



**OLYMPIA HIGH SCHOOL COURSE TO  
CAREER GUIDE  
2021-2022**



WE ARE STARTING  
@2021



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## **INTRODUCTION**

*The Olympia community empowers learners to recognize and achieve personal growth for success.*

This course to career guide is designed to help students plan their program of study encompassing a variety of courses offered through Olympia High School. Students should utilize resources such as their parents, counselors, and teachers to help guide their program. Planning a four year program is essential to a student's post high school career. The goal of this guide is to expose students to potential career pathways and use that knowledge to guide their course selection. All courses available for student selection are available in this guide in addition to course length, pre-requisite information, credit earned, and course code. Course offerings are subject to enrollment. External coursework such as BACC, CEO, internships, etc. must be approved by the school administration and counselor prior to enrollment. Deadlines for external course enrollment must be observed.

## **STUDENT SERVICES**

Olympia High School has a variety of student supports including administrators, counselors, school psychologist, social-worker, speech and language therapists, school nurse, and special education teachers. In addition to this team, outside agency counselors are an available resource within the context of the school day. All of these individuals work together to ensure the success of students at Olympia High School. Each student is assigned a counselor that is there to support the students with academic, social/emotional, and career needs. Parents are encouraged to connect with their child's school counselor to work together towards their path throughout high school. A college and career counselor is available for students and coordinates activities to help expose students to age appropriate college and career tasks, in addition to specific college and financial aid information.

## **COUNSELING OFFICE STAFF**

Karen Blessing - Registrar - [karen.blessing@olympia.org](mailto:karen.blessing@olympia.org)

Alex Castillo - School Counselor (L-Z) - [alex.castillo@olympia.org](mailto:alex.castillo@olympia.org)

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**COUNSELING OFFICE INFORMATION WEBSITE** - <https://sites.google.com/olympia.org/counseling/home>

## **COURSE SELECTION & REGISTRATION**

Beginning in November, administrators, counselors and teachers are preparing students for the selection of courses for the following year. Students, with the help of their parents, are required to select eight courses for the full academic year. Subject level placement is based upon recommendations of middle school staff, high school staff, previous performance, interventions and standardized testing. Students need to be aware of the course selection deadlines made available through the selection process. Course change requests must be completed by the second day of school and be approved through the course change policy located in the Olympia High School Handbook.

## GRADING AND REPORTING

Olympia High School is organized on a two-semester basis with students taking four classes each semester. Students will earn a full credit for each course successfully completed in a semester for a total of eight possible credits per year. The parent(s) or guardian(s) will receive progress reports via Skyward once a semester or as needed. These reports will indicate the current cumulative grade for the student. The final course grade will be assigned at the end of the 18th week.

Olympia utilizes a skills based reporting system. Student summative assessment scores will be reflected using the number system of 4, 3, 2, 1, and X. Students may choose to reassess summative assessments as long as reassessment follows the parameters set by OHS. Reassessment is offered to all students on all summative assessments. It is best practice for a student to complete summative reassessment as soon as possible.

- ❖ If a student receives a score at the learning level of 1, the student is EXPECTED to reassess.
- ❖ Each teacher will work with a student individually to determine a timeline and a time and place for reassessment. Each teacher will set his/her guidelines for reassessment at the beginning of a course.
- ❖ Students who have not completed the formative work in preparation for the summative may be required to go back and complete that work.
- ❖ An extension of reassessment time frame may be provided for extenuating circumstances or demonstration of sustained efforts.
- ❖ Teachers will determine which portions of the summative to reassess; the nature of some summative assessments will require complete reassessment.
- ❖ Reassessment opportunities may occur during Academic Advisory, Success Club, or within the instructional block.
- ❖ After the reassessment, the highest grade will be reported.
- ❖ Parent communication regarding student progress in a particular subject will be reflected in terms of a grade. Student grades are determined by evidence of learning from the summative assessments.

### Levels of Learning Descriptors

4	Advanced Skill Demonstration - the student demonstrates a complete and in-depth mastery of the content and is able to apply the knowledge and skills to additional areas of learning. Exemplary/model work.
3	Skill Attainment - The student demonstrates an understanding of content knowledge and skills.
2	Approaching Skill Attainment - The student is beginning to demonstrate a basic understanding of the required skills and concepts. Additional practice is needed to reach skill attainment.
1	Beginning Skill Attainment - The student does not demonstrate progress towards meeting the expectations of required content knowledge and skills.
X	Lack of Evidence - missing or incomplete - The student will not be able to receive credit for a course if there is a lack of evidence.

### **Semester Summative Assessment**

All courses will have a concluding assessment (test, paper, presentation, performance, or project) that assesses cumulative skills in the course. This assessment will come on the last days of the course and ALL students are required to complete it to receive credit for the course. The assessment should be a reflection of student learning and should assess skills covered in a course. The summative assessment should be department aligned and approved and should be rigorous in its evaluation.

The assessment can help a student's overall course grade. However, the student is expected to perform to the same level he/she has performed on throughout the semester. Therefore, students not meeting the same level of work on the final may have their grade impacted by the final. If the student is ill on the final assessment day, he or she may be required to have a doctor's note. A student not completing the final assessment activity will receive a mark of X and will fail the course for the semester.

### **GRADE POINT AVERAGE/CLASS RANK**

A student's grade point average is computed by including the grades from all courses that a student has taken while in high school. Grading and grade point averages will be reflected on the student's transcript in the following manner

Grading Symbol	Regular GPA Points	Weighted Course GPA Points
A	4	5
B	3	4
C	2	3
D	1	2
F	0	0

No class rank will be reported on transcripts or for purposes of scholarships and college applications\*, students will denote that the school does not rank and only a grade point average will be provided.

\*If any organization requires a class rank for acceptance into an institution or scholarship, the registrar or counselor will provide it directly to the organization.

### **PASS/FAIL OPTION**

A student may only take two classes on a pass/fail basis during their high school career. A student cannot take a required course for pass/fail. A grade must be a "C" or higher for a student to receive a passing indicator on their transcript. Coursework taken with a pass/fail designation will not be counted towards a student's GPA. A pass/fail option must be declared by an administrator before the fifth day of the semester, and the decision is final.

## CLASSIFICATION OF STUDENTS

The number of credits earned shall determine classification of students. An entering student will be classified as a freshman.

GRADE CLASSIFICATION	SEMESTERS COMPLETED	CREDITS EARNED
FRESHMAN	LESS THAN 2	LESS THAN 6
SOPHOMORE	2	MIN. OF 6
JUNIOR	4	MIN. OF 13
SENIOR	6	MIN. OF 20

Students who transfer to Olympia High School will be classified by the number of credits accepted by the school from which the student is transferring. Acceptance of credits from non-accredited educational institutions must be evaluated by the administration prior to granting credit.

## GENERAL SCHEDULING REGULATIONS

### Credit for Alternative Courses and Programs

Alternative coursework includes correspondence coursework, online courses through external institutions, and summer school courses. A student enrolled in a correspondence course may receive high school credit for work completed, provided:

- The course is offered through an accredited program approved by the Olympia Board of Education
- The student assumes responsibility for all fees unless otherwise noted
- The course is approved in advance by the high school principal.

A maximum of three units of credit may be counted toward the requirement for a student's high school graduation unless the student has been approved by the administration to take additional coursework.

### Exchange Programs

The Board of Education may grant a certificate of attendance to exchange students. District students will receive academic credit for foreign exchange courses that meet the criteria established in the curriculum and that are approved by the building principal. International study course work not meeting district requirements may be placed in the student's permanent record and recorded as an international study experience.

