA II B

Algebra II aims to apply and extend what students have learned in previous courses by focusing on finding connections between multiple representations of functions, transformations of different function families, finding zeros of polynomials and connecting them to graphs and equations of polynomials, modeling periodic phenomena with trigonometry, and understanding the role of randomness and the normal distribution in making statistical conclusions. On a daily basis, students in Algebra 2 use problem solving strategies, questioning, investigating, analyzing critically, gathering and constructing evidence, and communicating rigorous arguments justifying their thinking. Students learn in collaboration with others, sharing information, expertise, and ideas. The course is well balanced between procedural fluency (algorithms and basic skills), deep conceptual understanding, strategic competence (problem solving), and adaptive reasoning (extension and transference). The course imbeds the CCSS Standards for Mathematical Practice as an integral part of the lessons in the course. The lessons in the course meet all of the content standards, including the advanced “plus” standards, of Appendix A of the Common Core State Standards for Mathematics.

CREDIT: 0.5
TYPE: Regular
GRADE: 9-12

PREREQUISITE: Geometry or concurrently taking Geometry with teacher recommendation.

COREQUISITES: If you take this course, you must also take 440A - ALGEBRA II A

GEOMETRY A

Geometry aims to formalize and extend the geometry that have learned in previous courses. It does this by focusing on establishing triangle congruence criteria using rigid motions and formal constructions, building a formal understanding of similarity based on dilations and proportional reasoning, developing the concepts of formal proof, exploring the properties of two- and three-dimensional objects, working within the rectangular coordinate system to verify geometric relationships, proving basic theorems about circles, and using the language of set theory to compute and interpret probabilities for compound events. On a daily basis, students in Geometry use problem solving strategies, questioning, investigating, analyzing critically, gathering and constructing evidence, and communicating rigorous argument justifying their thinking. Students learn in collaboration with others, sharing information, expertise, and ideas. The course is well balanced between procedural fluency (algorithms and basic skills), deep conceptual understanding, strategic competence (problem solving), and adaptive reasoning (extension and transference). The lessons in the course meet all of the content standards, including the advanced “plus” standards, of Appendix A of the Common Core State Standards for Mathematics.

CREDIT: 0.5
TYPE: Regular
GRADE: 9-12

PREREQUISITE: 420B - Algebra I B

COREQUISITES: If you take this course, you must also take 430B - GEOMETRY B
Geometry aims to formalize and extend the geometry that Students have learned in previous courses. It does this by focusing on establishing triangle congruence criteria using rigid motions and formal constructions, building a formal understanding of similarity based on dilations and proportional reasoning, developing the concepts of formal proof, exploring the properties of Mo- and three-dimensional objects, working within the rectangular coordinate system to verify geometric relationships, proving basic theorems about circles, and using the language of set theory to compute and interpret probabilities for compound events. On a daily basis, students in Geometry use problem solving strategies, questioning, investigating, analyzing critically, gathering and constructing evidence, and communicating rigorous arguments justifying their thinking. Students learn in collaboration with others, sharing information, expertise, and ideas. The course is well balanced between procedural fluency (algorithms and basic skills), deep conceptual understanding, strategic competence (problem solving), and adaptive reasoning (extension and transference). The lessons in the course meet all of the content standards, including the advanced "plus" standards, of Appendix A of the Common Core State Standards for Mathematics.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 9-12  
**PREREQUISITE:** 420B - Algebra I B  
**COREQUISITES:** If you take this course, you must also take 430A - GEOMETRY A

**PRECALCULUS A**

Precalculus is a course where students will have the opportunity not only to extend their mathematical knowledge, but also and more importantly, to integrate and synthesize what they have learned in Algebra I, Geometry, and Algebra II in a way that will help them prepare for a post-secondary education. This course will focus on functions and their graphs, which will provide students with a solid foundation for the future. Students will utilize analytical and problem-solving skills to solve problems in mathematical and real-world settings using technology as appropriate. A T-I graphing calculator is required for this course.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 10-12  
**PREREQUISITE:** 440B - Algebra II B  
**COREQUISITES:** If you take this course, you must also take 455B - PRE-CALCULUS B
PRECALCULUS B

Precalculus is a course where students will have the opportunity not only to extend their mathematical knowledge, but also and more importantly, to integrate and synthesize what they have learned in Algebra I, Geometry, and Algebra II in a way that will help them prepare for a post-secondary education. This course will focus on functions and their graphs, which will provide students with a solid foundation for the future. Students will utilize analytical and problem-solving skills to solve problems in mathematical and real-world settings using technology as appropriate. A TI graphing calculator is required for this course.

CREDIT: 0.5  TYPE: Regular  GRADE: 10-12

PREREQUISITE: 440B - Algebra II B

COREQUISITES: If you take this course, you must also take 455A - PRECALCULUS A

PRECALCULUS HONORS A

Precalculus Honors is a course where students will be provided with a more in-depth study of the Pre-Calculus curriculum. This course will extend their mathematical knowledge and synthesize what they have learned in Algebra and Geometry. The course will focus on functions and their graphs, trigonometry, and foundational concepts for Calculus. Students will be asked to solve problems graphically, numerically, and analytically. This course will be best for students who are planning on taking AP Calculus and those who wish to build a surer foundation for further endeavors in Mathematical and Scientific fields. A TI graphing calculator is required for this class.

CREDIT: 0.5  TYPE: Honors/Laude  GRADE: 10-12

PREREQUISITE: Algebra II with a B or better

COREQUISITES: If you take this course, you must also take 457B - PRECALCULUS HONORS B

PRECALCULUS HONORS B

Precalculus Honors is a course where students will be provided with a more in-depth study of the Pre-Calculus curriculum. This course will extend their mathematical knowledge and synthesize what they have learned in Algebra and Geometry. The course will focus on functions and their graphs, trigonometry, and foundational concepts for Calculus. Students will be asked to solve problems graphically, numerically, and analytically. This course will be best for students who are planning on taking AP Calculus and those who wish to build a surer foundation for further endeavors in Mathematical and Scientific fields. A TI graphing calculator is required for this class.

CREDIT: 0.5  TYPE: Honors/Laude  GRADE: 10-12

PREREQUISITE: Algebra II with a B or better

COREQUISITES: If you take this course, you must also take 457A - PRECALCULUS HONORS A
In Applied Mathematics I students will review and strengthen their basic computational skills with all types of numbers. Algebra and trigonometry will be explored as they are related to the technical trades. Practical applications and real-life applications of math in the trade industries will be covered. Students will apply useful equations and formulas in real-life problem-solving situations.

**CREDIT:** 0.5  
**TYPE:** Gateway Transcripted/Laude  
**GRADE:** 11-12

**PREREQUISITE:** 430B - Geometry B

**COREQUISITES:** If you take this course, you must also take 472 - APPLIED MATHEMATICS II

In Applied Mathematics II, students will continue their study of mathematics related to technical fields. They will explore geometric principles along with calculations of linear, area and volume measurement. Students will learn to interpret and sketch graphs, utilize the metric system, solve technical conversions problems, and calculate basic statistics as they engage in real life problem solving.

**CREDIT:** 0.5  
**TYPE:** Gateway Transcripted/Laude  
**GRADE:** 11-12

**COREQUISITES:** If you take this course, you must also take 471 - APPLIED MATHEMATICS I

Probability & Statistics is a semester course that covers counting techniques, the probability of independent and related events, and introduces the students to the basic statistical interpretation. Students will compare theoretical predictions and experimental results, and will organize data and generate order and moment statistics that apply to their data.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 10-12

**PREREQUISITE:** Algebra II

Trigonometry is a semester course that covers the study of functions, equations, identities, graphing, polar coordinates and the solution of right and oblique triangles.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 10-12

**PREREQUISITE:** Algebra II
AP STATISTICS A 447A

The purpose of the AP Statistics course is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes:

Exploring Data: Describing patterns and departures from patterns
Sampling and Experimentation: Planning and conducting a study
Anticipating Patterns: Exploring random phenomena using probability and simulation
Statistical inference: Estimating population parameters and testing hypotheses

The AP Statistics course is equivalent to a one-semester, introductory, non-calculus-based, college course. An introductory statistics course, similar to the AP Statistics course, is typically required for majors such as social sciences, health sciences, and business. Science, engineering, and mathematics majors usually take an upper-level calculus-based course in statistics, for which the AP Statistics course is effective preparation.

CREDIT: 0.5  TYPE: Advanced Placement/Laude  GRADE: 10-12

PREREQUISITE: Algebra II with a B or better

COREQUISITES: If you take this course, you must also take 447B - AP STATISTICS B

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AP STATISTICS B 447B

The purpose of the AP Statistics course is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes:

Exploring Data: Describing patterns and departures from patterns
Sampling and Experimentation: Planning and conducting a study
Anticipating Patterns: Exploring random phenomena using probability and simulation
Statistical inference: Estimating population parameters and testing hypotheses

The AP Statistics course is equivalent to a one-semester, introductory, non-calculus-based, college course. An introductory statistics course, similar to the AP Statistics course, is typically required for majors such as social sciences, health sciences, and business. Science, engineering, and mathematics majors usually take an upper-level calculus-based course in statistics, for which the AP Statistics course is effective preparation.

CREDIT: 0.5  TYPE: Advanced Placement/Laude  GRADE: 10-12

PREREQUISITE: Algebra II with a B or better

COREQUISITES: If you take this course, you must also take 447A - AP STATISTICS A
AP CALCULUS AB A

AP Calculus AB begins with the study of limits and their role in this course. Differentiation and integration form the main part of Calculus. Functions, graphing, and analytic geometry are significant parts of this course from beginning to end. A large volume of problems will be solved using a wide variety of techniques. Applications are found in the sciences, business, economics, engineering, and everyday life.

CREDIT: 0.5  TYPE: Advanced Placement/Laude  GRADE: 12

PREREQUISITE: 455B – Pre-Calculus B

COREQUISITES: If you take this course, you must also take 446B - AP CALCULUS AB B

AP CALCULUS AB B

AP Calculus AB begins with the study of limits and their role in this course. Differentiation and integration form the main part of Calculus. Functions, graphing, and analytic geometry are significant parts of this course from beginning to end. A large volume of problems will be solved using a wide variety of techniques. Applications are found in the sciences, business, economics, engineering, and everyday life.

CREDIT: 0.5  TYPE: Advanced Placement/Laude  GRADE: 12

PREREQUISITE: 455B - Pre-Calculus B

COREQUISITES: If you take this course, you must also take 446A - AP CALCULUS AB A

AP CALCULUS BC A

AP Calculus BC covers material that is taught in AP Calculus AB: Functions, graphs and limited, derivatives, and integrals. AP Calculus BC will proceed at a faster pace than AP Calculus AB to allow further study of polynomial approximations and series.

CREDIT: 0.5  TYPE: Advanced Placement/Laude  GRADE: 11-12

PREREQUISITE: Pre-Calculus with a "B" or better

COREQUISITES: If you take this course, you must also take 449B - AP CALCULUS BC B

AP CALCULUS BC B

AP Calculus BC covers material that is taught in AP Calculus AB: Functions, graphs and limits, derivatives, and integrals. AP Calculus BC will proceed at a faster pace than AP Calculus AB to allow further study of polynomial approximations and series.

CREDIT: 0.5  TYPE: Advanced Placement/Laude  GRADE: 11-12

PREREQUISITE: Pre-Calculus with a "B" or better

COREQUISITES: If you take this course, you must also take 449A - AP CALCULUS BC A
AP COMPUTER SCIENCE PRINCIPLES A

This course will introduce students to the creative aspects of programming, web page design, the internet, and the many applications of computers. AP Computer Science Principles does not require any previous programming experience; learn to program in this class! Students will learn at their own pace using an online curriculum and teacher support; along with opportunities to explore programming languages in order to make games and other projects. As an AP course, the submission of two artifacts and an AP exam are part of the requirements to potentially earn college credits. This course will count as an elective credit, not a math credit.

CREDIT: 0.5    TYPE: Advanced Placement/Laude    GRADE: 10-12

PREREQUISITE: 430A - Algebra I B

COREQUISITES: If you take this course, you must also take 454B - AP COMPUTER SCIENCE PRINCIPLES B

AP COMPUTER SCIENCE PRINCIPLES B

This course will introduce students to the creative aspects of programming, web page design, the internet, and the many applications of computers. AP Computer Science Principles does not require any previous programming experience; learn to program in this class! Students will learn at their own pace using an online curriculum and teacher support; along with opportunities to explore programming languages in order to make games and other projects. As an AP course, the submission of two artifacts and an AP exam are part of the requirements to potentially earn college credits. This course will count as an elective credit, not a math credit.

CREDIT: 0.5    TYPE: Advanced Placement/Laude    GRADE: 10-12

PREREQUISITE: Algebra I B

COREQUISITES: If you take this course, you must also take 454A - AP COMPUTER SCIENCE PRINCIPLES A
HEALTH I

This course is designed to help students realize the importance of health, wellness, and safe living. Textbooks, current health related articles, visual materials, and self-guided lessons, flipped instruction all enhance students' learning experience, and technology is incorporated into the curriculum when appropriate. Students are expected to acquire knowledge needed to live a life abundant with health, wellness and safety, and able to make health-related decisions in a mature and educated manner throughout their lives. Topics of study include the definition of physical, mental, emotional, and social health, nutrition, communicable and chronic disease, use of drugs, alcohol and tobacco.

*Offered in summer school.

CREDIT: 0.5  TYPE: Regular  GRADE: 9-10

ADVANCED HEALTH: CPR, FIRST AID & SELF DEFENSE

This is a special one semester course in which the curriculum and methodology both challenge and enhance student awareness, prevention and strategies in the area of health promotion. Program emphasis is placed on increasing the students’ use of research, statistical analysis, and evaluation of the most current health issues. Topics include; First Aid & CPR, AED, Wilderness safety, dating & relationships, internet safety and cyberbullying, influence of media on culture, sports injury (career pathways options for observation hours); lifelong approaches to personal health/transitions to college.

(Certification in First Aid & CPR)

COURSE NOTE: There will be a charge to all students for the CPR/AED and First Aid booklets, and CPR face shield.

CREDIT: 0.5  TYPE: Laude  GRADE: 11-12
PHYSICAL EDUCATION I – BOYS

Physical Education I employs a structured format designed to build students' foundations in the areas of team building, fitness, and individual and team activities. Activities include team building, team games, and physical fitness principles. Students are expected to show evidence of the knowledge acquired during each unit by taking unit tests, quizzes, and a written final exam. Students must wear their physical education uniform. Activities may include: physical fitness, team building, speedball, weight training, basketball, floor hockey, flag football, pickleball, and softball.

School-issued sweatpants are available at an additional cost and are the only acceptable alternative to wearing the required Physical Education uniform.

*Offered in summer school.

COURSE NOTE: Physical Education uniform (short, shirt) and lock required

CREDIT: 0.5 TYPE: Regular GRADE: 9

PHYSICAL EDUCATION I – GIRLS

Physical Education I employs a structured format designed to build students' foundations in the areas of team building, fitness, and individual and team activities. Activities include team building, team games, and physical fitness principles. Students are expected to show evidence of the knowledge acquired during each unit by taking unit tests, quizzes, and a written final exam. Students must wear their physical education uniform. Activities may include: physical fitness, team building, speedball, weight training, basketball, floor hockey, flag football, pickleball, and softball.

School-issued sweatpants are available at an additional cost and are the only acceptable alternative to wearing the required Physical Education uniform.

*Offered in summer school

COURSE NOTE: Physical Education uniform (short, shirts), lock, BFS set/Rep Book.

CREDIT: 0.5 TYPE: Regular GRADE: 9
PHYSICAL EDUCATION II – BOYS

Physical Education II will expand the student's skills and knowledge in the areas of individual and/or team activities. Students may have written tests for each activity and a fitness test during each activity unit. Basic motor skills of individual and team sports are emphasized, as are advanced skills when appropriate. Advanced knowledge of some individual and team sports, physical fitness, wellness, and heart rate monitors is stressed. Students must wear their physical education uniform to class daily. School-issued sweatpants are available at an additional cost and are the only acceptable alternative to wearing the required Physical Education uniform.