## Dual Enrollment Coursework

A student who successfully completes a college course may receive high school credit, provided:

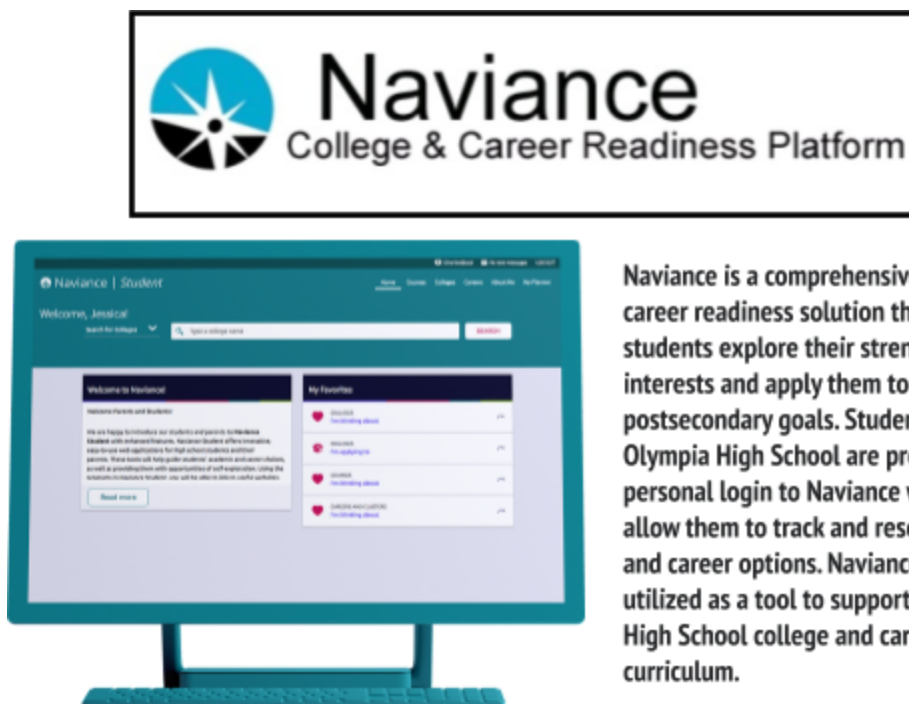
- The student is a junior or senior.
- The course is not offered in the high school curriculum or the course at Olympia High School will not fit into a graduating seniors' schedule
- The coursework is approved in advance by the high school counselor and the high school principal through a dual enrollment application
- The student assumes responsibility for all fees
- The student submits final transcripts at the end of the semester that they are enrolled in the course
- All dual enrollment coursework grades are calculated in the student's final grade point average.

The maximum number of credits counted toward the requirements for a student's high school graduation will be subject to review through the counseling department and high school principal.

## Foreign Language Courses

A student may receive high school credit by studying foreign language in an approved ethnic school program, provided such program meets the minimum standards established by the State Board of Education. The amount of credit will be based on foreign language proficiency achieved. The building principal may require a student seeking foreign language credit to successfully complete a foreign language proficiency examination.

## Tool for College and Career Planning



Naviance is a comprehensive college and career readiness solution that helps students explore their strengths and interests and apply them to postsecondary goals. Students at Olympia High School are provided a personal login to Naviance which will allow them to track and research college and career options. Naviance will be utilized as a tool to support the Olympia High School college and career readiness curriculum.

## **Physical Education Waiver Policy**

All students at Olympia High School must be enrolled in PE for every year enrolled in high school (up to 4 years) with the exception of PE waivers as designated by Illinois School Code. All students must enroll in Health and Wellness and do not have the option of waiving PE during that semester.

### PHYSICAL EDUCATION WAIVER PROVISIONS

PROVISION #1 – The waiver applies to an interscholastic sport sanctioned by the Illinois High School Association and approved by the Board of Education in which athletic teams participate in a minimum of six (6) athletic contests. These provisions also apply to activities such as cheerleading, dance etc.

PROVISION #2 – During one semester of a student's Junior and Senior year, a waiver from physical education may be requested if the student athlete needs to take another course required for graduation. If a student athlete takes an extra academic course in place of physical education, the student may be excused from physical education credit, even if the interscholastic sport covers less than that time period.

PROVISIONS #3 - A student may waive PE in order to be able to take a course or courses which are specifically required for admission to college.

PROVISION #4- A student who lacks sufficient course credit of one or more courses required by state statute or local school board policies for graduation may request a waiver from physical education to take courses in the student's schedule will fulfill graduation requirements in the areas for which the student is deficient. Students who have failed required courses, transferred into the district with deficient credits, or who lack credits due to other causes will be eligible to apply for the above exemption.

PROVISION #5 –Sophomore through senior students in the marching band can request a PE waiver. Students must enroll in the full year of band to be eligible for a waiver.

PROVISION #6 - If a student is enrolled at BACC, and he or she needs to take specific courses to meet local graduation requirements, a waiver can be issued. The student must have previously passed on all Physical Education requirements.

Students apply for a PE Waiver through the Counseling Office by submitting a PE Waiver Application. Each request for exemption will be verified and eligibility will be determined on a case-by-case basis. If a student on waiver is cut or quits an athletic team, or is dismissed by the coach for violating the school's athletic policy or team rules, that student may lose his/her physical education waiver and may be placed into a physical education class the next semester if the credit is necessary for graduation. In addition, if a student meets the PE waiver requirements and is granted a waiver, but then chooses not to participate in the sport, the student must report his/her decision NOT TO PARTICIPATE in the sport to the Counseling Office. If the student remains out of a PE class it could jeopardize the necessary credits needed for graduation. LEGAL REF: 105 ILCS 512-3.44, 512-3.108, 512-3.115, 5110-22.43x, 5127-6, 5127-22.3, and 5127-22.05.23 Ill.Admin.Code §§ 1.420(p), 1.440(j), and 4.450(c).



## **Early Graduation**

Students are encouraged to attend high school for eight semesters in order for them to access the educational opportunities available to them. Attending high school all four years allows students to grow mentally, socially, physically and emotionally prior to entering the world of work or beginning post-secondary educational opportunities.

Only a small minority of high school students are able to graduate early, reaching their peak in the above stated categories. The option to apply for early graduation must be given careful consideration by students and parents. Therefore, as a general policy, a student will not be granted early graduation except under the following circumstances:

1. A student may apply for early graduation if he/she has completed, or is in the process of completing all graduation requirements as stated in Board Policy 725.04.
2. Students will only be eligible for early graduation upon successful completion of their seventh semester at Olympia High School.
3. Applications for early graduation must be submitted to the counseling office. Applications are due to the Counseling Office by June 1st of the junior year. The academic record of each applicant will be reviewed as part of the approval process. Students must have a recommended GPA of 3.0 to apply to graduate early.
4. The student's purpose for requesting early graduation must be clearly stated. Students planning to enter the armed services must submit a letter from the recruiter indicating time of enlistment. Students planning to enter college for the spring semester must show evidence of application and/or admission for the spring semester following graduation in January. Each request for early graduation will be reviewed and acted upon in conjunction with the reasons provided by the applicant.
5. Students may not apply correspondence credits toward meeting graduation requirements when applying for early graduation.
6. Required coursework and/or credits in the student's schedule during the seventh semester must be completed in order for early graduation to occur. Early graduates will be required to take semester summative assessments/semester exams.
7. Students who graduated at the end of their seventh semester are not eligible to participate in winter or spring extracurricular activities. Early graduates may attend functions as a guest, when accompanied by a student currently enrolled at Olympia High School and may participate in the graduation ceremony.

## REQUIREMENTS FOR GRADUATION

Academic Areas	District Requirements	4-year College, University, Community College, Transfer Programs	Highly Selective Colleges and Universities
ENGLISH	4	4	4
MATH	4	4( Recommended through CAT 2)	4 (Recommended through Calculus)
SCIENCE	3	3	4
SOCIAL STUDIES	3	3	3-4
REQUIRED ELECTIVES	2	2 (Recommended 2-4 years of same Foreign Language)	3-4 (Recommended 2-4 years of same Foreign Language)
CONSUMER EDUCATION	1	1	1
HEALTH & WELLNESS	1	1	1
PHYSICAL EDUCATION	2	2	2
OHS REQUIRED CREDITS	22	22	22
ADDITIONAL CREDITS	6	10	10
TOTAL CREDITS AT GRADUATION	28	32	32

Students must complete the SAT State Assessment in order to graduate high school. All students are expected to score at career and college level readiness benchmark on the SAT. Students who do not meet the minimum requirements may fall into some type of remediation program. The remediation will take place during the senior year as prescribed by the high school principal.