*Offered in summer school.

COURSE NOTE: Physical Education uniform (short, shirts) and lock required.

CREDIT: 0.5  TYPE: Regular  GRADE: 10

PREREQUISITE: Phy Ed I or Summer School WT & FITNESS.

PHYSICAL EDUCATION II – GIRLS

Physical Education II will expand the student's skills and knowledge in the areas of individual and/or team activities. Students may train with heart rate monitors, have written tests for each activity, and a fitness test during each activity unit. Basic motor skills of individual and team sports are emphasized, as are advanced skills when appropriate. Advanced knowledge of some individual and team sports, physical fitness, wellness, and heart rate monitors is stressed. Students must wear their physical education uniform to class daily. School-issued sweatpants are available at an additional cost and are the only acceptable alternative to wearing the required Physical Education uniform.

*Offered in summer school.

COURSE NOTE: Physical Education uniform (short, shirts) and lock required.

CREDIT: 0.5  TYPE: Regular  GRADE: 10

PREREQUISITE: Phy Ed I or Summer School WT & FITNESS.

PHYSICAL EDUCATION III - TEAM SPORTS

Students will apply knowledge to a variety of team sports and activities including: softball, lacrosse, volleyball, soccer, floor hockey, flag football, basketball, team handball, tchoukball, low ropes and team building. Students will demonstrate their abilities as an active participant in the following situations by the conclusion of the course: Coach/Captain, Referee/Official, Player. Grading will be based on teacher rubrics, and by assessing the areas of skill, leadership and knowledge.

COURSE NOTE: Physical Education uniform (short, shirts), Lock.

CREDIT: 0.5  TYPE: Regular  GRADE: 10-12

PREREQUISITE: Phy Ed I or Summer School Weight & Fitness
PHYSICAL EDUCATION CREDIT OPTION 900

Phy. Ed. Waiver option is available to juniors and seniors. See your counselor for complete information about this credit opportunity.

CREDIT: O TYPE: Regular GRADE: 11-12

WEIGHTS AND FITNESS I 929

Weights and Fitness I will be based in the weight training facility with a combination of lecture, various warm ups, stretching, and implementation of the Central weightlifting program that is consistent with our athletic programs. The classroom instruction will include anatomy identification, muscular function, kinesiology, nutrition, and some physiology of exercise. The class will investigate and experience a wide variety of training methods in weight training and fitness. The class is offered for one semester; however, if an opening exists, a student may enroll in the class again with no credit being given. Students must wear their physical education uniform to class daily. School-issued sweatpants are available at an additional cost and are the only acceptable alternative to wearing the required Physical Education uniform.

*Offered in Summer School to 9th and 10th grades. No prerequisites required for the summer school section.

COURSE NOTE: The use of the PLT4M app will be used during this class in different capacities.

CREDIT: 0.5 TYPE: Regular GRADE: 10-12

PREREQUISITE: 951 – Physical Education I - Boys or 952 – Physical Education I - Girls

WEIGHTS AND FITNESS II 931

Weights and Fitness II is based in the weight training facility with a combination of lecture, various warm-ups, stretching, and further implementation of the Central weightlifting program. The classroom will include review of the anatomy and the function of the muscles, nutrition, sleep, kinesiology, and records keeping along with personal program development. Agility and speed training are important in every fitness plan and is included in the semester training. Students must wear their physical education uniform to class daily. School-issued sweatpants are available at an additional cost and are the only acceptable alternative to wearing the required Physical Education uniform.

COURSE NOTE: The use of the PLT4M app will be used during this class in different capacities.

CREDIT: 0.5 TYPE: Regular GRADE: 10-12

PREREQUISITE: Phy Ed I, Weights & Fitness I or Summer School Weights & Fitness.
WEIGHTS AND FITNESS III

Weights and Fitness III is for the student that desires a physical, psychological, and intellectual challenge. Students will delve into muscle development from a physiological standpoint and will cover the psychological development of the athlete and everyday person. Students will develop their own conditioning program to meet their needs as an athlete or as a student that wants to stay in shape. Students will learn the pitfalls of training and what it takes to overcome the low points. Students will develop the necessary tools to be physically fit for a lifetime. Every day will become more physically challenging as you develop a more in-depth understanding of training intensity and true benefit. Students must wear their physical education uniform to class daily. School-issued sweatpants are available at an additional cost and are the only acceptable alternative to wearing the required Physical Education uniform.

COURSE NOTE: The use of the PLT4M app will be used during this class in different capacities.

CREDIT: 0.5  TYPE: Laude  GRADE: 11-12

PREREQUISITE: Phy Ed I or Summer School Weights & Fitness and Weights & Fitness II.

WEIGHTS AND FITNESS IV

Weights and Fitness IV is for the student that desires a physical, psychological, and intellectual challenge. Students will delve into muscle development from a physiological standpoint and will cover the psychological development of the athlete and everyday person. Students will develop their own conditioning program to meet their needs as an athlete or as a student that wants to stay in shape. Students will learn the pitfalls of training and what it takes to overcome the low points. Students will develop the necessary tools to be physically fit for a lifetime. Every day will become more physically challenging as you develop a more in-depth understanding of training intensity and true benefit. Students must wear their physical education uniform to class daily. School-issued sweatpants are available at an additional cost and are the only acceptable alternative to wearing the required PE uniform.

COURSE NOTE: The use of the PLT4M app will be used during this class in different capacities.

CREDIT: 0.5  TYPE: Laude  GRADE: 11-12

PREREQUISITE: 932 – Weights & Fitness III
FIT 4 LIFE

Fit 4 Life is a class designed with YOU in mind. The class concentrates on all aspects of personal fitness, nutrition, Yoga, and current wellness topics. This class allows students to improve their level of personal fitness and develop responsibility for their lifestyle choices. Each week, the activities consist of muscular strength and endurance exercises, flexibility, and cardio workout. There is a strong emphasis on muscle identification and proper exercise technique. Physical fitness scores will be taken twice each semester, with students setting personal goals to improve. Nutritional goals will also be addressed. Grading consists of participation in daily activities, fitness scores, and written work. Students will be asked to develop and implement a personal wellness plan. They will also have an opportunity to create and perform exercise routines with the class. (Crossfit, Yoga, Self Defense, P90X)

*This course will be offered Spring Semester only.

CREDIT: 0.5     TYPE: Regular     GRADE: 11-12

PREREQUISITE: Phy Ed I or Summer School Weights & Fitness and one of the following: Phy Ed II, Team Sports, Weights & Fitness I or Weights & Fitness II.

ADVENTURE EDUCATION

Adventure Education curriculum focuses on outdoor education while challenging student's physical abilities while integrating scientific/environmental skills needed to survive in the wilderness. This course will provide students with adventure experiences that will help them in many future endeavors as the premise is on team building and cooperative problem solving, self-confidence and much more. Students will be assessed on their participation of all activities and their ability to apply learned techniques in a variety of areas. The curricular framework will include: low ropes course, high ropes challenge courses, camping, shelter building, fire science, orienteering outdoor cooking, wilderness first aid, and snowshoeing. (Camping, Hiking, & High Ropes)

*This course will be offered Fall Semester only.

COURSE NOTE: Class requires additional course fees (appr. $28).

CREDIT: 0.5     TYPE: Regular     GRADE: 11-12

PREREQUISITE: Phy Ed I or Summer School Weights & Fitness and one of the following: Phy Ed II, Team Sports, Weights & Fitness I or Weights & Fitness II.
BIOLOGY A 321A

Biology is the study of life. The biology class will follow the Next Generation Science Standards as it takes a lab and activities-based approach to studying life. There is an emphasis on modeling the flow of matter and energy in biological systems, describing structure/function relationships, and describing systems when they are stable or when they are changing. First semester topics include the nature of science, the molecules of life, basic cellular processes, and the structure and function of DNA. Second semester topics are genetics, evolution, and ecology.

CREDIT: 0.5  TYPE: Regular  GRADE: 9

COREQUISITES: If you take this course, you must also take 321B - BIOLOGY B

BIOLOGY B 321B

Biology is the study of life. The biology class will follow the Next Generation Science Standards as it takes a lab and activities-based approach to studying life. There is an emphasis on modeling the flow of matter and energy in biological systems, describing structure/function relationships, and describing systems when they are stable or when they are changing. First semester topics include the nature of science, the molecules of life, basic cellular processes, and the structure and function of DNA. Second semester topics are genetics, evolution, and ecology.

CREDIT: 0.5  TYPE: Regular  GRADE: 9

COREQUISITES: If you take this course, you must also take 321A - BIOLOGY A

BIOLOGY HONORS A 325A

Honors Biology is a student driven inquiry-based investigation into the processes of life. Students will be expected to gather evidence, create models, synthesize data, and argue conflicting viewpoints from their lab work and independent research. First semester topics include characteristics of life, feedback mechanisms and homeostasis, interactions of biotic and abiotic components of an ecosystem, and heredity. Second semester topics include regulation of cell division, natural selection, population biology and flow of energy and matter in the biosphere. Placement in this course is based on 8th grade teacher recommendation.

CREDIT: 0.5  TYPE: Honors/Laude  GRADE: 9

PREREQUISITE: Teacher/Counselor Recommendation.

COREQUISITES: If you take this course, you must also take 325B - BIOLOGY HONORS B
BIOLOGY HONORS B  325B

Honors Biology is a student driven inquiry-based investigation into the processes of life. Students will be expected to gather evidence, create models, synthesize data, and argue conflicting viewpoints from their lab work and independent research. First semester topics include characteristics of life, feedback mechanisms and homeostasis, interactions of biotic and abiotic components of an ecosystem, and heredity. Second semester topics include regulation of cell division, natural selection, population biology and flow of energy and matter in the biosphere. Placement in this course is based on 8th grade teacher recommendation.

CREDIT: 0.5  TYPE: Honors/Laude  GRADE: 9

PREREQUISITE: Teacher/Counselor Recommendation.

COREQUISITES: If you take this course, you must also take 325A - BIOLOGY HONORS A

ASTRONOMY & METEOROLOGY: FROM EARTH TO MARS  326

Astronomy & Meteorology is a semester long course. Astronomical topics covered in this class will address the Earth’s place in our solar system, other celestial objects and their properties in our universe. Meteorological topics covered in this class will include characteristics influencing weather system and climate, climate change, and the impact of weather on human society. A field trip is often planned to a planetarium or astronomy museum.

CREDIT: 0.5  TYPE: Regular  GRADE: 10-12

PREREQUISITE: 321B - Biology B

BOTANY  327

Come get your hands dirty in this introductory botany course. Join us as we "dig into" the structure, function, and life cycles of plants. We will study some of the plants common to Wisconsin, identify aliens, grow plants in the lab, and learn some of the unusual things that plants have been used for. This course is activity-based, so we will spend much time in the lab and time outside when weather permits. There is one mandatory field trip per semester.

CREDIT: 0.5  TYPE: Regular  GRADE: 10-12

PREREQUISITE: 321B - Biology B
CHEMISTRY A

Chemistry provides the student with a solid background in science for further study or work in the science and medical fields. Chemistry is the study of matter and the changes it undergoes. As research and development advances, chemists learn how to create new useful substances that are important to all of us in our everyday lives, such as plastics, paints and artificial flavors. This course utilizes labs and activities to further student understanding while emphasizing a conceptual approach to thermochemistry, chemical reactions, atomic structure, and equilibrium.

CREDIT: 0.5  TYPE: Regular  GRADE: 10-12

PREREQUISITE: Biology and Algebra I (Both "C" or better).

COREQUISITES: If you take this course, you must also take 331B - CHEMISTRY B

CHEMISTRY B

Chemistry provides the student with a solid background in science for further study or work in the science and medical fields. Chemistry is the study of matter and the changes it undergoes. As research and development advances, chemists learn how to create new useful substances that are important to all of us in our everyday lives, such as plastics, paints and artificial flavors. This course utilizes labs and activities to further student understanding while emphasizing a conceptual approach to thermochemistry, chemical reactions, atomic structure, and equilibrium.

CREDIT: 0.5  TYPE: Regular  GRADE: 10-12

PREREQUISITE: Biology and Algebra I (Both "C" or better).

COREQUISITES: If you take this course, you must also take 331A - CHEMISTRY A

FOUNDATIONS OF CHEMISTRY

Foundations of Chemistry studies the nature of matter and the changes it undergoes. Essential topics covered include atomic theory, properties of matter, and chemical reactions. Students will develop an understanding of the concepts underlying the phenomena observed in the world around them through problem solving, laboratory work, and engineering projects. A major component of the course will include designing and formulating unique soap with other students. This course places less emphasis on the mathematics of chemistry while still covering key concepts.

CREDIT: 0.5  TYPE: Regular  GRADE: 10-12

PREREQUISITE: 321B - Biology B

COREQUISITES: If you take this course, you must also take 339 - FOUNDATIONS OF PHYSICS
PHYSICS A 341A

Physics is a science class, which studies the physical and mathematical relationships in nature. Topics covered include motion, forces, momentum, projectiles, work, power, energy, electricity, magnetism, and light. Students will develop an understanding of the concepts underlying the phenomena observed in the world around them through problem solving and laboratory work.

CREDIT: 0.5  TYPE: Regular  GRADE: 10-12

PREREQUISITE: Successful completion of Algebra II or concurrent enrollment in Algebra II

COREQUISITES: If you take this course, you must also take 341B - PHYSICS B

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PHYSICS B 341B

Physics is a science class, which studies the physical and mathematical relationships in nature. Topics covered include motion, forces, momentum, projectiles, work, power, energy, electricity, magnetism, and light. Students will develop an understanding of the concepts underlying the phenomena observed in the world around them through problem solving and laboratory work.

CREDIT: 0.5  TYPE: Regular  GRADE: 10-12

PREREQUISITE: Successful completion of Algebra II or concurrent enrollment in Algebra II

COREQUISITES: If you take this course, you must also take 341A - PHYSICS A

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FOUNDATIONS OF PHYSICS 339

Foundations of Physics studies the physical relationships in nature. Topics covered include motion, forces, momentum, work, power, energy. Students will develop an understanding of the concepts underlying the phenomena observed in the world around them through problem solving, laboratory work, and engineering projects. This course is more conceptual in nature than physics and emphasizes modeling rather than mathematics.

CREDIT: 0.5  TYPE: Regular  GRADE: 10-12

PREREQUISITE: 321B - Biology B

COREQUISITES: If you take this course, you must also take 338 - FOUNDATIONS OF CHEMISTRY
PRINCIPLES OF ENGINEERING A  345A

More and more jobs demand advanced skills, requiring that people be able to learn, reason, think creatively, make decisions, and solve problems. An understanding of science, technology, engineering, and math and their methods, contribute in an essential way to these skills. Principles of Engineering is a team-based course designed for students interested in the application of the knowledge obtained from their math, technology and science classes. Students who complete this course will engage in real world case studies and reaming activities that focus on the engineering process and making the world a better place to live and work in.

COURSE NOTE: Requires additional fees: $45.00.
CREDIT: 0.5  TYPE: Gateway Transcripted/Laude  GRADE: 10-12

PREREQUISITE: Concurrent enrollment in Algebra II or higher math course. It is highly recommended to take Intro to Technology and Engineering

COREQUISITES: If you take this course, you must also take 345B - PRINCIPLES OF ENGINEERING B

PRINCIPLES OF ENGINEERING B  345B

More and more jobs demand advanced skills, requiring that people be able to learn, reason, think creatively, make decisions, and solve problems. An understanding of science, technology, engineering, and math and their methods, contribute in an essential way to these skills. Principles of Engineering is a team-based course designed for students interested in the application of the knowledge obtained from their math, technology and science classes. Students who complete this course will engage in real world case studies and reaming activities that focus on the engineering process and making the world a better place to live and work in.