Starting with the Class of 2021, the state of Illinois is requiring seniors to complete the Free Application for Federal Student Aid (FAFSA) or another alternative form as part of their graduation requirement. The FAFSA becomes available on October 1 of the student's senior year at [www.fafsa.gov](http://www.fafsa.gov).

## **Service Learning Requirement**

Students are required to complete 10 service-learning hours. At the end of each academic year, it is the responsibility of the student to log and submit his/her hours through the x2VOL volunteering platform accessible in Naviance. Below are potential services/learning options for students looking for ideas to fulfill their service learning requirement for graduation. The list is not all-inclusive. Students with plans not listed should seek approval from the counselor or principal. Activities should be completed for an individual outside the immediate family and must be done without pay in order to meet service learning guidelines.

- School – work at school functions, tutoring, etc.
- Church – choir, volunteer for Sunday school, help at dinners, mission trips, etc.
- Neighbors – rake yards, mow lawns, shovel snow, baby-sit, pick up groceries, water & feed pets, wash windows
- Visit and Volunteer at the Nursing Home/Volunteer at community events.
- Students completing service hours for another school group may also use those hours toward their service learning graduation requirements.

## **STUDENT RECOGNITION**

### **Cum Laude Recognition**

Students can earn the following recognitions at graduation using their final cumulative GPA over 8 semesters.

Summa - 4.0 and above

Magna Cum Laude - 3.85 - 3.99

Cum Laude - 3.75 - 3.84

### **Honor Roll**

Students attaining a grade point average of 3.20 to 3.74 will be on the "honor" roll. A grade point average of 3.75 and above enables a student to be on the "high honors" roll. Honor roll is determined from the last completed semester.

<b>Grade</b>	<b>GPA Points</b>	<b>Grade Point Range</b>
<b>A</b>	<b>4 points</b>	<b>3.51 - 4.0</b>
<b>B</b>	<b>3 points</b>	<b>2.51 - 3.5</b>
<b>C</b>	<b>2 points</b>	<b>1.51 - 2.5</b>
<b>D</b>	<b>1 point</b>	<b>.51 - 1.5</b>
<b>F</b>	<b>0 points</b>	<b>0 - .5</b>

## **SEAL OF BILITERACY/COMMENDATION**

Students applying for the Illinois State Seal of Biliteracy or Commendation must demonstrate proficiency in English and an additional language. Demonstrated proficiency in English is determined by a student's SAT score in Evidence-Based Reading and Writing (a score of 540 or higher). Demonstrated proficiency in an additional language is demonstrated by a 3 or higher on the AP Language and Culture exam for the second language. An AP Language and Culture exam score of 3 will qualify students for Commendation, whereas a score of 4 or 5 will qualify a student for the Seal of Biliteracy.

## COLLEGE LEVEL COURSEWORK OFFERINGS

DEPARTMENT	DUAL CREDIT	ADVANCED PLACEMENT
AGRICULTURE	<a href="#">ARGI 110: INTRODUCTORY AGRICULTURAL ECONOMICS</a> <a href="#">ARGI 120: INTRODUCTORY HORTICULTURE</a>	
BUSINESS	<a href="#">SCED 100: COLLEGE SUCCESS</a> <a href="#">SCED 101: CAREER SUCCESS</a> <a href="#">SCED 102: PERSONAL SUCCESS</a> <a href="#">SCED 110: WORKPLACE SUCCESS</a>	<a href="#">AP COMPUTER SCIENCE PRINCIPLES</a>
ENGLISH	<a href="#">ENGL 101: CRITICAL READING &amp; WRITING</a> <a href="#">ENGL 102: MULTIMODAL COMPOSITION</a> <a href="#">COMM 101: INTRODUCTION TO ORAL COMMUNICATION</a> <a href="#">HUM 101: INTRODUCTION TO THE HUMANITIES</a>	<a href="#">AP LANGUAGE &amp; COMPOSITION</a>
FAMILY AND CONSUMER SCIENCE	<a href="#">EDUC 101: INTRODUCTION TO EDUCATION</a>	
FOREIGN LANGUAGE		<a href="#">AP GERMAN</a> <a href="#">AP SPANISH</a>
MATH		<a href="#">AP CALCULUS PROBABILITY AND STATISTICS</a> (OPTIONAL AP EXAM)
SCIENCE		<a href="#">AP BIOLOGY</a> <a href="#">AP CHEMISTRY</a> <a href="#">AP ENVIRONMENTAL SCIENCE</a>
SOCIAL STUDIES	<a href="#">PSY 101: INTRODUCTION TO PSYCHOLOGY</a> <a href="#">HIST 136: HISTORY OF THE US SINCE 1865</a>	<a href="#">AP HUMAN GEOGRAPHY</a> <a href="#">AP US HISTORY</a>



## **NCAA ELIGIBILITY GUIDELINES**

Students interested in participating in college level athletics are highly encouraged to verify the guidelines set forth by college level athletic organizations such as NJCAA, NAIA, and NCAA. High school course requirements are not aligned exactly with college academic requirements and it is the responsibility of the student and their parents/guardians to verify a student's high school courses meet the correct requirements to participate in collegiate athletics. Students are encouraged to notify their school counselor if they are interested in participating in college athletics for assistance with this process. For more information regarding eligibility guidelines, please visit the following sites: <https://www.playnaia.org/>  
<http://www.ncaa.org/student-athletes/future>

# OLYMPIA CAREER PATHWAYS

Olympia High School follows the nationally recognized career exploration model to assist students in the decision making process towards post-secondary planning. The following terms will be utilized throughout this course-to-career guide:

**Career Cluster:** groups of occupations and industries that have a set of foundational knowledge and skills in common. There are 16 nationally recognized clusters within which are multiple career pathways.

**Career Pathway:** multi-year programs of academic and technical study that prepare high school students for a full range of postsecondary options within each of the 16 clusters. These pathways provide a context for exploring career options at all levels of education and a framework for linking learning to the knowledge and skills needed for future education and employment.

The Olympia High School career pathway opportunities will be available for students to select from each year during the course selection process.. Each pathway will provide a guide for students to make course selections beyond the core curriculum outlined below.

## CORE CURRICULUM

### TRADITIONAL CORE COURSE TRACK

	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES
YEAR 1	ENGLISH 1	ALGEBRA 1 AND ALGEBRA 2	BIOLOGY	
YEAR 2	ENGLISH 2	GEOMETRY	CHEMISTRY	WORLD HISTORY
YEAR 3	ENGLISH 3	CAT 1/CAT 2	PHYSICS	AMERICAN STUDIES
YEAR 4	ENGLISH ELECTIVE	PRE CALCULUS OR STATISTICS	ELECTIVE	CIVICS

### ADVANCED CORE COURSE TRACK

	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES
YEAR 1	ENGLISH 2 (ENG 1 IN 8TH GRADE)	HONORS GEOMETRY (ALGEBRA 1 IN 8TH GRADE)	BIOLOGY	
YEAR 2	ENGLISH 2	CAT 1/CAT 2	CHEMISTRY	AP HUMAN GEOGRAPHY
YEAR 3	ENGLISH 3	PRE-CALC/AP CALCULUS	PHYSICS	HIST 136(OR AP HISTORY)
YEAR 4	ENGLISH ELECTIVE	PROBABILITY & STATISTICS	ELECTIVE	CIVICS

NOTE: These course tracks are a guide for students as a sample of how the core course requirements fit into the four year plan. We encourage all students to complete a four year plan individualized to their needs.