COURSE NOTE: Requires additional fees: $45.00.
CREDIT: 0.5  TYPE: Gateway Transcripted/Laude  GRADE: 10-12

PREREQUISITE: Concurrent enrollment in Algebra II or higher math course. It is highly recommended to take Intro to Technology and Engineering

COREQUISITES: If you take this course, you must also take 345B - PRINCIPLES OF ENGINEERING A

FORENSIC SCIENCE  346

Forensic science is where the lab the law. Using the scientific method, clues gathered from multiple scientific disciplines will lead to the guilty party. In this course will cover a broad variety of topics including but not limited to DNA analysis, forensic anthropology, blood stain analysis, detection of biological fluid, and fingerprinting. Students will experience science as it applies to a real-world situation in this lab-based course.

CREDIT: 0.5  TYPE: Regular  GRADE: 10-12

PREREQUISITE: 321B - Biology B
ENVIRONMENTAL SCIENCE A 334A

This course is designed to introduce you to current ecological and environmental issues and hopefully inspire you to become environmentally active. You will see how air, water and land quality have changed over time and how you can help make a difference! You will investigate global climate change seeing both sides of this issue and taking a stand on what you believe. Other primary topics we cover include: alternative energy resources vs. nonrenewable sources, the effect of human population growth on our environment, biodiversity, aquatic ecosystems, invasive species and the detrimental effects of factory farming. This course is highly project-centered and lab-based. We will be doing field work and will be going outside to identify various species throughout the year (weather permitting). We will be going on fieldtrips, and discussion and online research will also be required.

CREDIT: 0.5  TYPE: Regular  GRADE: 11-12

PREREQUISITE: 321B - Biology B

COREQUISITES: If you take this course, you must also take 334B - ENVIRONMENTAL SCIENCE B

ENVIRONMENTAL SCIENCE B 334B

This course is designed to introduce you to current ecological and environmental issues and hopefully inspire you to become environmentally active. You will see how air, water and land quality have changed over time and how you can help make a difference! You will investigate global climate change seeing both sides of this issue and taking a stand on what you believe. Other primary topics we cover include: alternative energy resources vs. nonrenewable sources, the effect of human population growth on our environment, biodiversity, aquatic ecosystems, invasive species and the detrimental effects of factory farming. This course is highly project-centered and lab-based. We will be doing field work and will be going outside to identify various species throughout the year (weather permitting). We will be going on fieldtrips, and discussion and online research will also be required.

CREDIT: 0.5  TYPE: Regular  GRADE: 11-12

PREREQUISITE: 321B - Biology B

COREQUISITES: If you take this course, you must also take 334A - ENVIRONMENTAL SCIENCE A
FOOD SCIENCE A  
625A

Food Science incorporates science into a lab-oriented foods class. The laws of science are at work in foods prepared at home and by the food industry. Through lab experiments in the test and Lab Manual, students will practice scientific and sensory evaluation of foods. They will examine the positive and negative impact of microorganisms on the food supply. will also explore the variety of careers available to graduates with a food science background.

COURSE NOTE: May require additional fees. Science Elective Credit
CREDIT: 0.5  TYPE: Regular  GRADE: 11-12

PREREQUISITE: 321B - Biology B
COREQUISITES: If you take this course, you must also take 625B - FOOD SCIENCE B

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FOOD SCIENCE B  
625B

Food Science incorporates science into a lab-oriented foods class. The laws of science are at work in foods prepared at home and by the food industry. Through lab experiments in the test and Lab Manual, students will practice scientific and sensory evaluation of foods. They will examine the positive and negative impact of microorganisms on the food supply. will also explore the variety of careers available to graduates with a food science background.

COURSE NOTE: May require additional fees. Science Elective Credit
CREDIT: 0.5  TYPE: Regular  GRADE: 11-12

PREREQUISITE: 321B - Biology B
COREQUISITES: If you take this course, you must also take 625A - FOOD SCIENCE A

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HUMAN ANATOMY AND PHYSIOLOGY I A HONORS  
335A

Anatomy and Physiology I is an advanced science class for students who are interested in pursuing a career in a health-related field or learning more about their own body. Topics covered include body orientation, blood, and the cardiovascular, respiratory, skeletal, muscular and nervous systems. Students will learn the mechanisms for maintaining homeostasis within the human body and the effects of disease on the systems. This course includes laboratory activities, projects, dissections, textbook material, models, and case studies. Attendance during dissection is required.

COURSE NOTE: Workbook fee required (approx. $30)
CREDIT: 0.5  TYPE: Laude  GRADE: 11-12

PREREQUISITE: Biology, Chemistry or Foundations of Chemistry (All "C" or better).
COREQUISITES: If you take this course, you must also take 335B - HUMAN ANATOMY AND PHYSIOLOGY I B
HUMAN ANATOMY AND PHYSIOLOGY I B HONORS 335B

Anatomy and Physiology I is an advanced science class for students who are interested in pursuing a career in a health-related field or learning more about their own body. Topics covered include body orientation, blood, and the cardiovascular, respiratory, skeletal, muscular and nervous systems. Students will learn the mechanisms for maintaining homeostasis within the human body and the effects of disease on the systems. This course includes laboratory activities, projects, dissections, textbook material, models, and case studies. Attendance during dissection is required.

COURSE NOTE: Workbook fee required (approx. $30)

CREDIT: 0.5 TYPE: Laude GRADE: 11-12

PREREQUISITE: Biology, Chemistry or Foundations of Chemistry (All "C" or better).

COREQUISITES: If you take this course, you must also take 335B - HUMAN ANATOMY AND PHYSIOLOGY I A

HUMAN ANATOMY AND PHYSIOLOGY II A HONORS 336A

Anatomy and Physiology II is a continuation of Human Anatomy and Physiology I. Topics covered include skin and body membranes, immunity, digestion and metabolism, excretion, reproduction, special senses and body tissues. Students will learn the mechanisms for maintaining homeostasis within the human body and the effects of disease of the systems. This course includes laboratory activities, projects, dissections, textbook material, models, and case studies. Students will also have an opportunity to visit medical school cadaver lab. Attendance during dissection is required.

CREDIT: 0.5 TYPE: Laude GRADE: 12

PREREQUISITE: Human Anatomy and Physiology I HONORS ("C" or better).

COREQUISITES: If you take this course, you must also take 336B - HUMAN ANATOMY AND PHYSIOLOGY II B

HUMAN ANATOMY AND PHYSIOLOGY II B HONORS 336B

Anatomy and Physiology II is a continuation of Human Anatomy and Physiology I. Topics covered include skin and body membranes, immunity, digestion and metabolism, excretion, reproduction, special senses and body tissues. Students will learn the mechanisms for maintaining homeostasis within the human body and the effects of disease of the systems. This course includes laboratory activities, projects, dissections, textbook material, models, and case studies. Students will also have an opportunity to visit medical school cadaver lab. Attendance during dissection is required.

CREDIT: 0.5 TYPE: Laude GRADE: 12

PREREQUISITE: Human Anatomy and Physiology I Honors ("C" or better).

COREQUISITES: If you take this course, you must also take 336A - HUMAN ANATOMY AND PHYSIOLOGY II A
AP BIOLOGY A

AP Biology is designed to be the equivalent of a college introductory biology course that is usually taken by biology or other related science majors during their first year of school. It will include the topics designated by the College Board who is responsible for developing and scoring the AP Biology Test administered in May.

Topics covered can be broken down into four Big Ideas:

1: The process of evolution drives the diversity and unity of life.

2: Biological systems utilize energy and molecular building blocks to grow, to reproduce, and to maintain homeostasis.

3: Living systems store, retrieve, transmit, and respond to information essential to life processes.

4: Biological systems interact, and these interactions possess complex properties.

Additionally, students will be performing inquiry-based AP Biology labs focused on student-centered lab design and implementation. AP Biology will prepare students for the rigor and expectations of college. It will also aim to provide students with the knowledge and skills necessary to successfully complete the AP test.

COURSE NOTE: May require additional fees.

CREDIT: 0.5

TYPE: Advanced Placement/Laude

GRADE: 11-12

PREREQUISITE: Biology, Chemistry and Geometry (All "C" or better).

COREQUISITES: If you take this course, you must also take 324B - AP BIOLOGY B
AP BIOLOGY B

AP Biology is designed to be the equivalent of a college introductory biology course that is usually taken by biology or other related science majors during their first year of school. It will include the topics designated by the College Board who is responsible for developing and scoring the AP Biology Test administered in May.

Topics covered can be broken down into four Big Ideas:
1: The process of evolution drives the diversity and unity of life.
2: Biological systems utilize energy and molecular building blocks to grow, to reproduce, and to maintain homeostasis.
3: Living systems store, retrieve, transmit, and respond to information essential to life processes.
4: Biological systems interact, and these interactions possess complex properties.

Additionally, students will be performing inquiry-based AP Biology labs focused on student-centered lab design and implementation. AP Biology will prepare students for the rigor and expectations of college. It will also aim to provide students with the knowledge and skills necessary to successfully complete the AP test.

COURSE NOTE: May require additional fees.
CREDIT: 0.5 TYPE: Advanced Placement/Laude GRADE: 11-12

PREREQUISITE: Biology, Chemistry and Geometry (All "C" or better).
COREQUISITES: If you take this course, you must also take 324B - AP BIOLOGY A

AP ENVIRONMENTAL SCIENCE A

AP Environmental Science is an interdisciplinary course that combines biology, chemistry, environmental science, earth science and social studies to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. The course requires the student to identify and analyze both natural and human-created environmental problems, to evaluate the risks associated with the problems, and to examine alternative solutions for resolving or preventing them. Topics include resource use, environmental quality, pollution, waste treatment, importance of biodiversity, human health, global climate change and the tradeoff between economics and the environment. Students who enroll in AP Environmental Science will be expected to take the AP Environmental Science exam as time will be spent in class preparing students for the test.

CREDIT: 0.5 TYPE: Advanced Placement/Laude GRADE: 11-12

PREREQUISITE: Biology and Chemistry with a "B" or better.
COREQUISITES: If you take this course, you must also take 333B - AP ENVIRONMENTAL SCIENCE B
AP ENVIRONMENTAL SCIENCE B 333B

AP Environmental Science is an interdisciplinary course that combines biology, chemistry, environmental science, earth science and social studies to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. The course requires the student to identify and analyze both natural and human-created environmental problems, to evaluate the risks associated with the problems, and to examine alternative solutions for resolving or preventing them. Topics include resource use, environmental quality, pollution, waste treatment, importance of biodiversity, human health, global climate change and the tradeoff between economics and the environment. Students who enroll in AP Environmental Science will be expected to take the AP Environmental Science exam as time will be spent in class preparing students for the test.

CREDIT: 0.5  TYPE: Advanced Placement/Laude  GRADE: 11-12

PREREQUISITE: Biology and Chemistry with a "B" or better.

COREQUISITES: If you take this course, you must also take 333A - AP ENVIRONMENTAL SCIENCE A

AP CHEMISTRY A 350A

AP Chemistry follows the curriculum prescribed by the College Board for Chemistry. It is intended to be the equivalent of a 1st year general chemistry course in college. Students' independent study of each unit is critical to their success as class time is devoted to discussion and lab activity. Units of study include Stoichiometry, Thermochemistry, Gases, Electron Structure of Atoms, Chemical Equilibrium, Solubility Equilibria, Oxidation/Reduction, Electrochemistry and Acids and Bases. This course prepares Students to take the AP Chemistry test in May and, depending on their college and choice of majors, may qualify them for college credit or a higher placement in science.

CREDIT: 0.5  TYPE: Advanced Placement/Laude  GRADE: 11-12

PREREQUISITE: Chemistry and Algebra II (Both "C" or better).

COREQUISITES: If you take this course, you must also take 350B - AP CHEMISTRY B
AP CHEMISTRY B 350B

AP Chemistry follows the curriculum prescribed by the College Board for Chemistry. It is intended to be the equivalent of a 1st year general chemistry course in college. Students' independent study of each unit is critical to their success as class time is devoted to discussion and lab activity. Units of study include Stoichiometry, Thermochemistry, Gases, Electron Structure of Atoms, Chemical Equilibrium, Solubility Equilibria, Oxidation/Reduction, Electrochemistry and Acids and Bases. This course prepares students to take the AP Chemistry test in May and, depending on their college and choice of majors, may qualify them for college credit or a higher placement in science.

CREDIT: 0.5  TYPE: Advanced Placement/Laude  GRADE: 11-12

PREREQUISITE: Chemistry and Algebra II (Both "C" or better).

COREQUISITES: If you take this course, you must also take 350A - AP CHEMISTRY A

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AP PHYSICS “C” MECHANICS A 342A

AP Physics is a class that is designed to be the equivalent of the first semester of a university, calculus-based physics course. Topics covered include kinematics, Newton's Laws of Motion, work, energy and power, systems of particles and linear momentum, circular motion and rotation, oscillations, and gravitation. Strong emphasis is placed on solving a variety of challenging problems, some requiring calculus. The course also has these broad instructional goals:

Basic knowledge of the discipline of Physics:

Problem Solving — Ability to ask questions and obtain solutions by use of physical intuition, experimental investigation, and formal logic

Student Attributes — Fostering of an appreciation of the physical world, curiosity, creativity, and reasoned skepticism

Connections — Understanding connections of physics to other disciplines and to societal issues

AP Physics - Students who elect to take the Advanced Placement Exam will have AP Physics shown on their transcript and could receive college credit for this class.

COURSE NOTE: Due to the need to access special interactive materials for this course, students are encouraged to have a laptop computer. Those students with Chromebooks will need to use library computers to complete some required tasks.

CREDIT: 0.5  TYPE: Advanced Placement/Laude  GRADE: 12

PREREQUISITE: Physics and concurrent enrollment in Calculus.

COREQUISITES: If you take this course, you must also take 342B - AP PHYSICS "C" MECHANICS B
AP PHYSICS “C” MECHANICS B 342B

AP Physics is a class that is designed to be the equivalent of the first semester of a university, calculus-based physics course. Topics covered include kinematics, Newton's Laws of Motion, work, energy and power, systems of particles and linear momentum, circular motion and rotation, oscillations, and gravitation. Strong emphasis is placed on solving a variety of challenging problems, some requiring calculus. The course also has these broad instructional goals:

Basic knowledge of the discipline of Physics:

Problem Solving — Ability to ask questions and obtain solutions by use of physical intuition, experimental investigation, and formal logic

Student Attributes — Fostering of an appreciation of the physical world, curiosity, creativity, and reasoned skepticism

Connections — Understanding connections of physics to other disciplines and to societal issues

AP Physics - Students who elect to take the Advanced Placement Exam will have AP Physics shown on their transcript and could receive college credit for this class.

COURSE NOTE: Due to the need to access special interactive materials for this course, students are encouraged to have a laptop computer. Those students with Chromebooks will need to use library computers to complete some required tasks.

CREDIT: 0.5 TYPE: Advanced Placement/Laude GRADE: 12

PREREQUISITE: Physics and concurrent enrollment in Calculus.

COREQUISITES: If you take this course, you must also take 342B - AP PHYSICS "C" MECHANICS A
GLOBAL STUDIES

Global Studies is a freshman level course designed to introduce students to the various disciplines within the social sciences. Students will learn and apply historical thinking skills as they move through the course. While investigating an array of historical time periods, students will engage in inquiry-based studies. Throughout the course, they will think like geographers, political scientists, economists, and sociologists as they learn about the world. This course will prepare freshmen with the necessary disciplinary literacy skills to be successful in their future social studies courses.

CREDIT: 0.5  TYPE: Regular  GRADE: 9

COREQUISITE: If you take this course, you must also take GLOBAL STUDIES SS1B.

U.S. HISTORY A

U.S. History examines America as it enters the Twentieth Century. Political and social change is examined as well as America's rise as a world power. This course offers students a general understanding of the past and present while preparing them to become an active member of a democratic society.

CREDIT: 0.5  TYPE: Regular  GRADE: 10-12

COREQUISITES: If you take this course, you must also take 221B - U.S. HISTORY B

U.S. HISTORY B

U.S. History examines America as it enters the Twentieth Century. Political and social change is examined as well as America's rise as a world power. This course offers students a general understanding of the past and present while preparing them to become an active member of a democratic society.

CREDIT: 0.5  TYPE: Regular  GRADE: 10-12

COREQUISITES: If you take this course, you must also take 221A - U.S. HISTORY A
GOVERNMENT 231

American Government prepares to participate in local, state, and national government and helps them understand what they will be participating in. A government can only be as effective as those who choose to participate. The course covers the following areas: 1) federal, state, and local government and the relationship between them; 2) history, structure and function of the American political system; 3) the Constitution; 4) political parties, labels, interest groups; 5) voting; 6) civil liberties; 7) economic system (comparative); 8) democratic system of government compared to other world governments and the United States’ influence on those governments.

*Students who have already taken AP Government are not eligible to take Government.

CREDIT: 0.5  TYPE: Regular  GRADE: 11-12

PSYCHOLOGY 229

The basic subject matter of Psychology is human behavior. The news media frequently cite examples of psychological phenomena such as emotional problems, drug use and abuse, racism, violence, and sexuality. In this course, we will examine such topics as learning, memory, perception, motivation, development, stress, intelligence and personality testing, abnormal behavior and therapy with an emphasis on applying these to the individual behavior. This course has a two-fold purpose. The first purpose is to give the student a better understanding of self and others. The second purpose is to familiarize the student with the subject of psychology for help in considering further educational plans. *Students who have already taken AP Psychology are not eligible to take Psychology.

CREDIT: 0.5  TYPE: Regular  GRADE: 10-12

DEVELOPMENTAL PSYCHOLOGY 22641

Host School: Gateway Technical College (3 College Credits)

Developmental Psychology is the study of human development throughout the lifespan. This course explores developmental theory and research with an emphasis on the interactive nature of the biological, cognitive, and psychosocial changes that affect the individual from conception to death. Application activities and critical thinking skills will enable students to gain an increased knowledge and understanding of themselves and others.

*This is a Distance Learning course. CHS and Gateway credit will be awarded upon successful completion of the course. The student's grade will be reflected on his/her transcript but will not factor into his/her high school GPA. (3 college credit)

CREDIT: 0.75  TYPE: College/Distance Learning/Laude  GRADE: 11-12
INTRODUCTION TO ECONOMICS

Introduction to Economics is intended for students to gain a basic understanding of how markets work through the use of supply and demand tools. They will also gain an understanding about their role in the economy and be able to make rational decisions as participants in that economy. The course will also focus on the market economy at both the microeconomic and macroeconomic levels, including international market.

*Students who have already taken AP Microeconomics or AP Macroeconomics are not eligible to take Introduction to Economics.

CREDIT: 0.5
TYPE: Regular
GRADE: 10-12

SOCIOLOGY

Sociology, as the study of human group behavior, seeks to involve the student in techniques of observing, describing, analyzing, and predicting. The student learns to investigate and critically examine the causes and consequences of behavior and theories relating to problems and concerns that exist within our society. Specific concerns are covered in each of the units: culture, socialization, social structure and stratification, inequalities, and crime. Students will gain an understanding of the problems of society, how to live with these problems and when applicable, how to solve them.

CREDIT: 0.5
TYPE: Regular
GRADE: 10-12

INTRODUCTION TO SOCIOLOGY

Host School: Gateway Technical College (3 College Credits)

This course examines interpersonal relationships of humans and groups and the consequent structure of society. It details the various social processes and concepts which shape human behavior, analyzing such phenomena as organizations, deviance, race and ethnic relations, populations, urbanization, social change, and social movement, Religion, education, and the family are studied.

*This is a Distance Learning course. CHS and Gateway credit will be awarded upon successful completion of the course. The student's grade for this course will be reflected on his/her transcript but will not factor into his/her high school GPA.

CREDIT: 0.75
TYPE: College/Distance Learning/Laude
GRADE: 11-12
LEARNING, EARNING, AND INVESTING

Learning, Earning, and Investing (LEI) introduces students to the world of investing, with its abundant opportunities and ever-present risks. The focus is on strategies for investing for the long term, as part of an overall approach to financial planning that empowers young people to take control of their own financial futures. Lessons cover basics such as the language of economic and financial markets, gathering information on investments and the nature of financial institutions in the U.S. economy. In the Gen i Revolution game that accompanies this class, each student assumes the role of a secret agent, assigned by the mysterious Monique to help people with financial problems. Each mission begins with a briefing from Monique and the selection of computer-based characters to form a team. Then students participate in interactive exercises and tutorials related to the financial problem that has been posed. Each mission concludes with students making financial recommendations, which are then scored according to their effectiveness in solving the financial problem.

COURSE NOTE: May require additional fees for field trips.

CREDIT: 0.5  TYPE: Regular  GRADE: 10-12

AP PSYCHOLOGY A

AP Psychology is designed to introduce the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields of psychology. The major subfields that will be explored include the following: History of Psychology, Research Methods, Biological Bases of Behavior, Sensation and Perception, States of Consciousness, Learning, Cognition, Emotion, Development, Personality, Mental Disorders and Treatment, and Psychological Testing. Workload in this course will be similar to that of an introductory college-level course and will stress critical thinking, reading, writing, and studying current psychological research.

CREDIT: 0.5  TYPE: Advanced Placement/Laude  GRADE: 10-12

PREREQUISITE: Global Studies or AP Human Geography

COREQUISITES: If you take this course, you must also take 230B - AP PSYCHOLOGY B
AP PSYCHOLOGY B 230B

AP Psychology is designed to introduce to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields of psychology. The major subfields that will be explored include the following: History of Psychology, Research Methods, Biological Bases of Behavior, Sensation and Perception, States of Consciousness, Learning, Cognition, Emotion, Development, Personality, Mental Disorders and Treatment, and Psychological Testing. Workload in this course will be similar to that of an introductory college-level course and will stress critical thinking, reading, writing, and studying current psychological research.

CREDIT: 0.5 TYPE: Advanced Placement/Laude GRADE: 10-12

PREREQUISITE: Global Studies or AP Human Geography

COREQUISITES: If you take this course, you must also take 230A - AP PSYCHOLOGY A

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AP PSYCHOLOGY BLENDED A 9230A

AP Psychology is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields of psychology. The major subfields that will be explored include the following: History of Psychology, Research Methods, Biological Bases of Behavior, Sensation and Perception, States of Consciousness, Learning, Cognition, Emotion, Development, Personality, Mental Disorders and Treatment, and Psychological Testing. Workload in this course will be similar to that of an introductory college-level course and will stress critical thinking, reading, writing, and studying current psychological research.

The format of this course is such that students will be required to attend classes three days a week. The other two days will be considered “flex days.” Flex days are days where online work will be provided for all students, but attendance will NOT be required for all students. Required attendance for flex days will be dependent upon a student’s academic standing in the course.

CREDIT: 0.5 TYPE: Advanced Placement/Laude GRADE: 10-12

PREREQUISITE: Global Studies or AP Human Geography

COREQUISITES: If you take this course, you must also take 9230B - AP PSYCHOLOGY BLENDED B
AP PSYCHOLOGY BLENDED B

AP Psychology is designed to introduce the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields of psychology. The major subfields that will be explored include the following: History of Psychology, Research Methods, Biological Bases of Behavior, Sensation and Perception, States of Consciousness, Learning, Cognition, Emotion, Development, Personality, Mental Disorders and Treatment, and Psychological Testing. Workload in this course will be similar to that of an introductory college-level course and will stress critical thinking, reading, writing, and studying current psychological research.

The format of this course is such that students will be required to attend classes three days a week. The other two days will be considered "flex days." Flex days are days where online work will be provided for all students, but attendance will NOT be required for all students. Required attendance for flex days will be dependent upon a student’s academic standing in the course.

CREDIT: 0.5 TYPE: Advanced Placement/Laude GRADE: 10-12

PREREQUISITE: Global Studies or AP Human Geography

COREQUISITES: If you take this course, you must also take 9230A - AP PSYCHOLOGY BLENDED A

AP MACROECONOMICS

AP Macroeconomics studies the economy as a whole, dealing with economic concepts from the government to international levels. Issues such as unemployment, inflation and economic growth are key concepts covered. This course is intended for any student who is interested in a business, political, legal or marketing career. Its intent is to give students a solid base in economics by introducing them to many of the concepts they will need to master in college. Students who take the course will be eligible to take the Advanced Placement Macroeconomics exam in the spring.

COURSE NOTE: Offered 2nd Semester

CREDIT: 0.5 TYPE: Advanced Placement/Laude GRADE: 10-12

PREREQUISITE: Global Studies or AP Human Geography and Microeconomics
AP MICROECONOMICS

AP Microeconomics studies individual element in the economy. This includes the firm and industry, labor markets, labor unions, price theory and the role of the government. This course is intended for any student who is interested in a business, political, legal or marketing career. Its intent is to give students a solid base in economics by introducing them to many of the concepts they will need to master in college. Students who take the course will be eligible to take the Advanced Placement Microeconomics exam in spring.

CREDIT: 0.5 TYPE: Advanced Placement/Laude GRADE: 10-12

PREREQUISITE: Global Studies or AP Human Geography

COREQUISITE: If you take this course, you must also take 244 - AP MACROECONOMICS (2nd Sem).

AP U.S. HISTORY A

AP U.S. History provides students with analytic skills and factual knowledge necessary to deal critically with the problems and materials in U.S. History. The course will prepare students for intermediate college courses by making demands upon them equivalent to those made by an introductory college course. Students will learn to assess historical materials and their relevance to a given interpretive problem, their reliability and importance, as well as to weigh evidence and interpretations present in historical scholarship. The AP History students will develop the skills to arrive at conclusions based on informed judgment, and to present reasons and evidence clearly and persuasively in essay format.

COURSE NOTE: May require additional fees.

CREDIT: 0.5 TYPE: Advanced Placement/Laude GRADE: 11-12

PREREQUISITE: Global Studies or AP Human Geography

COREQUISITES: If you take this course, you must also take 222B - AP U.S. HISTORY B
AP U.S. HISTORY B

AP U.S. History provides students with analytic skills and factual knowledge necessary to deal critically with the problems and materials in U.S. History. The course will prepare Students for intermediate college courses by making demands upon them equivalent to those made by an introductory college course. Students will learn to assess historical materials and their relevance to a given interpretive problem, their reliability and importance, as well as to weigh evidence and interpretations present in historical scholarship. The AP History students will develop the skills to arrive at conclusions based on informed judgment, and to present reasons and evidence clearly and persuasively in essay format.

COURSE NOTE: May require additional fees.

CREDIT: 0.5 TYPE: Advanced Placement/LaudeGRADE: 11-12

PREREQUISITE: Global Studies or AP Human Geography

COREQUISITES: If you take this course, you must also take 222A - AP U.S. HISTORY A

AP GOVERNMENT A

While a government class is designed to prepare students to be active members in our democratic society, AP Government takes a student's understanding of the American system to much greater level. The course covers constitutional foundations (including civil liberties); media and public opinion; political parties, interest groups and voting; the public policy institutions (the bureaucracy, legislative, executive, and judicial branches); and the current economic, social, and national security issues facing our country. Students will additionally explore supplemental readings and major court decisions not covered in American Government. Students who take this course will be eligible to take the Advanced Placement Government and Politics: United States exam in the spring.

CREDIT: 0.5 TYPE: Advanced Placement/LaudeGRADE: 11-12

PREREQUISITES: U.S. History and Global Studies or AP Human Geography

COREQUISITES: If you take this course, you must also take 232B - AP GOVERNMENT B
AP GOVERNMENT B  

While a government class is designed to prepare to be active members in our democratic society, AP Government takes a student's understanding of the American system to much greater level. The course covers constitutional foundations (including civil liberties); media and public opinion; political parties, interest groups and voting; the public policy institutions (the bureaucracy, legislative, executive, and judicial branches); and the current economic, social, and national security issues facing our country. Students will additionally explore supplemental readings and major court decisions not covered in American Government. Students who take this course will be eligible to take the Advanced Placement Government and Politics: United States exam in the spring.

CREDIT: 0.5 
TYPE: Advanced Placement/Laude 
GRADE: 11-12

PREREQUISITES: U.S. History and Global Studies or AP Human Geography

COREQUISITES: If you take this course, you must also take 232A - AP GOVERNMENT A

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AP HUMAN GEOGRAPHY A  

AP Human Geography introduces students to the connections between people and the Earth. A significant outcome of this course is student awareness of the relevance of geography to their life and decision-making processes. Historical information serves to enrich analysis of major global issues through themes such as population, culture, political and urban geography, agriculture, industrial development and globalization, and map fundamentals. Students will gain a better understanding of the world in which we live today.

CREDIT: 0.5 
TYPE: Advanced Placement/Laude 
GRADE: 9-12

COREQUISITES: If you take this course, you must also take 237B - AP HUMAN GEOGRAPHY B

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AP HUMAN GEOGRAPHY B  

AP Human Geography introduces students to the connections between people and the Earth. A significant outcome of this course is student awareness of the relevance of geography to their life and decision-making processes. Historical information serves to enrich analysis of major global issues through themes such as population, culture, political and urban geography, agriculture, industrial development and globalization, and map fundamentals. Students will gain a better understanding of the world in which we live today.

CREDIT: 0.5 
TYPE: Advanced Placement/Laude 
GRADE: 9-12

COREQUISITES: If you take this course, you must also take 237A - AP HUMAN GEOGRAPHY A
DRAFTING I-3D SOLID MODELING I - SOLIDWORKS A

This course provides students who have an interest in Science, Technology, Engineering and Math the opportunity to explore and improve his/her talents in communication through mechanical drafting and design. In this course, students use SolidWorks CAD software to create solid models of various components and assemblies, convert solid parts and assemblies into conventional 2D orthographic drawings, create section and auxiliary views, apply dimensions, apply geometric and dimensional tolerances, create tables and other annotations. Students in this course have the opportunity to earn nationally recognized SolidWorks certification (Certified SolidWorks Associate).

COURSE NOTE: May require additional fees.

CREDIT: 0.5 TYPE: Laude GRADE: 9-12

COREQUISITES: If you take this course, you must also take 701B - DRAFTING I-3D SOLID MODELING I - SOLIDWORKS

DRAFTING I-3D SOLID MODELING I - SOLIDWORKS B

This course provides students who have an interest in Science, Technology, Engineering and Math the opportunity to explore and improve his/her talents in communication through mechanical drafting and design. In this course, Students use SolidWorks CAD software to create solid models of various components and assemblies, convert solid parts and assemblies into conventional 2D orthographic drawings, create section and auxiliary views, apply dimensions, apply geometric and dimensional tolerances, create tables and other annotations. Students in this course have the opportunity to earn nationally recognized SolidWorks certification (Certified SolidWorks Associate).

COURSE NOTE: May require additional fees.

CREDIT: 0.5 TYPE: Laude GRADE: 9-12

COREQUISITES: If you take this course, you must also take 701A - DRAFTING I-3D SOLID MODELING I SOLIDWORKS
DRAFTING II-3D SOLID MODELING II - SOLIDWORKS A  702A

This is an advanced course in engineering and design and is recommended for those who are highly motivated toward an engineering career. In this course students will review and use the knowledge gained in Drafting I to further their understanding of 3D modeling and how it relates to manufacturing and industry. Students will gain advanced understanding of SolidWorks and apply these skills to real-world problems. The goal of this course is to help students acquire the skills as a versatile draftsperson, be able to make basic design decisions and be capable of addressing the challenges of future technological advances in the engineering and design profession. Students who learn 3D Solid Modeling develop mechanical CAD, design, validation, and data management skills that are in high demand among employers. In the job market, engineers who know 3D Solid Modeling have a clear advantage. Students in this course have the opportunity to earn nationally recognized SolidWorks certification.