# AGRICULTURE, FOOD, AND NATURAL RESOURCES

*The production, processing, marketing, distribution, financing, and development of agricultural commodities and resources including food, fuel, fiber, wood products, natural resources, horticulture, and other plant and animal.*

**Related Careers\*:** Agriculture Technician, Animal Breeder, Animal Scientist, Biochemist, Farm Buyer and Purchaser Agent, Conservation Science, Environmental Scientist, Farm Technician, Fish and Game Warden, Food Scientist, Forester, Landscaping Manager, Greenhouse Management, Occupational Health and Safety Specialist, Pesticide Worker, Park Management, Refrigeration Technician, Service Unit Operator, Soil and Plant Science, Water Treatment Plant Operator, Zoologist and Wildlife Biologist

**Related College Majors\*:** Agribusiness, Agriculture, Agronomy, Animal Sciences, Crop Production, Environmental Sciences, Fishery, Food Science, Forestry, Landscaping, Plant Sciences, Water and Wastewater Management, Wildlife Sciences

*\*Find more related careers and college majors through your Naviance Account*

## Pathway: Natural Resource Systems

### Pathway Courses

Year 1-2	Intro to Agriculture Basic Agriculture Science
Year 3-4	Biological Science Applications in Ag (BSAA)/AP Environmental Science Chemistry STEM Research & Design

### Related Electives

Advanced Biology  
AP Biology  
Human Geography/AP Human Geography  
Internship  
Probability & Statistics

### Recommended Early College Credit Options

ENGL 101: Critical Reading & Writing - Heartland Community College - 3 Credits  
ENGL 102: Multimodal Composition - Heartland Community College - 3 Credits  
3 or better in AP Coursework

### Career Related Activities

Athletics  
FFA  
STEM Club  
WYSE

## Pathway: Food Products & Processing Systems

### Pathway Courses

Year 1-2	Intro to Agriculture Basic Agriculture Science
Year 3-4	Agriculture Business Management/ARGI 110: Intro Agriculture Economics Horticulture/ARGI 120: Horticulture Production and Management

### Related Electives

Chemistry/AP Chemistry  
Environmental Science/AP Environmental Science  
Human Geography/AP Human Geography  
Internship  
Probability & Statistics

### Recommended Early College Credit Options

AGRI 110: Intro Agriculture Economics- Heartland Community College - 3 Credits  
AGRI 120: Introduction to Horticulture- Heartland Community College - 3 Credits  
3 or higher on AP Exam

### Career Related Activities

Athletics  
FFA  
STEM Club



## Pathway: Agriculture Mechanics & Technology

### Pathway Courses

Year 1-2	Intro to Agriculture Basic Agriculture Science
Year 3-4	Agriculture Mechanization & Technology Agriculture Business Management/AGRI 110: Introduction to Agricultural Economics

### Related Electives

Intro to STEM Applications  
Environmental Science/AP Environmental Science  
Internship  
PLTW: Engineering Essentials  
Probability & Statistics

### Recommended Early College Credit Options

AGRI 110: Introduction to Agricultural Economics- Heartland Community College - 3 Credits

### Career Related Activities

Athletics  
FFA  
STEM Club

## Pathway: Agricultural Business

### Pathway Courses

Year 1-2	Intro to Agriculture Basic Agriculture Science
Year 3-4	Agriculture Business Management/ARGI 110: Intro Agriculture Economics Horticulture/ARGI 120: Introduction to Horticulture

### Related Electives

Accounting 1  
CEO  
Human Geography/AP Human Geography  
Internship  
Probability and Statistics

### Recommended Early College Credit Options

AGRI 110: Introduction to Agricultural Economics- Heartland Community College - 3 Credits  
ARGI 120: Introduction to Horticulture- Heartland Community College - 3 Credits

### Career Related Activities

Athletics  
FFA  
Bank Board

# ARCHITECTURE AND CONSTRUCTION

*Designing, planning, managing, building and maintaining the built environment.*

**Related Careers\*:** Architectural Technology/Technician, Architecture (BArch, BA/BS, MArch, MA/MS, PhD). Building/Construction Finishing, Management, & Inspection, Building/Property Maintenance and Management, Carpentry/Carpenter, Civil Drafting and Civil Engineering CAD/CADD, Civil Engineering Technology/Technician, Construction/Heavy Equipment/Earthmoving Equipment Operation, Drafting and Design Technology/Technician, Drywall Installation/Drywall, Electrical & Power Transmission Installation/Installer, Electrician, Heating, Air Conditioning & Refrigeration Technology/Technician, Interior Architecture, Ironworking/Ironworker, Landscape Architecture (BS, BSLA, BLA, MSLA, MLA, PhD), Lineworker, Mason/Masonry, Pipefitting/Pipefitter and Sprinkler Fitter, Plumbing Technology/Plumber, Roofer, Security System Installation, Repair, & Inspection Technology/Technician, Solar Energy Technology/Technician

**Related College Majors\*:** Architecture, Carpentry, Civil Engineering, Construction Trades, Electrician, Energy Management, Environmental Design, Metal Building and Assembly, Plumbing, Security System Installation

*\*Find more related careers and college majors through your Naviance Account*

## Pathway: Construction

### Pathway Courses

Year 1-2	Intro to STEM Applications PLTW: Engineering Essentials
Year 3-4	BACC: Construction Trades I BACC: Construction Trades II

### Related Electives

Computer Tech/Design Engineering Design Internship AP Computer Science Principles
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### Recommended Early College Credit Options

CNST 101: Construction Materials and Methods - Heartland Community College - 3 Credits
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### Career Related Activities

Art Club Athletics Math Team Skills USA STEM Club
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## Pathway: Laborer's Union Apprenticeship

### Pathway Courses

Year 1-2	Intro to STEM Applications PLTW: Engineering Essentials
Year 3-4	BACC: Laborer's Training BACC: Laborer's Training

### Related Electives

Engineering Design Internship
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### Career Related Activities

Athletics Skills USA STEM Club
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## Pathway: Architecture

### Pathway Courses

Year 1-2	Intro to STEM Applications PLTW: Engineering Essentials
Year 3-4	Pre-Calculus Engineering Design

### Related Electives

Art 1 2D Art AP Calculus Human Geography/AP Human Geography Internship
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### Recommended Early College Credit Options

TECH 124 -Heartland Community College - 3 Credits
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### Career Related Activities

Athletics Math Team STEM Club
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# ARTS, AUDIO/VIDEO TECHNOLOGY & COMMUNICATIONS

*Designing, producing, exhibiting, performing, writing and publishing multimedia content including visual and performing arts and design, journalism and entertainment services.*

**Related Careers\*:** Archivists, Art Directors, Art/Drama/Music Teachers, Audio/Video Equipment Technicians, Broadcast News Analysts, Choreographers, Computer Programmers, Curators, Editors, Fashion Designers, Graphic Designers, Journalism, Locomotive Engineers, Historians, Music Directors, Photographers, Prepress Technicians, Public Relations Specialists, Radio Operators, Set and Exhibit Designers, Talent Directors, Technical Directors/Managers, Telecommunications Equipment Installers, Writers/Authors

**Related College Majors\*:** Broadcast Journalism, Cinematography and Film Production, Commercial Photography, Computer Graphics, Craft Design, Fashion Design, Film Studies, Fine Arts, Industrial Design, Interior Design, Journalism, Mass Communication/Media Studies, Music History, Music Performance, Music Education, Painting, Photography, Photojournalism, Printmaking, Radio/Television Broadcasting, Technical Theatre, Theatre Literature, Visual and Performing Arts, Voice and Opera

*\*Find more related careers and college majors through your Naviance Account*

## Pathway: Visual Arts

### Pathway Courses

Year 1-2	Art 1 2D Art
Year 3-4	Sculpture and Ceramics Photography

### Related Electives

Computer Tech/Design  
Journalism  
Internship  
Modern Media

### Recommended Early College Credit Options

HUM 101: Introduction to the Humanities - Heartland Community College - 3 Credits

### Career Related Activities

Art Club  
Athletics  
Drama Tech  
Internship  
Yearbook



## Pathway: Graphic Media

### Pathway Courses

Year 1-2	Art 1 2D Art
Year 3-4	BACC: Graphic Design & Video Production I BACC: Graphic Design & Video Production II

### Related Electives

Computer Technology/Design Digital Media Production Internship Journalism Modern Media Photography Sculpture/Ceramics
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### Recommended Early College Credit Options

DMED 101: Intro to Digital Media- Heartland Community College - 3 Credits DMED 120: Computer Imaging and Design- Heartland Community College - 3 Credits Adobe Certifications
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### Career Related Activities

Area Art Shows Art Club Athletics Skills USA Yearbook
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## Pathway: Communications

### Pathway Courses

Year 1-2	Communication Technology/Design
Year 3-4	Digital Media Production Modern Media Journalism