COURSE NOTE: May require additional fees.
CREDIT: 0.5  TYPE: Regular  GRADE: 10-12
PREREQUISITE: 3D Solid Modeling I or Instructor's Approval.
COREQUISITES: If you take this course, you must also take 702B - DRAFTING II-3D SOLID MODELING II – SOLIDWORKS B

DRAFTING II-3D SOLID MODELING II - SOLIDWORKS B  702B

This is an advanced course in engineering and design and is recommended for those who are highly motivated toward an engineering career. In this course students will review and use the knowledge gained in Drafting I to further their understanding of 3D modeling and how it relates to manufacturing and industry. Students will gain advanced understanding of SolidWorks and apply these skills to real-world problems. The goal of this course is to help students acquire the skills as a versatile draftsperson, be able to make basic design decisions and be capable of addressing the challenges of future technological advances in the engineering and design profession. Students who learn 3D Solid Modeling develop mechanical CAD, design, validation, and data management skills that are in high demand among employers. In the job market, engineers who know 3D Solid Modeling have a clear advantage. Students in this course have the opportunity to earn nationally recognized SolidWorks certification.

CREDIT: 0.5  TYPE: Regular  GRADE: 10-12
PREREQUISITE: 3D Solid Modeling I or Instructor's Approval.
COREQUISITES: If you take this course, you must also take 702A - DRAFTING II-3D SOLID MODELING II – SOLIDWORKS A
INTRODUCTION TO TECHNOLOGY AND ENGINEERING A  722A

Introduction to Technology and Engineering is a must for all students who are interested in pursuing engineering in college and as a possible future career. It is designed to acquaint students with a variety of technical skills and give them a broad exposure to many different areas of engineering. Areas of study include career exploration, measurement, problem solving, simple machines, material science, communications, and technical design. Each unit gives students a basic overview on the content and then gives them an opportunity to create a project or participate in a related activity. Students participating in these activities will also develop proper work habits and attitudes, cooperative learning skills, and problem-solving skills. This class is designed to help students make choices for further study in Technology and Engineering courses as well as other subject areas.

COURSE NOTE: Requires additional fees: $35.00.

CREDIT: 0.5  TYPE: Regular  GRADE: 9-12

PREREQUISITE: Algebra I or concurrent registration in Algebra I.

COREQUISITES: If you take this course, you must also take 722B - INTRODUCTION TO TECHNOLOGY AND ENGINEERING B

INTRODUCTION TO TECHNOLOGY AND ENGINEERING B  722B

Introduction to Technology and Engineering is a must for all students who are interested in pursuing engineering in college and as a possible future career. It is designed to acquaint students with a variety of technical skills and give them a broad exposure to many different areas of engineering. Units of study include career exploration, measurement, problem solving, simple machines, material science, communications, and technical design. Each unit gives students a basic overview on the content and then gives them an opportunity to create a project or participate in a related activity. Students participating in these activities will also develop proper work habits and attitudes, cooperative learning skills, and problem-solving skills. This class is designed to help students make choices for further study in Technology and Engineering courses as well as other subject areas.

COURSE NOTE: Requires additional fees: $35.00.

CREDIT: 0.5  TYPE: Regular  GRADE: 9-12

PREREQUISITE: Algebra I or concurrent registration in Algebra I.

COREQUISITES: If you take this course, you must also take 722A - INTRODUCTION TO TECHNOLOGY AND ENGINEERING A
PRINCIPLES OF ENGINEERING A  345A

More and more jobs demand advanced skills, requiring that people be able to learn, reason, think creatively, make decisions, and solve problems. An understanding of science, technology, engineering, and math and their methods, contribute in an essential way to these skills. Principles of Engineering is a team-based course designed for students interested in the application of the knowledge obtained from their math, technology and science classes. Students who complete this course will engage in real world case studies and learning activities that focus on the engineering process and making the world a better place to live and work in.

COURSE NOTE: Requires additional fees: $45.00.

CREDIT: 0.5  TYPE: Gateway Transcripted/Laude  GRADE: 10-12

PREREQUISITE: Concurrent enrollment in Algebra II or higher math course; Intro to Technology and Engineering recommend

COREQUISITES: If you take this course, you must also take 345B - PRINCIPLES OF ENGINEERING B.

PRINCIPLES OF ENGINEERING B  345B

More and more jobs demand advanced skills, requiring that people be able to learn, reason, think creatively, make decisions, and solve problems. An understanding of science, technology, engineering, and math and their methods, contribute in an essential way to these skills. Principles of Engineering is a team-based course designed for students interested in the application of the knowledge obtained from their math, technology and science classes. Students who complete this course will engage in real world case studies and learning activities that focus on the engineering process and making the world a better place to live and work in.


COURSE NOTE: Requires additional fees: $45.00

CREDIT: 0.5  TYPE: Gateway Transcripted/Laude  GRADE: 10-12

PREREQUISITE: Concurrent enrollment in Algebra II or higher math course; Intro to Technology and Engineering recommend

COREQUISITES: If you take this course, you must also take 345A - PRINCIPLES OF ENGINEERING A
IT ESSENTIALS A

Do computers intrigue you? Do you want to learn how to build, configure, upgrade, troubleshoot and repair computers? Are you interested in the IT field? Want to earn college credit? This college course, IT Essentials, focuses on the relationship between hardware and systems software. The course topics include PCs, peripherals, networking, security, troubleshooting, and communication skills. We will be using CISCO training modules as well as actual computers to learn on and practice your skills. IT Essentials is an introductory course that presents a foundation toward pursuit of an IT degree and CompTIA A+ Certification. This is an actual college course and will earn you three college credits that can be applied at Gateway, or any other state school that accepts transfer credits.

COURSE NOTE: Requires additional fees for PC repair equipment (that students keep), USB drive required.

CREDIT: 0.5  TYPE: Gateway Transcripted/Laude  GRADE: 9-12

COREQUISITES: If you take this course, you must also take 763B - IT ESSENTIALS B

IT ESSENTIALS B

Do computers intrigue you? Do you want to learn how to build, configure, upgrade, troubleshoot and repair computers? Are you interested in the IT field? Want to earn college credit? This college course, IT Essentials, focuses on the relationship between hardware and systems software. The course topics include PCs, peripherals, networking, security, troubleshooting, and communication skills. We will be using CISCO training modules as well as actual computers to learn on and practice your skills. IT Essentials is an introductory course that presents a foundation toward pursuit of an IT degree and CompTIA A+ Certification. This is an actual college course and will earn you three college credits that can be applied at Gateway, or any other state school that accepts transfer credits.

COURSE NOTE: Requires additional fees for PC repair equipment (that students keep), USB drive required.

CREDIT: 0.5  TYPE: Gateway Transcripted/Laude  GRADE: 9-12

COREQUISITES: If you take this course, you must also take 763A - IT ESSENTIALS A
INTRO TO NETWORKING/WEB CONCEPTS A 764A

Does the internet intrigue you? Do you want to learn how networks and websites actually work? Have you ever wondered what is actually going on behind the scenes? This course will introduce networking and web concepts. Topics will include the Internet, OSI model, wireless, security, logical and physical topologies, hacking, and web pages. Individuals will learn real world skills related to employment. This is an actual college course and will earn you three college credits that can be applied at Gateway, or any other state school that accept transfer credits.

This course is offered every other year and is being offered in the 2021/2022 school year and again for 2023/2024.

COURSE NOTE: May require additional lab fees, USB drive required.

CREDIT: 0.5 TYPE: Gateway Transcripted/Laude GRADE: 10-12

PREREQUISITE: C+ grade or better in IT Essentials A and B, or Instructor's approval.

COREQUISITES: If you take this course, you must also take 764B - INTRO TO NETWORKING/WEB CONCEPTS B

INTRO TO NETWORKING/WEB CONCEPTS B 764B

Does the internet intrigue you? Do you want to learn how networks and websites actually work? Have you ever wondered what is actually going on behind the scenes? This course will introduce networking and web concepts. Topics will include the Internet, OSI model, wireless, security, logical and physical topologies, hacking, and web pages. Individuals will learn real world skills related to employment. This is an actual college course and will earn you three college credits that can be applied at Gateway, or any other state school that accept transfer credits.

This course is offered every other year and is being offered in the 2021/2022 school year and again for 2023/2024.

COURSE NOTE: May require additional lab fees, USB drive required.

CREDIT: 0.5 TYPE: Gateway Transcripted/Laude GRADE: 10-12

PREREQUISITE: C+ grade or better in IT Essentials A and B, or Instructor's approval.

COREQUISITES: If you take this course, you must also take 764A - INTRO TO NETWORKING/WEB CONCEPTS A
3D COMPUTER ANIMATION I A 756A

3D Computer Animation I is an introductory level course that initiates students into the enormous creative capabilities of the 3D Studio Max program. 3D Studio Max is one of the most powerful designing software that provides comprehensive 3D modeling, rendering, animation, and composing solutions for different industries. From a basic understanding of the program's operation, students learn to visualize, plan, and model in three-dimensional space as well as explore its animation capabilities. The 3D Computer Animation curriculum combines 3D animation processes/production through hands-on applied projects.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 9-12

**COREQUISITES:** If you take this course, you must also take 756B - 3D COMPUTER ANIMATION I B

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3D COMPUTER ANIMATION I B 756B

3D Computer Animation I is an introductory level course that initiates students into the enormous creative capabilities of the 3D Studio Max program. 3D Studio Max is one of the most powerful designing software that provides comprehensive 3D modeling, rendering, animation, and composing solutions for different industries. From a basic understanding of the program's operation, students learn to visualize, plan, and model in three-dimensional space as well as explore animation capabilities. The 3D Computer Animation curriculum combines 3D animation processes/production through hands-on applied projects.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 9-12

**COREQUISITES:** If you take this course, you must also take 756A - 3D COMPUTER ANIMATION I A

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3D COMPUTER ANIMATION II A 757A

3D Computer Animation II is an advanced course designed to provide with an opportunity to continue building up their portfolio of digital work by focusing on the further study and exploration of computer animation. Students will increase their knowledge of the process of animation from initial concept and storyboarding through final rendering. As they develop greater understandings of the many potentials of this powerful tool, are encouraged to work towards their own personal goals and interests

*Gateway and Illinois Institute of Art Articulated - Advanced Standing with a "B" or better.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 10-12

**PREREQUISITE:** Computer Animation I or Instructor's Approval.

**COREQUISITES:** If you take this course, you must also take 757B - 3D COMPUTER ANIMATION II B
3D COMPUTER ANIMATION II B 757B

3D Computer Animation II is an advanced course designed to provide with an opportunity to continue building up their portfolio of digital work by focusing on the further study and exploration of computer animation. Students will increase their knowledge of the process of animation from initial concept and storyboarding through final rendering. As they develop greater understandings of the many potentials of this powerful tool, are encouraged to work towards their own personal goals and interests.

*Gateway and Illinois Institute of Art Articulated - Advanced Standing with a "B" or better.

CREDIT: 0.5  TYPE: Regular  GRADE: 10-12

PREREQUISITE: Computer Animation I or Instructor's Approval.

COREQUISITES: If you take this course, you must also take 757A - 3D COMPUTER ANIMATION II A

3D ANIMATION GAME DESIGN ACADEMY A 759A

3D Animation and Gaming is today's hottest multimedia application. This course will carefully take the student through the process involved in creating a 3D video game level, including exporting 3D models and animations from 3D Max and writing scripts that define the game play. It will provide a real-world scenario for game creation and explain what is going on inside a game engine so the student can fully appreciate the connection between game art and game technology.

*Illinois Institute of Art Articulated - Advanced Standing with a "B" or better.

CREDIT: 0.5  TYPE: Regular  GRADE: 11-12

PREREQUISITE: Computer Animation I & II or Instructor's consent. Students must have working knowledge of 3ds Max. This includes familiarity with the 3ds Max interface, and having basic knowledge of modeling, texturing and key frame animation.

COREQUISITES: If you take this course, you must also take 759B - 3D ANIMATION GAME DESIGN ACADEMY B
3D ANIMATION GAME DESIGN ACADEMY B  

3D Animation and Gaming is today's hottest multimedia application. This course will carefully take the student through the process involved in creating a 3D video game level, including exporting 3D models and animations from 3D Max and writing scripts that define the game play. It will provide a real-world scenario for game creation and explain what is going on inside a game engine so the student can fully appreciate the connection between game art and game technology.

*Illinois Institute of Art Articulated - Advanced Standing with a "B" or better.

CREDIT: 0.5  
TYPE: Regular  
GRADE: 11-12

PREREQUISITE: Computer Animation I & II or Instructor's consent. Students must have working knowledge of 3ds Max. This includes familiarity with the 3ds Max interface, and having basic knowledge of modeling, texturing and key frame animation.

COREQUISITES: If you take this course, you must also take 759A - 3D ANIMATION GAME DESIGN ACADEMY A

ARCHITECTURAL DRAFTING AND DESIGN A  713A

Architectural Drafting and Design is a beginning course in residential planning and design. It provides students with the fundamental skills and concepts necessary for planning, designing, drawing a residence for construction. Students will learn how to prepare architectural drawings that will effectively and accurately communicate ideas and designs to clients, contractors, and construction personnel.

COURSE NOTE: May require additional fees.

CREDIT: 0.5  
TYPE: Regular  
GRADE: 10-12

PREREQUISITE: 3D Solid Modeling I or Instructor's Approval.

COREQUISITES: If you take this course, you must also take 713B - ARCHITECTURAL DRAFTING AND DESIGN B

ARCHITECTURAL DRAFTING AND DESIGN B  713B

Architectural Drafting and Design is a beginning course in residential planning and design. It provides students with the fundamental skills and concepts necessary for planning, designing, drawing a residence for construction. Students will learn how to prepare architectural drawings that will effectively and accurately communicate ideas and designs to clients, contractors, and construction personnel.

COURSE NOTE: May require additional fees.

CREDIT: 0.5  
TYPE: Regular  
GRADE: 10-12

PREREQUISITE: 3D Solid Modeling I or Instructor's Approval.

COREQUISITES: If you take this course, you must also take 713A - ARCHITECTURAL DRAFTING AND DESIGN A
GRAPHIC COMMUNICATIONS I A  

Come explore the amazing world that is Graphic Communications! Students will learn how to use professional design software (which includes Photoshop, Illustrator, and InDesign) and learn how to operate state of the art equipment (like laser engravers, drawing tablets, printers, and more) to create a variety of FUN projects and create original artwork! Design and make things like T-shirts, stickers, posters, and so much more! Show off your creativity! At home access to the Adobe Creative Cloud is included with the course, which is a $636 value! Opportunities to become ACA (Adobe) certified are also available!

COURSE NOTE: Course requires lab fees / USB Drive Recommended.

CREDIT: 0.5  
TYPE: Regular  
GRADE: 9-12

COREQUISITES: If you take this course, you must also take 751B - GRAPHIC COMMUNICATIONS I B

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GRAPHIC COMMUNICATIONS I B  

Come explore the amazing world that is Graphic Communications! Students will learn how to use professional design software (which includes Photoshop, Illustrator, and InDesign) and learn how to operate state of the art equipment (like laser engravers, drawing tablets, printers, and more) to create a variety of FUN projects and create original artwork! Design and make things like T-shirts, stickers, posters, and so much more! Show off your creativity! At home access to the Adobe Creative Cloud is included with the course, which is a $636 value! Opportunities to become ACA (Adobe) certified are also available!

COURSE NOTE: Course requires lab fees / USB Drive Recommended.

CREDIT: 0.5  
TYPE: Regular  
GRADE: 9-12

COREQUISITES: If you take this course, you must also take 751A - GRAPHIC COMMUNICATIONS I A
GRAPHIC COMMUNICATIONS II A 752A

Graphic Communications Il is for students who have excelled and have a solid background from Graphics I. Students will learn more advanced skills and be able to expand upon their graphics knowledge. New printing technologies and professional techniques will be discussed and explored throughout the year. Students will become Adobe Certified Associates in one or more of the following software programs: Photoshop, Illustrator, or InDesign! Career options will be discussed. A digital portfolio will be created, and access to Adobe Creative Cloud is included, which is a $636 value!

COURSE NOTE: Course requires lab fees / USB Drive Recommended.

CREDIT: 0.5  TYPE: Laude  GRADE: 10-12

PREREQUISITE: "C" or better in Graphic Communications I A and B, or Instructor's approval.

COREQUISITES: If you take this course, you must also take 752B - GRAPHIC COMMUNICATIONS II B

GRAPHIC COMMUNICATIONS II B 752B

Graphic Communications Il is for students who have excelled and have a solid background from Graphics I. Students will learn more advanced skills and be able to expand upon their graphics knowledge. New printing technologies and professional techniques will be discussed and explored throughout the year. Students will become Adobe Certified Associates in one or more of the following software programs: Photoshop, Illustrator, or InDesign! Career options will be discussed. A digital portfolio will be created, and access to Adobe Creative Cloud is included, which is a $636 value!

COURSE NOTE: Course requires lab fees / USB Drive Recommended.

CREDIT: 0.5  TYPE: Laude  GRADE: 10-12

PREREQUISITE: "C" or better in Graphic Communications I A and B, or Instructor's approval.

COREQUISITES: If you take this course, you must also take 752A - GRAPHIC COMMUNICATIONS II A
Graphic Communications III is designed for students who may plan to go on to higher learning in an area of the graphic industry following their high school career. Computer layout and design skills learned from the previous courses are essential to Graphic Communication III. The course will simulate an independent, job-like setting where students choose the areas of the industry interesting to them, and create and complete projects and expand their knowledge in those areas. Students will also be required to do computer layout work and printing for the school and outside sources as well to further simulate the experience. Students will become Adobe Certified Associates in Photoshop, Illustrator, or InDesign! Career options will be discussed. Their digital portfolio will be updated, and access to Adobe Creative Cloud is included, a $636 value!

**COURSE NOTE:** Course requires lab fees / USB Drive Recommended.

**CREDIT:** 0.5  
**TYPE:** Laude  
**GRADE:** 11-12

**PREREQUISITE:** "C" or better in Graphic Communications II A and B, and Instructor's Approval.

**COREQUISITES:** If you take this course, you must also take 753B - GRAPHIC COMMUNICATIONS III B
GRAPHIC COMMUNICATIONS IV A 754A

Graphic Communications IV is designed as a CAPSTONE course for the Graphic Communications area. Students taking this course plan to go on to higher learning in an area of the graphics industry following their high school career. Advanced computer layout and design skills learned from the previous course are essential to Graphic Communications IV. The course will simulate an independent, real world employment production setting where work is completed that will maximize their skills and job readiness. There is also an opportunity to design, manufacturer, and sell graphics related products as well as complete their own independent work! Career options will be discussed, and their digital portfolio will be updated. Access to Adobe Creative Cloud is included, a $636 value!

COURSE NOTE: Course requires lab fees / USB Drive Recommended.

CREDIT: 0.5  TYPE: Laude  GRADE: 12

PREREQUISITE: "C+" or better in Graphic Communications III A and B, or Instructor's Approval.

COREQUISITES: If you take this course, you must also take 754B - GRAPHIC COMMUNICATIONS IV B

GRAPHIC COMMUNICATIONS IV B 754B

Graphic Communications IV is designed as a CAPSTONE course for the Graphic Communications area. Students taking this course plan to go on to higher learning in an area of the graphics industry following their high school career. Advanced computer layout and design skills learned from the previous course are essential to Graphic Communications IV. The course will simulate an independent, real world employment production setting where work is completed that will maximize their skills and job readiness. There is also an opportunity to design, manufacturer, and sell graphics related products as well as complete their own independent work! Career options will be discussed, and their digital portfolio will be updated. Access to Adobe Creative Cloud is included, a $636 value!

COURSE NOTE: Course requires lab fees / USB Drive Recommended.

CREDIT: 0.5  TYPE: Laude  GRADE: 12

PREREQUISITE: "C+" or better in Graphic Communications III A AND B

COREQUISITES: If you take this course, you must also take 754A - GRAPHIC COMMUNICATIONS IV A
METALS I A  

Metals I is a great course for anyone interested in metal materials, design, engineering, making projects, and learning. No previous experience in metalworking is required. The subject areas taught are machining, sheet metals, foundry, and welding. In each of these areas’ instruction focuses on safety, basic concepts, technical information, operations, and procedures. Understanding of these areas is required before a student may actually work in the shop. Metalworking skills are developed through experience in the shop. All students are required to follow safety rules and a positive attitude towards these rules must be displayed. A minimum "C" grade and instructor approval is required to advance to Metals II.

COURSE NOTE: Requires additional lab fees: $40.00 per semester.
CREDIT: 0.5  TYPE: Regular  GRADE: 9-12
COREQUISITES: If you take this course, you must also take 725B - METALS I B

METALS I B  

Metals I is a great course for anyone interested in metal materials, design, engineering, making projects, and learning. No previous experience in metalworking is required. The subject areas taught are machining, sheet metals, foundry, and welding. In each of these areas’ instruction focuses on safety, basic concepts, technical information, operations, and procedures. Understanding of these areas is required before a student may actually work in the shop. Metalworking skills are developed through experience in the shop. All students are required to follow safety rules and a positive attitude towards these rules must be displayed. A minimum "C" grade and instructor approval is required to advance to Metals II.

COURSE NOTE: Requires additional lab fees: $40.00 per semester.
CREDIT: 0.5  TYPE: Regular  GRADE: 9-12
COREQUISITES: If you take this course, you must also take 725B - METALS I B

METALS II A  

Metals II focuses on are manufacturing and preparing for future employment. The course presents technical information, skill development, and positive work attitudes. Metals II expands on the material introduced in the first-year class. A minimum "C" grade is required to advance to Metals III.

COURSE NOTE: Requires additional lab fees: $50.00.
CREDIT: 0.5  TYPE: Gateway Transcribed/Laude  GRADE: 10-12
PREREQUISITE: 725B - Metals I B
COREQUISITES: If you take this course, you must also take 726B - METALS II B
METALS II B 726B

Metals II focuses on are manufacturing and preparing for future employment. The course presents technical information, skill development, and positive work attitudes. Metals II expands on the material introduced in the first-year class. A minimum “C” grade is required to advance to Metals III.

COURSE NOTE: Requires additional lab fees: $50.00.

CREDIT: 0.5  TYPE: Gateway Transcripted/Laude  GRADE: 10-12

PREREQUISITE: 725B - Metals I A

COREQUISITES: If you take this course, you must also take 726B - METALS II A

METALS III A 727A

Metals III is designed for interested in continuing their knowledge of precision machine operation, welding, and metallurgy. This course product development, planning and layout, working drawings and the development of advanced machining skills. Independent study gives the advanced student the opportunity to future develop skills. The student concentrates in an area of metalworking for an entire semester and produces a project of his/her own choice with the instructor's approval. Advanced study and course credit is available to students with superior talent and ability in metals, upon instructor's recommendation.

COURSE NOTE: Requires additional lab fees: $50.00.

CREDIT: 0.5  TYPE: Gateway Transcripted/Laude  GRADE: 11-12

PREREQUISITE: Metals II or Instructor's Approval.

COREQUISITES: If you take this course, you must also take 727B - METALS III B

METALS III B 727B

Metals III is designed for students interested in continuing their knowledge of precision machine operation, welding, and metallurgy. This course presents product development, planning and layout, working drawings and the development of advanced machining skills. Independent study gives the advanced student the opportunity to further develop skills. The student concentrates in an area of metalworking for an entire semester and produces a project of his/her own choice with the instructor's approval. Advanced study and course credit is available to students with superior talent and ability in metals, upon instructor's recommendation.

COURSE NOTE: Requires additional lab fees: $50.00.

CREDIT: 0.5  TYPE: Gateway Transcripted/Laude  GRADE: 11-12

PREREQUISITE: Metals II or Instructor's Approval.

COREQUISITES: If you take this course, you must also take 727A - METALS III A
METALS IV A 729A

This is the CAPSTONE course for students seriously considering a career in metals, engineering, or manufacturing. Students participating in this course will complete complex projects involving a multitude of materials and processes showcasing skills and techniques acquired throughout the metals program. Students will also complete dual credit technical college coursework and participate in job shadows, internships, or apprenticeship programs related to manufacturing. Metals IV engages students in deeper learning in the areas of part programming, CAD/CAM software, tool geometry, machine setups, inspection, lean manufacturing principles, and quality. This class offers learning opportunities for students going into engineering and manufacturing at a variety of ability levels. This class also plays a large role in the support of the entire metals manufacturing program through the service, repair, and maintenance of Central's metal tab and equipment.

CREDIT: 0.5 TYPE: Gateway Transcripted/Laude GRADE: 11-12

PREREQUISITE: 727B - Metals III B with a “B” or better; Failure to come up with a capstone project will result in course removal.

COREQUISITES: If you take this course, you must also take 729B - METALS IV B

METALS IV B 729B

This is the CAPSTONE course for students seriously considering a career in metals, engineering, or manufacturing. Students participating in this course will complete complex projects involving a multitude of materials and processes showcasing skills and techniques acquired throughout the metals program. Students will also complete dual credit technical college coursework and participate in job shadows, internships, or apprenticeship programs related to manufacturing. Metals IV engages students in deeper learning in the areas of part programming, CAD/CAM software, tool geometry, machine setups, inspection, lean manufacturing principles, and quality. This class offers learning opportunities for students going into engineering and manufacturing at a variety of ability levels. This class also plays a large role in the support of the entire metals manufacturing program through the service, repair, and maintenance of Central's metal tab and equipment.

CREDIT: 0.5 TYPE: Gateway Transcripted/Laude GRADE: 11-12

PREREQUISITE: 727B - Metals III B with a “B” or better; Failure to come up with a capstone project will result in course removal.

COREQUISITES: If you take this course, you must also take 729A - METALS IV A
FOUNDATIONS OF BUILDING TRADES & WOOD PRODUCTS MANUFACTURING A  730A

Students in this course will be introduced to the machines, materials and processes used in wood products manufacturing. Students will also be introduced to the tools, materials, and skills of the modern building trades with an emphasis on Carpentry. Career options for each will be explored. Students will learn while they build required projects designed to help them meet the course objectives. Students will be evaluated based on: ability to perform skills, knowledge of machines, tools, and processes, and their ability to complete projects that meet standards. This course will use standards and curriculum from North Central States Regional Council of Carpenters and the Woodwork Career Alliance. Students who enroll in this course must have the potential to be very good at measuring and must be willing to follow strict safety rules. Course projects may include but not limited to cutting boards, toolbox, and bookcase.

COURSE NOTE: Course fee approx. $50.00 per semester

CREDIT: 0.5 TYPE: Regular GRADE: 9-12

COREQUISITES: If you take this course, you must also take 730B - FOUNDATIONS OF BUILDING TRADES & WOOD PRODUCTS MANUFACTURING B

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FOUNDATIONS OF BUILDING TRADES & WOOD PRODUCTS MANUFACTURING B  730B

Students in this course will be introduced to the machines, materials and processes used in wood products manufacturing. Students will also be introduced to the tools, materials, and skills of the modern building trades with an emphasis on Carpentry. Career options for each will be explored. Students will learn while they build required projects designed to help them meet the course objectives. Students will be evaluated based on: ability to perform skills, knowledge of machines, tools, and processes, and their ability to complete projects that meet standards. This course will use standards and curriculum from North Central States Regional Council of Carpenters and the Woodwork Career Alliance. Students who enroll in this course must have the potential to be very good at measuring and must be willing to follow strict safety rules. Course projects may include but not limited to cutting boards, toolbox, and bookcase.

COURSE NOTE: Course fee approx. $50.00 per semester

CREDIT: 0.5 TYPE: Regular GRADE: 9-12

COREQUISITES: If you take this course, you must also take 730A - FOUNDATIONS OF BUILDING TRADES & WOOD PRODUCTS MANUFACTURING A
BUILDING TRADES I: INTERMEDIATE CARPENTRY A  736A

This course covers basic knowledge of many trades that are found in the construction industry with a focus on carpentry. Students who have an interest in entering the construction trades are encouraged to take this course. The major topics presented are safety, construction math, hand tools, power tools, materials, construction drawings, and completion of intermediate level projects. Each area teaches the necessary terminology and technical knowledge, as well as provides the students with the opportunity to develop various skills through hands-on experience. Students will have the opportunity to earn national certification through the North Central States Regional Council of Carpenters and three (3) transcripted credits from the Gateway Technical College Building Construction Program.

CREDIT: 0.5  TYPE: Gateway Transcribed/Laude  GRADE: 10-12

PREREQUISITE: Successful completion of Foundations of Building Trades and Wood Product Manufacturing A & B or approval of instructor.

COREQUISITES: If you take this course, you must also take 736B - BUILDING TRADES I: INTERMEDIATE CARPENTRY B

BUILDING TRADES I: INTERMEDIATE CARPENTRY B  736B

This course covers basic knowledge of many trades that are found in the construction industry with a focus on carpentry. Students who have an interest in entering the construction trades are encouraged to take this course. The major topics presented are safety, construction math, hand tools, power tools, materials, construction drawings, and completion of intermediate level projects. Each area teaches the necessary terminology and technical knowledge, as well as provides the students with the opportunity to develop various skills through hands-on experience. Students will have the opportunity to earn national certification through the North Central States Regional Council of Carpenters and three (3) transcripted credits from the Gateway Technical College Building Construction Program.

CREDIT: 0.5  TYPE: Gateway Transcribed/Laude  GRADE: 10-12

COREQUISITES: If you take this course, you must also take 736A - BUILDING TRADES I: INTERMEDIATE CARPENTRY A
This course covers intermediate level knowledge in many trades found in the construction industry with a focus on carpentry. Students who are serious about pursuing an apprenticeship in the construction trades are strongly advised to take this course. Hours from this course may be applied to apprenticeship experience hours. The major topics presented are safety, construction math, hand tools, power tools, construction drawings, partition layout, door and window openings, wall systems, establishing plumb, header construction, soffits, hip roofs, drywall, and ceilings. Each area teaches the necessary terminology and technical knowledge, as well as provides the students with the opportunity to develop various skills through hands-on experience. Students will have the opportunity to earn national certification through the North Central States Regional Council of Carpenters and five (5) transcripted credits from the Gateway Technical College Building Construction Program.

CREDIT: 0.5
TYPE: Gateway Transcripted/Laude
GRADE: 11-12

PREREQUISITE: 736B – Building Trades I: Intermediate Carpentry B

COREQUISITES: If you take this course, you must also take 737B - BUILDING TRADES II: ADVANCED CARPENTRY B

This course covers intermediate level knowledge in many trades found in the construction industry with a focus on carpentry. Students who are serious about pursuing an apprenticeship in the construction trades are strongly advised to take this course. Hours from this course may be applied to apprenticeship experience hours. The major topics presented are safety, construction math, hand tools, power tools, construction drawings, partition layout, door and window openings, wall systems, establishing plumb, header construction, soffits, hip roofs, drywall, and ceilings. Each area teaches the necessary terminology and technical knowledge, as well as provides the students with the opportunity to develop various skills through hands-on experience. Students will have the opportunity to earn national certification through the North Central States Regional Council of Carpenters and five (5) transcripted credits from the Gateway Technical College Building Construction Program.

CREDIT: 0.5
TYPE: Gateway Transcripted/Laude
GRADE: 11-12

COREQUISITES: If you take this course, you must also take 737A - BUILDING TRADES II: ADVANCED CARPENTRY A
WOMEN & WOODWORKING A 735A

Women & Woodworking is designed to offer female students all the skill attainment of the current Foundations of Building Trades & Wood Product Manufacturing course but with a classroom environment, project choices, and career focus that is intentionally female centered. Students in this course will be introduced to the machines, materials and processes used in wood products manufacturing. Students will also be introduced to the tools, materials, and skills of the modern building trades with an emphasis on Carpentry. Career options for each will be explored. Students will learn while they build required projects designed to help them meet the course objectives. Students will be evaluated based on: ability to perform skills, knowledge of machines, tools, and processes, and their ability to complete projects that meet standards. This course will use standards and curriculum from North Central States Regional Council of Carpenters and the Woodwork Career Alliance. Students who enroll in this course must have the potential to be very good at measuring and must be willing to follow strict safety rules. Course projects may include but not limited to cutting boards, toolbox, and bookcase.