### Related Electives

AP Language and Composition  
ENGL 101/ENGL 102  
Internship  
Voices of the World  
Sociology

### Recommended Early College Credit Options

ENGL 101/ENGL 102- Heartland Community College - 3 Credits Each  
COMM 101: Intro to Communications- Heartland Community College - 3 Credits

### Career Related Activities

Athletics  
Drama  
Speech  
Yearbook

## Pathway: Performing Arts

### Pathway Courses

Year 1-2	Band Chorus
Year 3-4	Band Chorus EDU 110: Intro to Education

### Related Electives

Art 1  
Internship  
PSY 101: Intro to Psychology  
COMM 101: Intro to Communications

### Recommended Early College Credit Options

EDU 110: Intro to Education- Heartland Community College - 3 Credits  
COMM 101: Intro to Communications- Heartland Community College - 3 Credits

### Career Related Activities

Drama  
Speech  
Theatre

# BUSINESS MANAGEMENT & ADMINISTRATION

*Designing, planning, managing, building and maintaining the built environment.*

**Related Careers\*:** Accountants, Administrative Services Managers, Advertising Sales Agents, Auditors, Bookkeeping Clerks, Chief Executives, Communications Teachers, Computer Information System Managers, Computer Programmers, Construction Managers, Court Clerks, Credit Analysts, Economists, Financial Analysts, Human Resources Specialists, Insurance Claims Clerks, Management Analysts, Postal Service Clerks, Statisticians, Survey Researchers, Tax Preparers, Treasurers

**Related College Majors\*:** Accounting, Business Administration, Customer Service Management, Entrepreneurial Studies, Human Resources Management, Labor Studies, Management Science, Operations Management and Supervision, Small Business Administration

*\*Find more related careers and college majors through your Naviance Account*

## Pathway: Business Administration

### Pathway Courses

Year 1-2	Career Skills
Year 3-4	Economics Accounting 1 Probability and Statistics CEO

### Related Electives

2-4 Years of Foreign Language Pre-Calculus AP Calculus Contemporary History Internship Sports/Entertainment Marketing
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### Recommended Early College Credit Options

PSY 101: Intro to Psychology - Heartland Community College - 3 Credits COMM 101: Intro to Communications - Heartland Community College - 3 Credits
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### Career Related Activities

Athletics Bank Board NHS Scholastic Bowl Math Team Student Council National Honor Society
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# EDUCATION AND TRAINING

*Planning, managing and providing education and training services and related learning support services.*

**Related Careers\*:** Agriculture Science Teachers, Career and Technical Education Teachers, Dietitian and Nutritionists, Education Administration, Elementary School Teachers, School Counselors, English Teachers, Engineering Teachers, Geography Teachers, Historians, Judges, Kindergarten Teachers, Librarians, Middle School Teachers, Postsecondary Teachers, Preschool Teachers, Recreation Workers, Secondary School Teachers, Special Education Teachers, Teacher Assistants

**Related College Majors\*:** Administration of Special Education, Adult and Continuing Education, Any Subject Teacher Education, Early Childhood Education, Education (general), Elementary Education, Housing and Human Environments, Library Assistant, Library Science, Special Education, Urban Education and Leadership

*\*Find more related careers and college majors through your Naviance Account*

## Pathway: Education

### Pathway Courses

Year 1-2	Career Skills
Year 3-4	EDU 110: Intro to Education PSY 101: Intro to Psychology Teaching Internship

### Related Electives

2-4 Years of Foreign Language AP Course in Curriculum Area ENGL 101/ENGL 102 Internship Probability and Statistics Sociology
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### Recommended Early College Credit Options

PSY 101: Intro to Psychology - Heartland Community College - 3 Credits EDU 110: Intro to Education- Heartland Community College - 3 Credits
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### Career Related Activities

Athletics Freshman Mentor Program National Honor Society Scholastic Bowl Student Council
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# FINANCE

***Planning, services for financial and investment planning, banking, insurance and business financial management.***

**Related Careers\*:** Actuaries, Bill and Account Collectors, Budget Analysts, Business Teachers, Claims Adjusters, Credit Counselors, Financial Analysts, Insurance Agents, Loan Officers, New Account Clerks, Personal Finance Advisors, Sales Agents, Sales Representatives, Tellers, Treasurers

**Related College Majors\*:** Actuary Science, Banking and Financial Support Services, Credit Management, Finance and Financial Management, Insurance, International Finance, Investments and Securities, Public Finance

*\*Find more related careers and college majors through your Naviance Account*

## Pathway: Finance

### Pathway Courses

Year 1-2	Career Skills
Year 3-4	Accounting Economics

### Related Electives

AP Calculus AP Computer Science Principles CEO Internship Probability and Statistics
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### Recommended Early College Credit Options

3 or Higher on AP Exams
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### Career Related Activities

Athletics Bank Board Math Team National Honor Society Student Council
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# GOVERNMENT AND PUBLIC ADMINISTRATION

*Planning and performing government functions at the local, state and federal levels, including governance, national security, foreign service, planning, revenue and taxation and regulations.*

**Related Careers\*:** Accountants, Auditors, Architectural and Engineering Managers, Broadcast News Analysts, Chief Executives, Emergency Management Directors, Financial Examiners, Legislators, Mapping Technicians, Political Science Teachers, Political Scientists, Public Relations Specialists, Reporters, Social and Community Service Managers, Tax Examiners and Collectors, Tax Preparers, Transportation Managers, Urban and Regional Planners

**Related College Majors\*:** American Government and Politics, City and Urban Regional Planning, Non-Profit Management, Political Science, Public Administration, Public Policy Analysis, Taxation

*\*Find more related careers and college majors through your Naviance Account*

## Pathway: Government and Public Management/Administration

### Pathway Courses

Year 1-2	Career Skills
Year 3-4	PSY 101: Intro to Psychology AP US History or HIST 136

### Related Electives

2-4 Years of Foreign Language Accounting CEO Internship Probability and Statistics Sociology Contemporary History
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### Recommended Early College Credit Options

HIST 136: History of the US Since 1865 - Heartland Community College - 3 Credits PSY 101: Intro to Psychology - Heartland Community College - 3 Credits
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### Career Related Activities

Athletics Bank Board History Club Speech Student Council
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# HEALTH SCIENCES

***Planning, managing and providing therapeutic services, diagnostic services, health informatics, support services and biotechnology research and development.***

**Related Careers\*:** Administrative Services Managers, Ambulance Drivers, Athletic Trainers, Biological Scientists, Cardiovascular Technologists, Chiropractors, Claims Adjusters, Clinical Psychologists, Clinical Counselors and School Psychologists, Computer Programmers, Counseling Psychologists, Dental Hygienist, Dentists, Dietetic Technicians, Emergency Medical Technician and Paramedics, Engineers, General Practitioners, Health Educators, Industrial Psychologists, Massage Therapists, Medical Assistants, Mental Health Counselors, Nuclear Medicine Technologists, Nursing Assistants, Nurses, Occupational Therapists, Oral Surgeons, Orthodontists, Pharmacists, Physical Therapists, Physicians, Physicians Assistants, Psychiatrists, Radiologic Technicians, Respiratory Therapists, Software Developers, Substance Abuse and Behavioral Disorder Counselors, Surgeons, Veterinarians, Veterinarian Assistants

**Related College Majors\*:** Advanced General Dentistry, Aerospace Medicine, Anesthesiologist, Aromatherapy, Art Therapy, Athletic Training, Auditory and Speech Therapy, Biotechnology, Chiropractic (DC), Clinical Drug Development, Clinical Pharmacy, Clinical Social Work, Cytogenetics, Dental Assistants, Dental Hygiene, Emergency Care Attendant, Health Communication, Home Health Aide, Kinesiology, Massage Therapy, Medical Insurance Specialist, Medical Office Assistant, Medicine, Music Therapy, Optometry, Oral Pathology, Pediatric Dentistry, Pharmacy, Podiatric Medicine, Psychology, Speech and Language Pathology, Veterinary Sciences, Zoological Medicine

*\*Find more related careers and college majors through your Naviance Account*

## Pathway: Health Sciences

### Pathway Courses

Year 1-2	Career Skills Intro to STEM Applications
Year 3-4	PSY 101: Intro to Psychology BACC: Health Careers and Medical Terminology

### Related Electives

Advanced Biology AP Biology Internship BACC: Nurse Assisting Sociology
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### Recommended Early College Credit Options

HLTH 110 - Heartland Community College - 3 Credits NURS 110 - Heartland Community College - 8 Credits
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### Career Related Activities

Athletics Scholastic Bowl Skills USA STEM Club
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## Pathway: Advanced Medical

### Pathway Courses

Year 1-2	Career Skills Intro to STEM Applications
Year 3-4	Advanced Biology AP Biology PSY 101: Intro to Psychology

### Related Electives

AP Calculus  
AP Chemistry  
AP Computer Science Principles  
Internship  
Pre-Calculus  
Probability and Statistics

### Recommended Early College Credit Options

PSY 101: Intro to Psychology - Heartland Community College - 3 Credits  
3 or higher on AP Exam

### Career Related Activities

Athletics  
National Honor Society  
STEM Club



# HOSPITALITY AND TOURISM

**Management, marketing and operations of restaurants and other food services, lodging, attractions, recreation events and travel related services.**

**Related Careers\*:** Bakers, Butchers, Chefs, Fast Food Management, Cooks (All), Cafeteria Chef, Dining Room Attendant, Food Preparers, Food Service Managers, Gaming Managers, Hosts, Lodging Managers, Clerks, Residential Advisors, Meat Packers, Tour Guides, Travel Agents, Waiters and Waitresses

**Related College Majors\*:** Baking and Pastry, Bartending, Culinary Arts, Food Preparation Management, Hospitality Administration and Management, Meat Cutting, Personal and Culinary Services, Resort Management, Restaurant and Food Service Management, Tourism, Tourism Promotions Operations

*\*Find more related careers and college majors through your Naviance Account*

## Pathway: Food Production

### Pathway Courses

Year 1-2	Foods and Nutrition
Year 3-4	Foods and Nutrition 2 BACC: Culinary Arts I BACC: Culinary Arts II Sports/Entertainment Marketing

### Related Electives

2-4 Years of Foreign Language Environmental Science Human Geography/AP Human Geography Probability and Statistics
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### Recommended Early College Credit Options

Culinary 106: Applied Food Service and Sanitation - Joliet Junior College- 2 Credits
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### Career Related Activities

Athletics FFA History Club Internship STEM Club Skills USA
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## Pathway: Tourism

### Pathway Courses

Year 1-2	Foreign Language (2 years)
Year 3-4	Foreign Language (2 years/AP) Human Geography/AP Human Geography Sociology Sports/Entertainment Marketing

### Related Electives

Foods and Nutrition 1  
Foods and Nutrition 2  
Internship

### Recommended Early College Credit Options

3 or better on AP Exam

### Career Related Activities

Athletics  
History Club  
NHS  
Student Council

# HUMAN SERVICES

*Preparing individuals for employment in career pathways that relate to families and human needs such as counseling and mental health services, family and community services, personal care and consumer services.*

**Related Careers\*:** Barbers, Chief Executives, Child Social Workers, Childcare Workers, Clergy, City and Regional Planning, Counselors, Editors, Embalmers, Emergency Management Directors, Epidemiologists, Fashion Designers, Funeral Service Managers, Hairdressers, Healthcare Workers, Legislators, Makeup Artists, Marriage and Family Therapists, Mental Health Counselors, Music Directors, Physicians and Surgeons, Political Scientists, Preschool Teachers, Probation Officers, Recreation Workers, Sales Managers, Skin Care Specialists, Social Science Researchers, Substance Abuse and Behavioral Disorder Counselors

**Related College Majors\*:** Barber, Bible Studies, Child Care Provider, Community Health Services, Consumer Economics, Cosmetology, Divinity/Ministry, Ethics, Facial Treatment Specialists, Hair Styling, Human Development, Make-up artist, Mental Health Counselor, Missionary Studies, Pastoral Counseling, Permanent Cosmetics and Tattooing, Philosophy, Pre-Theology, Psychotherapy, Religious Studies, Salon Management, Social Sciences, Theology, Youth Ministry

*\*Find more related careers and college majors through your Naviance Account*

## Pathway: Cosmetology

### Pathway Courses

Year 1-2	Art 1 2D Art
Year 3-4	BACC: Cosmetology I/Barbering I BACC: Cosmetology II/Barbering II

### Related Electives

AP Chemistry CEO Internship
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### Recommended Early College Credit Options

Work towards Cosmetology/Barbering Hours for License
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### Career Related Activities

Art Club Athletics Skills USA
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## Pathway: Mental Health

### Pathway Courses

Year 1-2	Career Skills Human Geography/AP Human Geography
Year 3-4	Sociology PSY 101: Intro to Psychology

### Related Electives

Foreign Language (2-4 years) EDU 110: Intro to Education Internship Probability and Statistics
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### Recommended Early College Credit Options

3 or better on AP Exam PSY 101: Intro to Psychology - Heartland Community College - 3 Credits
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### Career Related Activities

Athletics Freshman Mentor Program History Club Student Council
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# INFORMATION TECHNOLOGY

***Building linkages in IT occupations for entry level, technical and professional careers related to the design, development, support and management of hardware, software, multimedia and systems integration services.***

**Related Careers\*:** Architectural and Engineering Managers, Computer Information Scientists, Computer and Information Managers, Computer Hardware Engineerings, Computer Network Architects, Computer Network Support Specialists, Programmers, Computer Operators, Computer Programmers, Computer Science Teachers, Computer Systems Analysts, Database Administrators, Graphic Designers, Information Security Analysts, Multimedia Artists and Animators, Network Systems Administrators, Software Developers

**Related College Majors\*:** Artificial Intelligence and Robotics, Computer and Information Sciences, Computer Engineering, Computer Programming, Computer Science, Computer Software Engineering, Computer Systems Analysis, Data Processing, Information Science, Information Technology, System Administration, Webpage and Digital Media Design, Webmaster

*\*Find more related careers and college majors through your Naviance Account*

## Pathway: Computer Networking

### Pathway Courses

Year 1-2	Computer Technology and Design Intro to STEM Applications
Year 3-4	AP Computer Science Principles BACC: Computer Technology & Networking I BACC: Computer Technology & Networking II

### Related Electives

AP Calculus Chemistry/AP Chemistry Engineering Design Internship Physics
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### Recommended Early College Credit Options

CSCI 101: Intro to Computer Information Science- Heartland Community College - 3 Credits NETW 150, 151, 160, 166, 167- Heartland Community College - 3 Credits Each
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### Career Related Activities

Athletics Drama Tech Crew Math Team Skills USA
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## Pathway: Computer Programming and Software Development

### Pathway Courses

Year 1-2	Intro to STEM Applications Computer Technology and Design
Year 3-4	AP Computer Science Principles

### Related Electives

AP Calculus Career Skills Digital Media Production Internship
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### Recommended Early College Credit Options

3 or better on AP Exam **Eligible students may apply for the Degree NOW Associate's Degree in Computer Science
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### Career Related Activities

Athletics Drama Tech Crew Math Team Scholastic Bowl
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# LAW, PUBLIC SAFETY, CORRECTIONS, & SECURITY

*Planning, managing and providing legal, public safety, protective services and homeland security, including professional and technical support services.*

**Related Careers\*:** Animal Control Workers, Anthropologists, Child/Family/School Social Workers, Correctional Officers and Jailers, Court Reporters, Criminal Investigators and Special Agents, Criminal Justice Teachers, Detectives and Criminal Investigation, Fire Inspectors, Firefighters, Forensic Science Technicians, Forest Fire Fighting, Judicial Clerks, Lawyers, Legal Secretaries, Lifeguard/Ski Patrol Workers, Protective Service Workers, Police Officers, Police Detectives, Police Patrol Officers, Private Detectives, Security Guards, Sheriffs and Deputy Sheriffs, Title Examiners/Searchers, Transit and Railroad Police