COURSE NOTE: Course fee approx. $50.00 per semester

CREDIT: 0.5 TYPE: Regular GRADE: 9-12

COREQUISITES: If you take this course, you must also take 735B - WOMEN & WOODWORKING B

WOMEN & WOODWORKING B 735B

Women & Woodworking is designed to offer female students all the skill attainment of the current Foundations of Building Trades & Wood Product Manufacturing course but with a classroom environment, project choices, and career focus that is intentionally female centered. Students in this course will be introduced to the machines, materials and processes used in wood products manufacturing. Students will also be introduced to the tools, materials, and skills of the modern building trades with an emphasis on Carpentry. Career options for each will be explored. Students will learn while they build required projects designed to help them meet the course objectives. Students will be evaluated based on: ability to perform skills, knowledge of machines, tools, and processes, and their ability to complete projects that meet standards. This course will use standards and curriculum from North Central States Regional Council of Carpenters and the Woodwork Career Alliance. Students who enroll in this course must have the potential to be very good at measuring and must be willing to follow strict safety rules. Course projects may include but not limited to cutting boards, toolbox, and bookcase.

CREDIT: 0.5 TYPE: Regular GRADE: 9-12

COREQUISITES: If you take this course, you must also take 735A - WOMEN & WOODWORKING A
Students in this course will use their existing basic knowledge and build upon it to operate machines, perform skills, and complete processes to an intermediate level of skill in wood products manufacturing. Students will learn while they build required projects designed to help them meet the course objectives. Students will be evaluated based on their ability to perform machine skills, their knowledge of machines and processes, and their ability to complete projects that meet standards. The learning in this course will be a continuation and an expansion of the woodworking specific portions of FOUNDATIONS OF BUILDING TRADES & WOOD PRODUCT MANUFACTURING. Students will build more technically advanced and challenging projects and the standards by which they are evaluated will be more rigorous. Course Project: coffee table, night stand cabinet.

**COURSE NOTE:** Course fee approx. $50.00 per semester

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 10-12

**PREREQUISITE:** 730B – Foundations of Building Trades and Wood Products Manufacturing B

**COREQUISITES:** If you take this course, you must also take 732B - WOOD PRODUCTS MANUFACTURING INTERMEDIATE: MACHINES, SKILLS AND PROCESSES B
WOOD PROD MANUFACTURING ADVANCED: CABINETMAKING AND MILLWORK A 733A

Students in this course will learn the skills and processes used in modern cabinetmaking and millwork manufacturing. Students will learn while they build projects they have chosen to help them meet the course objectives. The projects must be approved by the teacher and must incorporate certain cabinetmaking and millwork processes. Students will be evaluated based on their ability to perform machine skills, their knowledge of machines and processes, and their ability to complete projects that meet standards. The learning in this course will be an expansion of the two previous woods courses. Students will build more technically advanced and challenging projects and the standards by which they are evaluated will be more rigorous than in previous coursework. Students in this class will join the Woodwork Career Alliance and their skills will be evaluated based on the national standards of this organization. The students are expected to achieve the “Sawblade” Award certification from the WCA as part of the course skills grade. This course is geared towards students who are considering wood manufacturing as a career path, but is also a great class for those who are interested in woodworking as a hobby. *Additional fees to cover all cost of WCA Membership. Students must pay for any materials they use in the completion of their projects. Students who do not wish to pay for projects will build items for sale to cover material costs. Students who take this course will have the option to enroll through MATC Madison College to receive two (2) college credits if they successfully complete all required coursework at the required ability level.

COURSE NOTE: Course fee-$55.00* Additional fees may apply.

CREDIT: 0.5 TYPE: MATC Madison Transcribed/Laude GRADE: 11-12


COREQUISITES: If you take this course, you must also take 733B - WOOD PRODUCTS MANUFACTURING ADVANCED: CABINETMAKING AND MILLWORK B
WOOD PROD MANUFACTURING ADVANCED: CABINETMAKING AND MILLWORK B 733B

Students in this course will learn the skills and processes used in modern cabinetmaking and millwork manufacturing. Students will learn while they build projects they have chosen to help them meet the course objectives. The projects must be approved by the teacher and must incorporate certain cabinetmaking and millwork processes. Students will be evaluated based on their ability to perform machine skills, their knowledge of machines and processes, and their ability to complete projects that meet standards. The learning in this course will be an expansion of the two previous woods courses. Students will build more technically advanced and challenging projects and the standards by which they are evaluated will be more rigorous than in previous coursework. Students in this class will join the Woodwork Career Alliance and their skills will be evaluated based on the national standards of this organization. The students are expected to achieve the “Sawblade” Award certification from the WCA as part of the course skills grade. This course is geared towards students who are considering wood manufacturing as a career path, but is also a great class for those who are interested in woodworking as a hobby. *Additional fees to cover all cost of WCA Membership. Students must pay for any materials they use in the completion of their projects. Students who do not wish to pay for projects will build items for sale to cover material costs. Students who take this course will have the option to enroll through MATC Madison College to receive two (2) college credits if they successfully complete all required coursework at the required ability level.

COURSE NOTE: Course fee-$55.00* Additional fees may apply.

CREDIT: 0.5 TYPE: MATC Madison Transcribed/Laude GRADE: 11-12

PREREQUISITE: Successful completion of Wood Prod. Man. Intermediate

COREQUISITES: If you take this course, you must also take 733A - WOOD PRODUCTS MANUFACTURING ADVANCED: CABINETMAKING AND MILLWORK A
WOOD PRODUCTS MANUFACTURING: CAPSTONE A 734A

Students will learn while they build projects they have chosen to help them meet the course objectives. The projects must be approved by the teacher and must incorporate certain cabinetmaking and millwork processes. Students will be evaluated based on their ability to perform machine skills, their knowledge of machines and processes, and their ability to complete projects that meet standards. The learning in this course will be an expansion of the previous woods courses. Students will build more technically advanced and challenging projects and the standards by which they are evaluated will be more rigorous than in previous coursework. Students who take this course will have the option to enroll through MATC Madison College to receive 1 college credit if they successfully complete all required coursework at the required ability level. Students in this class will work toward Woodwork Career Alliance Green Level Certification. Students in this course are expected to join and compete in SkillsUSA Wisconsin State competition.

COURSE NOTE: Course fees - Additional fees may apply

CREDIT: 0.5  TYPE: MATC Madison Transcripted/Laude  GRADE :11-12

PREREQUISITE: 733B - Wood Products Manufacturing Advanced: Cabinetmaking and Millwork B

COREQUISITES: If you take this course, you must also take 734B - WOOD PRODUCTS MANUFACTURING: CAPSTONE B

WOOD PRODUCTS MANUFACTURING: CAPSTONE B 734B

Students will learn while they build projects they have chosen to help them meet the course objectives. The projects must be approved by the teacher and must incorporate certain cabinetmaking and millwork processes. Students will be evaluated based on their ability to perform machine skills, their knowledge of machines and processes, and their ability to complete projects that meet standards. The learning in this course will be an expansion of the previous woods courses. Students will build more technically advanced and challenging projects and the standards by which they are evaluated will be more rigorous than in previous coursework. Students who take this course will have the option to enroll through MATC Madison College to receive 1 college credit if they successfully complete all required coursework at the required ability level. Students in this class will work toward Woodwork Career Alliance Green Level Certification. Students in this course are expected to join and compete in SkillsUSA Wisconsin State competition.

COURSE NOTE: Course fees - Additional fees may apply

CREDIT: 0.5  TYPE: MATC Madison Transcripted/Laude  GRADE :11-12

COREQUISITES: If you take this course, you must also take 734A - WOOD PRODUCTS MANUFACTURING: CAPSTONE A
SPANISH I A          151A

Spanish I is for students with no previous Spanish instruction or with less than two years of grade school Spanish. In Spanish I students are progressively immersed into Spanish. Students will learn to socialize, exchange information, to express feelings and emotions and to persuade, orally and in writing. Students are also introduced to Spanish and Latin American cultures and customs. A Spanish-English dictionary and workbook are required. Students should expect to communicate in Spanish as much as possible.

COURSE NOTE: May require additional fees.

CREDIT: 0.5       TYPE: Regular       GRADE: 9-12

COREQUISITES: If you take this course, you must also take 151B - SPANISH I B

SPANISH I B          151B

Spanish I is for students with no previous Spanish instruction or with less than two years of grade school Spanish. In Spanish I students are progressively immersed into Spanish. Students will learn to socialize, exchange information, to express feelings and emotions and to persuade, orally and in writing. Students are also introduced to Spanish and Latin American cultures and customs. A Spanish-English dictionary and workbook are required. Students should expect to communicate in Spanish as much as possible.

COURSE NOTE: May require additional fees.

CREDIT: 0.5       TYPE: Regular       GRADE: 9-12

COREQUISITES: If you take this course, you must also take 151A - SPANISH I A

SPANISH II A          152A

Spanish II is conducted primarily in Spanish. Students will review and expand on their language skills of socializing, exchanging information, expressing feelings and emotions and persuading. In addition, they will learn how to express attitudes and opinions. Cultural study includes areas of Latin America and Spain. A Spanish 2 workbook is required.

COURSE NOTE: May require additional fees.

CREDIT: 0.5       TYPE: Regular       GRADE: 9-12

PREREQUISITE: Successful completion of Spanish I or the Spanish II Placement exam.

COREQUISITES: If you take this course, you must also take 152B - SPANISH II B
SPANISH II B          152B

Spanish II is conducted primarily in Spanish. Students will review and expand on their language
skills of socializing, exchanging information, expressing feelings and emotions and persuading.
In addition, they will learn how to express attitudes and opinions. Cultural study includes areas of
Latin America and Spain. A Spanish 2 workbook is required.

COURSE NOTE: May require additional fees.
CREDIT: 0.5     TYPE: Regular     GRADE: 9-12
PREREQUISITE: Successful completion of Spanish I or the Spanish II Placement exam.
COREQUISITES: If you take this course, you must also take 152A - SPANISH II A

SPANISH III HONORS A          157A

Spanish III is conducted in Spanish. It focuses on the five skills: speaking, listening, reading,
writing and culture. Students will discuss people, places and events by describing and narrating
in the past, present, future as well as making inroads into the subjunctive. Cultural insight is
continued by the study of contemporary Spanish music, foods, daily activities and customs of
Spanish speaking countries. Engl./Spanish dictionary, and a pocket verb reference book are
recommended.

COURSE NOTE: May require additional fees.
CREDIT: 0.5     TYPE: Honors/Laude     GRADE: 10-12
PREREQUISITE: Successful completion of Spanish II or the Spanish III Placement exam.
COREQUISITES: If you take this course, you must also take 157B - SPANISH III HONORS B

SPANISH III HONORS B          157B

Spanish III is conducted in Spanish. It focuses on the five skills: speaking, listening, reading,
writing and culture. Students will discuss people, places and events by describing and narrating
in the past, present, future as well as making inroads into the subjunctive. Cultural insight is
continued by the study of contemporary Spanish music, foods, daily activities and customs of
Spanish speaking countries. Engl./Spanish dictionary, and a pocket verb reference book are
recommended.

COURSE NOTE: May require additional fees.
CREDIT: 0.5     TYPE: Honors/Laude     GRADE: 10-12
PREREQUISITE: Successful completion of Spanish II or the Spanish III Placement exam.
COREQUISITES: If you take this course, you must also take 157A - SPANISH III HONORS A
The AP Spanish Language & Culture course is conducted entirely in Spanish with a focus on authentic materials from the Spanish-speaking world. According to the curriculum of the AP Spanish Language & Culture course, this course is the equivalent of a third-year college conversation and composition course, and the goal is to improve the four main language skills: reading, writing, listening and speaking. In addition, the students will explore authentic resources such as social media, online magazines, podcasts, videos, news case, short stories and other mediums to do the following: understand spoken and written Spanish, speak on a wide variety of topics, write formal and informal compositions in a wide variety of styles with appropriate grammatical structures, expanded vocabulary use and proper use of register to differentiate between audiences. And, continue using Spanish to communicate in meaningful situations throughout life. Upon completion of this course, students are encouraged to take the AP Spanish Language & Culture exam and/or college placement tests. A workbook and access to a dictionary is required.

COURSE NOTE: May require additional fees.

CREDIT: 0.5 
TYPE: Advanced Placement/Laude 
GRADE: 10-12 
PREREQUISITE: Successful completion of Spanish III Honors with a B or better or teacher recommendation. 

COREQUISITES: If you take this course, you must also take 150B - AP SPANISH LANGUAGE & CULTURE B 

The AP Spanish Language & Culture course is conducted entirely in Spanish with a focus on authentic materials from the Spanish-speaking world. According to the curriculum of the AP Spanish Language & Culture course, this course is the equivalent of a third-year college conversation and composition course, and its goal is to improve the four main language skills: reading, writing, listening and speaking. In addition, the students will explore authentic resources such as social media, online magazines, podcasts, videos, news cast short stories and other mediums to do the following: understand spoken and written Spanish, speak on a wide variety of topics, write formal and informal compositions in a wide variety of styles with appropriate grammatical structures, expanded vocabulary use and proper use of register to differentiate between audiences. And, continue using Spanish to communicate in meaningful situations throughout life. Upon completion of this course, students are encouraged to take the AP Spanish Language & Culture exam and/or college placement tests. A workbook and access to a dictionary is required.

COURSE NOTE: May require additional fees.

CREDIT: 0.5 
TYPE: Advanced Placement/Laude 
GRADE: 10-12 
PREREQUISITE: Successful completion of Spanish III Honors with a B or better or teacher recommendation.

COREQUISITES: If you take this course, you must also take 150A - AP SPANISH LANGUAGE & CULTURE A
AP SPANISH LITERATURE & CULTURE A 156A

AP Spanish Literature and Culture is a course conducted entirely in Spanish with a focus on authentic materials created by Spanish-speakers, for Spanish-speakers. AP Spanish Literature is the equivalent of a third-year college survey or literature course. Students in this course will explore major works of literature in all the principal literary genres—short stories, dramas, novels, essays, and poetry—by writers from around the Hispanic world. In addition, students will learn about social, political, and economic issues affecting the Spanish-speaking world using a variety of media. Current music, websites, blogs, and social media will support and enhance our study of classic literature. Upon completion of this course, students are encouraged to take the AP Spanish Literature test or a Spanish placement test for their college of choice, if they are seniors. If a junior, continue with Spanish by taking the AP Spanish Language & Culture course the following year.

COURSE NOTE: May require additional fees.
CREDIT: 0.5 TYPE: Advanced Placement/Laude GRADE: 10-12

PREREQUISITE: Successful completion of Spanish III Honors with a B or better or teacher recommendation.

COREQUISITES: If you take this course, you must also take 156B - AP SPANISH LITERATURE & CULTURE B

AP SPANISH LITERATURE & CULTURE B 156B

AP Spanish Literature and Culture is a course conducted entirely in Spanish with a focus on authentic materials created by Spanish-speakers, for Spanish-speakers. AP Spanish Literature is the equivalent of a third-year college survey or literature course. Students in this course will explore major works of literature in all the principal literary genres—short stories, dramas, novels, essays, and poetry—by writers from around the Hispanic world. In addition, students will learn about social, political, and economic issues affecting the Spanish-speaking world using a variety of media. Current music, websites, blogs, and social media will support and enhance our study of classic literature. Upon completion of this course, students are encouraged to take the AP Spanish Literature test or a Spanish placement test for their college of choice, if they are seniors. If a junior, continue with Spanish by taking the AP Spanish Language & Culture course the following year.

COURSE NOTE: May require additional fees.
CREDIT: 0.5 TYPE: Advanced Placement/Laude GRADE: 10-12

PREREQUISITE: Successful completion of Spanish III Honors with a B or better or teacher recommendation.

COREQUISITES: If you take this course, you must also take 156A - AP SPANISH LITERATURE & CULTURE A
FRENCH I A  161A

French I is for students with little or no previous French instruction. Students will learn to understand, speak, read, and write about various aspects of their lives, such as family, school, pastimes, food, clothing, etc. Class activities include roleplay, skits, songs, games, and working in pairs and groups. A workbook and flash drive are required.

COURSE NOTE: May require additional fees.

CREDIT: 0.5  TYPE: Regular  GRADE: 9-12

COREQUISITES: If you take this course, you must also take 161B - FRENCH I B

FRENCH I B  161B

French I is for students with little or no previous French instruction. Students will learn to understand, speak, read, and write about various aspects of their lives, such as family, school, pastimes, food, clothing, etc. Class activities include roleplay, skits, songs, games, and working in pairs and groups. A workbook and flash drive are required.

COURSE NOTE: May require additional fees.

CREDIT: 0.5  TYPE: Regular  GRADE: 9-12

COREQUISITES: If you take this course, you must also take 161A - FRENCH I A

FRENCH II A  162A

French II continues to offer students the opportunity to expand their communication skills of listening, speaking, reading, and writing through a variety of methods. Topics include leisure activities, health, asking and following directions, house, future plans, past experiences, etc. Special emphasis is on learning to differentiate between past, present, and future events. A workbook and flash drive are required.

COURSE NOTE: May require additional fees.

CREDIT: 0.5  TYPE: Regular  GRADE: 9-12

PREREQUISITE: 161B - French I B

COREQUISITES: If you take this course, you must also take 162B - FRENCH II B
FRENCH II B 162B

French II continues to offer students the opportunity to expand their communication skills of listening, speaking, reading, and writing through a variety of methods. Topics include leisure activities, health, asking and following directions, house, future plans, past experiences, etc. Special emphasis is on learning to differentiate between past, present, and future events. A workbook and flash drive are required.

COURSE NOTE: May require additional fees.

CREDIT: 0.5 TYPE: Regular GRADE: 9-12

PREREQUISITE: French I

COREQUISITES: If you take this course, you must also take 162A - FRENCH II A

FRENCH III HONORS A 167A

French III students will fine tune their language skills while studying French history, literature, culture, geography, etc. Students will read short stories, study an opera, research, and present information on a French-speaking area of the world or focus on French in a business context. A workbook, flash drive, and dictionary are required.

CREDIT: 0.5 TYPE: Honors/Laude GRADE: 10-12

PREREQUISITE: 162B - French II B

COREQUISITES: If you take this course, you must also take 167B - FRENCH III HONORS B

FRENCH III HONORS B 167B

French III students will fine tune their language skills while studying French history, literature, culture, geography, etc. Students will read short stories, study an opera, research, and present information on a French-speaking area of the world or focus on French in a business context. A workbook, flash drive, and dictionary are required.

CREDIT: 0.5 TYPE: Honors/Laude GRADE: 10-12

PREREQUISITE: French II

COREQUISITES: If you take this course, you must also take 167A - FRENCH III HONORS A
AP French Language & Culture is conducted entirely in French with a focus on authentic materials created by French-speakers for French-speakers. According to the curriculum of the AP French Language & Culture course, this course is the equivalent of a third-year college conversation and composition course, and its goal is to improve the four main language skills: reading, writing, listening, and speaking. In addition, the students will explore authentic resources such as social media, online magazines, podcasts, videos, newscasts, short stories and other mediums to do the following: understand spoken and written French, speak on a wide variety of topics, write formal and informal compositions in a wide variety of styles with appropriate grammatical structure, expand vocabulary use and proper use of register to differentiate between audiences, continue using French to communicate in meaningful situations throughout life. Upon completion of this course, students are encouraged to take the AP French Language & Culture test and/or college placement test. A workbook and access to a dictionary is required.

COURSE NOTE: May require additional fees.

CREDIT: 0.5  TYPE: Advanced Placement/Laude  GRADE: 10-12

PREREQUISITE: Successful completion of French III Honors with a B or better, teacher recommendation or a Placement Exam.

COREQUISITES: If you take this course, you must also take 160B - AP FRENCH LANGUAGE & CULTURE B

CCIHS French 202

College Credit in High School French 202 is taught concurrent with AP French Language & Culture A & B. Students have the option to sign up to earn up to 14 university credits through the University of Wisconsin - Green Bay upon completion of this course with a grade of B (83%) or better. This is a year long class. Students must have parental approval and pay a fee of $300 through CHS to UWGB. Credits are accepted at all University of Wisconsin system schools and many others, but as with AP credits, students must research the policy at the university they plan to attend. The credits will be on their transcript permanently. There is no financial aid for this program. The syllabus follows that for AP French A & B.

COURSE NOTE: Requires $300 fee

CREDIT: 1 CHS (Up to 14 UWGB)  TYPE: Advanced Placement/Laude  GRADE: 10-12

PREREQUISITE: Successful completion of French III Honors with a B or better, teacher recommendation or a Placement Exam.

COREQUISITES: This is a full year course.
AP French Language & Culture is conducted entirely in French with a focus on authentic materials created by French speakers for French-speakers. According to the curriculum of the AP French Language & Culture course, this course is the equivalent of a third-year college conversation and composition course, and its goal is to improve the four main language skills: reading, writing, listening, and speaking. In addition, the students will explore authentic resources such as social media, online magazines, podcasts, videos, newscasts, short stories and other mediums to do the following: understand spoken and written French, speak on a wide variety of topics, write formal and informal compositions in a wide variety of topics with appropriate grammatical structure, expanded vocabulary use and proper use of register to differentiate between audiences, continue using French to communicate in meaningful situations throughout life. Upon completion of this course, students are encouraged to take the AP French Language & Culture test and/or college placement. A workbook and access to a dictionary is required.

**COURSE NOTE:** May require additional fees.

**CREDIT:** 0.5  
**TYPE:** Advanced Placement/Laude  
**GRADE:** 10-12

**PREREQUISITE:** Successful completion of French III Honors with a B or better, teacher recommendation or a Placement Exam,

**COREQUISITES:** If you take this course, you must also take 160A - AP FRENCH LANGUAGE & CULTURE A

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**GERMAN I A**

German I is for students with no previous German instruction. However, class will be conducted in German to the extent practicable. will learn to exchange information (orally and in writing), to socialize, to express feelings and the culture and customs of Germany and other German speaking countries. A German-English dictionary is recommended; a workbook is required.

**COURSE NOTE:** May require additional fees.

**CREDIT:** 0.5  
**TYPE:** Regular  
**GRADE:** 9-12

**COREQUISITES:** If you take this course, you must also take 171B - GERMAN I B
GERMAN I B          171B

German I is for students with no previous German instruction. However, class will be conducted in German to the extent practicable. Students will learn to exchange information (orally and in writing), to socialize, to express feelings and the culture and customs of Germany and other German speaking countries. A German-English dictionary is recommended; a workbook is required.

COURSE NOTE: May require additional fees.

CREDIT: 0.5       TYPE: Regular       GRADE: 9-12

COREQUISITES: If you take this course, you must also take 171A - GERMAN I A

GERMAN II A          172A

German II is conducted mostly in German. Students will review and expand on their language skills of socializing, exchanging information, expressing feelings and emotions, and persuading. Students will also relate personal information about past or future events. Students will read short stories in German and will do some descriptive writing. Cultural study includes Germany and other German speaking areas of the world. A workbook is required.

CREDIT: 0.5       TYPE: Regular       GRADE: 10-12

PREREQUISITE: German I or consent of instructor.

COREQUISITES: If you take this course, you must also take 172B - GERMAN II B

GERMAN II B          172B

German II is conducted mostly in German. Students will review and expand on their language skills of socializing, exchanging information, expressing feelings and emotions, and persuading. Students will also relate personal information about past or future events. Students will read short stories in German and will do some descriptive writing. Cultural study includes Germany and other German speaking areas of the world. A workbook is required.

CREDIT: 0.5       TYPE: Regular       GRADE: 10-12

PREREQUISITE: German I or consent of instructor.

COREQUISITES: If you take this course, you must also take 172A - GERMAN II A
GERMAN III HONORS A

In German Ill Honors students discuss other people, places and events by describing and narrating in the past, present and future. The class is conducted in German. Students are introduced to German literature through short stories and poems, and cultural insight is continued. Students will do expanded writing to express personal opinions and create their own stories. Successful completion of German II with a "C" or better is required in order to enroll in this class.

CREDIT: 0.5 TYPE: Honors/Lauder GRADE: 11-12

PREREQUISITE: German II or consent of instructor.

COREQUISITES: If you take this course, you must also take 177B - GERMAN III HONORS B

GERMAN III HONORS B

In German Ill Honors students discuss other people, places and events by describing and narrating in the past, present and future. The class is conducted in German. Students are introduced to German literature through short stories and poems, and cultural insight is continued. Students will do expanded writing to express personal opinions and create their own stories. Successful completion of German II with a "C" or better is required in order to enroll in this class.

CREDIT: 0.5 TYPE: Honors/Lauder GRADE: 11-12

PREREQUISITE: German II or consent of instructor

COREQUISITES: If you take this course, you must also take 177A - GERMAN III HONORS A
AP GERMAN LANGUAGE & CULTURE A

AP German Language & Culture is conducted entirely in German with a focus on authentic materials created by German speakers for German-speakers. According to the curriculum of the AP German Language & Culture course, this course is the equivalent of a third-year college conversation and composition course, and the goal is to improve the four main language skills: reading, writing, listening, and speaking. In addition, the student will explore authentic resources such as social media, online magazines, podcasts, videos, news case, short stories and other mediums to do the following: understand spoken and written French, speak on a wide variety of topics, write formal and informal compositions in a wide variety of styles with appropriate grammatical structure, expanded vocabulary use and proper use of register to differentiate between audiences, continue using German to communicate in meaningful situations throughout life. Upon completion of this course, students are encouraged to take the AP German Language & Culture test and/or college placement test.

COURSE NOTE: May require additional fees.

CREDIT: 0.5 TYPE: Advanced Placement/Laude GRADE: 10-12

PREREQUISITE: Successful completion of German III Honors with a B or better or teacher recommendation.

COREQUISITES: If you take this course, you must also take 170B - AP GERMAN LANGUAGE & CULTURE B

AP GERMAN LANGUAGE & CULTURE B

AP German Language & Culture is conducted entirely in German with a focus on authentic materials created by German speakers for German-speakers. According to the curriculum of the AP German Language & Culture course, this course is the equivalent of a third-year college conversation and composition course, and its goal is to improve the four main language skills: reading, writing, listening, and speaking. In addition, the students will explore authentic resources such as social media, online magazines, podcasts, videos, newscasts, short stories and other mediums to do the following: understand spoken and written French, speak on a wide variety of topics, write formal and informal compositions in a wide variety of styles with appropriate grammatical structure, expanded vocabulary use and proper use of register to differentiate between audiences, continue using German to communicate in meaningful situations throughout life. Upon completion of this course, students are encouraged to take the AP German Language & Culture test and/or college placement tests.

COURSE NOTE: May require additional fees.

CREDIT: 0.5 TYPE: Advanced Placement/Laude GRADE: 10-12

PREREQUISITE: Successful completion of German III Honors with a B or better or teacher recommendation.

COREQUISITES: If you take this course, you must also take 170A - AP GERMAN LANGUAGE & CULTURE A
GLOBAL LANGUAGES AND PERSPECTIVES (Blended) 180

Global Languages and Perspectives is a semester long blended course intended to prepare students for living in a global society. Students will meet face-to-face with the instructor approximately three days a week and work independently online the remainder of the week. It will provide a study of the relationship between communication and culture with emphasis on language and customs. During this course Students will examine the factors affecting the processes and quality of interpersonal communication between those of differing cultures and subcultures. This will be accomplished by addressing such issues as cultural differences and similarities, cross-cultural interaction and communication, cultural shock and adjustment, and basic language skills. Global Languages and Perspectives is designed to offer students an overview of the emergence and development of globalization. It will focus on intercultural encounters facilitated by globalization and local responses to global impacts. The course will also examine migration, immigration, socioeconomic and religion-cultural issues prevalent in an emerging global culture and how these global trends impact society. In addition, it will compare and contrast various aspects of culture including material, social, economic, aesthetic, political, religious and linguistic factors. A workbook is required.

CREDIT: 0.5    TYPE: Regular    GRADE: 9-12

AMERICAN SIGN LANGUAGE I 22621

Host School: Gateway Technical College (2 College Credits)

American Sign Language I is an introductory course for the individual who has no previous experience with sign language. The course emphasis is on intensive vocabulary development and basic American Sign Language sentence structure. Students will also study American Deaf Culture and learn the basics of proper etiquette when communicating in a signing/hearing environment. The student will begin to develop both expressive and receptive ASL skills.

*This is a Distance Learning course. CHS and Gateway credit will be awarded upon successful completion of the course. The student's grade for this course will be reflected on his/her transcript but will not factor into his/her high school GPA.

CREDIT: 0.5    TYPE: College/Distance Learning/Laude    GRADE: 9-12
AMERICAN SIGN LANGUAGE II  

Host School: Gateway Technical College (2 College Credits)

American Sign Language II is a continuation in the development from phrases and simple sentences to complex structures. The course will focus on the development of conversational American Sign Language skills. Students will further develop an understanding of the history and culture of the deaf community in the United States.

*This is a Distance Learning course. CHS and Gateway credit will be awarded upon successful completion of the course. The student's grade for this course will be reflected on his/her transcript but will not factor into his/her high school GPA.

CREDIT: 0.5  
TYPE: College/Distance Learning/Laude  
GRADE: 9-12  
PREREQUISITE: 22621 – American Sign Language I

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AMERICAN SIGN LANGUAGE III  

Host School: Gateway Technical College (2 College Credits)

Students in American Sign Language III will continue to build their signing skills. will advance from being able to understand complex sentence structures to being able to express complex thoughts and ideas in ASL. Students will study basic linguistic rules and explanations for ASL. Students will further their understanding of Deaf culture through literature and the arts.

*This is a Distance Learning course. CHS and Gateway credit will be awarded upon successful completion of the course. The student's grade for this course will be reflected on his/her transcript but will not factor into his/her high school GPA.

CREDIT: 0.5  
TYPE: College/Distance Learning/Laude  
GRADE: 9-12  
PREREQUISITE: 22622 – American II

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AMERICAN SIGN LANGUAGE IV  

Host School: Gateway Technical College (2 College Credits)

American Sign Language IV will enhance the students understanding of ASL. Students will continue to develop confidence and expertise in the proper use of ASL in a variety of formats. Students will further develop their linguistic understanding of ASL. Students will continue to learn about Deaf culture in America and around the world.

*This is a Distance Learning course. CHS and Gateway credit will be awarded upon successful completion of the course. The student's grade for this course will be reflected on his/her transcript but will not factor into his/her high school GPA.

CREDIT: 0.5  
TYPE: College/Distance Learning/Laude  
GRADE: 9-12  
PREREQUISITE: 22623 – American Sign Language III
DEAF HISTORY

Host School: Gateway Technical College (2 College Credits)

This course will examine the common past, present debates, and promises for the future of this minority culture. This course is an overview of the cultural, educational, physical, and social implications of deaf people within the context of today's diverse society. Discussions will include identities, language, legislation, organizations, technology and values within the deaf community.

*This is a Distance Learning course. CHS and Gateway credit will be awarded upon successful completion of the course. The student's grade for this course will be reflected on his/her transcript but will not factor into his/her high school GPA.

CREDIT: 0.5 TYPE: College/Distance Learning/Laude GRADE: 9-12

LANGUAGE IMMERSION SEMINAR

Language Immersion Seminar is a semester-long course where students concentrate on conversational and survival functions in a second and/or third language as preparation for foreign travel with a home-stay component. Prior to departure, students participate in extensive immersion communication with vocabulary expansion. This is based upon role play within the following settings: family life, gatherings, visits to museums, monuments, etc. Special attention is given to formal and faux pas to properly prepare Students for situations they will likely encounter. While abroad, Students are responsible to keep a journal of new vocabulary and reflecting on cultural differences/similarities in alignment with the College Board World Language AP programs. Travel is required for this course and students are responsible for all costs associated with travel. Scholarships/grants and fundraising opportunities are available to help offset travel costs.

COURSE NOTE: Travel costs are the responsibility of the student

CREDIT: 0.5 TYPE: Regular GRADE: 10-12