**Related College Majors\*:** Advanced Legal Research, US Law and Legal Studies, Banking/Corporate Finance Law, Corrections, Court Reporting, Criminal Justice, Criminal Science, Energy/Environmental/Natural Resources Law, Fire Protection, Fire Science, Juvenile Corrections, Law, Legal Administration, Legal Studies, Security Services, Tax Law

*\*Find more related careers and college majors through your Naviance Account*

## Pathway: Criminal Justice

### Pathway Courses

Year 1-2	Career Skills
Year 3-4	Sociology PSY 101: Intro to Psychology BACC: Criminal Justice & Law Enforcement I BACC: Criminal Justice & Law Enforcement II

### Related Electives

Contemporary History Economics Internship Probability and Statistics
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### Recommended Early College Credit Options

PSY 101: Intro to Psychology- Heartland Community College - 3 Credits COMM 101: Intro to Communications - Heartland Community College - 3 Credits
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### Career Related Activities

Athletics Speech Student Council
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## Pathway: Emergency and Fire Management

### Pathway Courses

Year 1-2	Career Skills Intro to STEM Applications
Year 3-4	Sociology BACC: Fire Science BACC: EMT-Basic (must be 18)

### Related Electives

Advanced Biology Internship PSY 101: Intro to Psychology
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### Recommended Early College Credit Options

EMT 101: Emergency Medical Technician- Heartland Community College - 8 Credits Fire Science 110 - Illinois Central College - 3 Credits Fire Science 113 - Illinois Central College- 3 Credits
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### Career Related Activities

Athletics Speech Student Council
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## Pathway: Legal Services

### Pathway Courses

Year 1-2	Career Skills
Year 3-4	AP US History or HIST 136: History of the US Since 1865 Contemporary History PSY 101: Intro to Psychology Sociology

### Related Electives

2-4 Years of Foreign Language  
AP Language and Composition  
Economics  
Internship  
Probability and Statistics  
BACC Criminal Justice & Law Enforcement

### Recommended Early College Credit Options

PSY 101: Intro to Psychology- Heartland Community College - 3 Credits  
3 or higher on AP Exams

### Career Related Activities

Athletics  
Bank Board  
History Club  
National Honor Society  
Speech

# MANUFACTURING

***Planning, managing and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance and manufacturing/process engineering.***

**Related Careers\*:** Biological Technicians, Chemical Technicians, Civil Engineering, Computer Automated Repairer, Construction Workers, Electrical Engineering Technician, Elevator Installers and Repairers, Fashion Designers, Foundry Mold Caretakers, Furniture Finishers, Industrial Machinery Management, Interior Designers, Jewelers, Maintenance Workers, Occupational Health Specialists, Sheet Metal Workers, Software Developers, Telecommunications Line Installers, Tool and Die Makers, Upholsterers, Watch Repairers, Welders, Woodworkers

**Related College Majors\*:** Appliance Installation and Repair Technology, Chemical Technology, Computer Software Technology Electrical Engineering Technology, Furniture Design, Heavy/Industrial Equipment Maintenance, Hydraulic and Fluid Power Technology, Industrial Mechanics, Industrial Safety, Laser and Optical Technology, Manufacturing Technology, Nuclear Power Technology, Plastics Engineering, Quality Control, Robotics Technology, Textile Science, Welding Technology, Woodworking

*\*Find more related careers and college majors through your Naviance Account*

## Pathway: Welding

### Pathway Courses

Year 1-2	Intro to Agriculture Intro to STEM Applications
Year 3-4	Ag Mechanization and Technology BACC: Welding I BACC: Welding II

### Related Electives

Engineering Design PLTW: Engineering Essentials Internship
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### Recommended Early College Credit Options

WELD 110: Intro to Welding Processes- Heartland Community College - 3 Credits WELD 116: Shielded Metal Arc Welding 1- Heartland Community College - 3 Credits MTFG 115: Manufacturing- Heartland Community College - 3 Credits
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### Career Related Activities

Athletics Drama Tech Crew Skills USA
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# MARKETING

*Planning, managing and performing marketing activities to reach organizational objectives.*

**Related Careers\*:** Advertising and Promotions Managers, Appraisers, Computer Programmers, Counter Clerks, Product Promotions, Sales Workers, Interior Designers, Lodging Managers, Marketing Research Analysts, Event Planners, Real Estate Brokers, Sales Engineers, Sales Managers, Stock Clerks, Survey Researchers, Transportation Attendants, Travel Agents, Travel Guides, Wholesale and Retail Buyers

**Related College Majors\*:** Apparel Marketing Management, Auctioneering, E-commerce, Fashion and Fabric Consultant, Fashion Merchandising, International Marketing, Marketing Research, Marketing, Real Estate, Retail Operations, Sales/Distribution/Marketing Operations

*\*Find more related careers and college majors through your Naviance Account*

## Pathway: Marketing

### Pathway Courses

Year 1-2	Career Skills Computer Technology/Design
Year 3-4	Accounting 1 Sports and Entertainment Marketing CEO

### Related Electives

AP Calculus AP Computer Science Principles Economics Internship Probability and Statistics PSY 101: Intro to Psychology
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### Recommended Early College Credit Options

PSY 101: Intro to Psychology - Heartland Community College - 3 Credits
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### Career Related Activities

Athletics Drama Tech Crew Yearbook
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# SCIENCE, TECHNOLOGY, ENGINEERING, & MATH

*Planning, managing and providing scientific research and professional and technical services (e.g., physical science, social science, engineering) including laboratory and testing services and research and development services.*

**Related Careers\*:** Aerospace Engineers, Agriculture Engineers, Anthropologists, Archeologists, Archivists, Atmospheric and Space Scientists, Biochemists, Biological Scientists, Chemical Engineers, Civil Engineers, Computer Programmers, Dietetic Nutritionists, Drafters, Economists, Electrical Engineers, Environmental Engineers, Epidemiologists, Family Practitioners, Geographers, Geoscientists, Historians, Hydrologists, Industrial Engineers, Life Scientists, Marine Engineers, Material Engineers, Mathematicians, Mechanical Engineers, Medical Scientists, Microbiologists, Natural Science Managers, Nuclear Engineers, Physicists, Political Scientists, Product Safety Engineers, Psychologists, Sociologists, Software Developers, Statisticians, Zoologists and Wildlife Biologists

**Related College Majors\*:** Aerospace Engineering, American History, Analysis and Function Analysis, Anatomy, Ancient Studies, Animal Behavior, Anthropology, Archeology, Astronomy, Astrophysics, Behavioral Sciences, Biochemistry, Bioinformatics, Biophysics, Botany, Cell Physiology, Cell and Molecular Biology, Chemical Engineering, Chemistry, Civil Engineering, Conservation Biology, Demography, Ecology, Economics, Endocrinology, Engineering, Genetics, Geochemistry, Gerontology, History, Industrial Engineering, International Economics, Marine Biology, Mathematics, Mechanical Engineering, Meteorology, Molecular Biology, Natural Sciences, Nuclear Physics, Oceanography, Pathology, Pharmacology, Physical Sciences, Physics, Plant Physiology, Statistics, Structural Engineering, Theoretical Physics, Toxicology, Wildlife Biology, Zoology/Animal Biology

*\*Find more related careers and college majors through your Naviance Account*

## Pathway: Science Research

### Pathway Courses

Year 1-2	Intro to STEM Applications AP Environmental Science
Year 3-4	AP Course in Content Area(s) Probability and Statistics STEM Research and Design

### Related Electives

Advanced Biology AP Calculus Internship
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### Recommended Early College Credit Options

3 or Higher in AP Course
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### Career Related Activities

Athletics Scholastic Bowl STEM Club WYSE
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## Pathway: Mathematics

### Pathway Courses

Year 1-2	Career Skills
Year 3-4	Pre-Calculus AP Calculus Probability and Statistics

### Related Electives

AP Computer Science Principles Accounting Economics Internship STEM Research and Design
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### Recommended Early College Credit Options

3 or higher in AP course
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### Career Related Activities

Athletics Chess Team Math Team Scholastic Bowl STEM Club WYSE
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## Pathway: Engineering

### Pathway Courses

Year 1-2	Intro to STEM Applications PLTW: Engineering Essentials
Year 3-4	Pre-Calculus AP Calculus Engineering Design BACC: Robotics & Engineering

### Related Electives

AP Chemistry  
AP Computer Science Principles  
AP in another content area  
Internship  
STEM Research and Design

### Recommended Early College Credit Options

3 or higher in AP Course

### Career Related Activities

Athletics  
Internship  
Math Team  
Scholastic Bowl  
WYSE

# TRANSPORTATION, DISTRIBUTION, & LOGISTICS

*Planning, management and movement of people, materials and goods by road, pipeline, air, rail and water and related professional and technical support services, such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance.*

**Related Careers\*:** Aerospace Engineers, Air Traffic Controllers, Automotive Service Technicians, Bicycle Technicians, Boilermakers, Captains/Mates/Pilots of Water Vessels, Commercial Divers, Commercial Pilots, Diesel Mechanics, Flight Attendants, Heavy Traffic Truck Drivers, Motorcycle Mechanics, Occupational Health Specialists, Outdoor Power Equipment Mechanic, Print Binding and Finishing, Rail Yard Engineers, Boat Captains, Traffic Technicians, Transportation Managers

**Related College Majors\*:** Aeronautical Engineering, Air Traffic Controller, Airline Flight Attendant, Alternative Fuel Technology, Aviation, Construction and Heavy Equipment Operation, Diesel Mechanics, Engine Machinist, Marine Maintenance, Small Engine Mechanics, Traffic/Customs/Transportation Technician, Truck and Bus Driver, Vehicle Maintenance

*\*Find more related careers and college majors through your Naviance Account*

## Pathway: Automotive Mechanics

### Pathway Courses

Year 1-2	Intro to STEM Applications
Year 3-4	Ag Mechanization and Technology BACC: Automotive Technology I BACC: Automotive Technology II

### Related Electives

College and Trigonometry 2 Engineering Design Internship PLTW: Engineering Essentials
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### Career Related Activities

Athletics Drama Tech Crew Skills USA STEM Club
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# COURSE DESCRIPTIONS

## AGRICULTURE COURSES

The courses available provide the student with a basic understanding of the agriculture industry and the option of a more in-depth study of the industry and its components. This program can be beneficial for both the student seeking a better understanding of the industry and also the student planning to pursue an agriculturally related occupation or to continue their education after high school in an agricultural field. Enrollment in this program is a requirement for participation in FFA activities. In addition, students will learn about important life skills, how to increase their communication effectiveness, and how to run an efficient meeting. Keeping a Supervised Agricultural Experience Project is a requirement of all classes.

**COURSE TITLE:** Introduction to the Agricultural Industry  
**CREDIT:** 1  
**PREREQUISITE:** None  
**STATE COURSE CODE:** 18001A001

This orientation course provides an opportunity for students to learn how the agricultural industry is organized; its major components; the economic influence of agriculture at state, national and international levels; and the scope and types of job opportunities in the agricultural field. Basic concepts in animal science, plant science, soil science, horticulture, natural resources, agriculture mechanics, and agribusiness management will be presented. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

**COURSE TITLE:** Basic Agricultural Science  
**CREDIT:** 1  
**PREREQUISITE:** Introduction to the Agricultural Industry  
**STATE COURSE CODE:** 18003A001

This orientation course builds on basic skills and knowledge gained in the Introduction to the Agricultural Industry course. Major units of instruction include agricultural research, soil science, advanced plant science, biotechnology, advanced animal science and agriculture mechanics. Applied science and math skills and concepts will be stressed throughout the course as they relate to each area. Improving computer and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.



**COURSE TITLE:** Agricultural Mechanization & Technology  
**CREDIT:** 1  
**PREREQUISITE:** Introduction to the Agricultural Industry  
**STATE COURSE CODE:** 18402A001

This course will concentrate on expanding students' knowledge and experiences with agricultural mechanics technologies utilized in the agricultural industry. Units of instruction included are: design, construction, fabrication, maintenance, welding, internal combustion engines, hydraulics, and employability skills. Careers of agricultural construction engineer, electrician, plumber, welder, equipment designer, parts manager, safety inspector, welder, and other related occupations will be examined. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

**COURSE TITLE:** Agricultural Business Management  
**CREDIT:** 1  
**PREREQUISITE:** Introduction to the Agricultural Industry  
**STATE COURSE CODE:** 18201A001

This course will provide students with the basic knowledge and skills necessary to manage personal finances and develop into a successful entrepreneur and/or businessperson. Instructional units include: business ownership types, starting an agribusiness, managing and operating an agribusiness, financing an agribusiness, managing personal finances, record keeping and financial management of an agribusiness, local, state, and federal taxes, agricultural law, and developing employability skills. Student skills will be enhanced in math, reading comprehension, and writing through agribusiness applications. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

**COURSE TITLE:** Horticultural Production and Management  
**CREDIT:** 1  
**PREREQUISITE:** Intro to the Agricultural Industry  
**STATE COURSE CODE:** 18052A000

This course is designed for students to learn and understand the production of horticultural crops including basic plant science, greenhouse operation and floral design. Areas of study will include plant growth and development, greenhouse construction, heating, cooling, plant growing media, plant identification, propagation of plants, environment control, and Christmas floral decorations. Watering, fertilization, insect control, and disease control will also be covered. The development of science and leadership skills is reinforced by student involvement in Supervised Agricultural Experience Programs and FFA activities.

**COURSE TITLE:** Biological Science Applications in Agriculture (BSAA)  
**CREDIT:** 1  
**PREREQUISITE:** "C" or better in two science classes and Algebra 1  
**STATE COURSE CODE:** 18051A002

BSAA is a course that reinforces and extends students' understanding of science and the scientific process by associating scientific principles and concepts with relevant applications in agriculture. Students will examine specific agricultural applications and processes and the underlying science principles explaining or controlling those applications. This course will use numerous laboratory exercises and experiments as the major tool of instruction. Topics of instruction will include the major phases of plant growth and management in agriculture, the specific biological science concepts that govern management decisions, genetics, biotechnology, growth, development, reproduction, agriculture, and processing of animal products. Students will conduct a long term research project and spend time in the greenhouse. The development of communication and leadership skills is reinforced by student involvement in Supervised Agricultural Experience Programs and FFA activities.

\*This course may be taken for science credit.

**COURSE TITLE:** AGRI 110: Introductory Agricultural Economics - Dual Credit with Heartland  
**CREDIT:** 1  
**PREREQUISITE(S):** JR/SR status, Heartland enrollment and required prerequisite  
**STATE COURSE CODE:** 18201A001

This course is a survey of the field of economics with an emphasis on agricultural management and economic analyses of current agricultural, resource, and environmental policies. This course is an introduction to working in agribusiness in today's competitive environment.

**Transferable Elective Course:** This course generally should transfer to an Illinois Articulation Initiative college or university. Please consult with your advisor about transferability. Major Code: AG 901 (3 College Credit Hours)

**COURSE TITLE:** AGRI 120: Introductory Horticulture –Dual Credit with Heartland  
**CREDIT:** 1  
**PREREQUISITE:** JR/SR status, Heartland enrollment and required prerequisite  
**STATE COURSE CODE:** 18051A001

This advanced course offers instruction in both the greenhouse production and landscape areas of horticulture. Units of study include plant identification, greenhouse management, growing greenhouse crops, landscape design, installation, and maintenance, horticulture mechanics, nursery management, and turf production. Agribusiness units will cover operating a horticultural business, pricing work, advertising, and sales. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

**Transferable Elective Course:** This course generally should transfer to an Illinois Articulation Initiative college or university. Please consult with your advisor about transferability. Major Code: AG 905 (3 College Credit Hours)

**COURSE TITLE:** Agricultural Leadership and Communications  
**CREDIT:** 1  
**PREREQUISITE:** Introduction to the Agricultural Industry and teacher approval  
**STATE COURSE CODE:** 18998A001

Course Description: This course is designed to provide students with the knowledge and leadership experiences to help them to become successful in life and in the workplace. Students will further enhance their potential for leadership development, personal growth, and career success. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts. Students will assist in teaching introductory agriculture concepts to middle and/or high school students.

# ART COURSES

The Olympia High School art program is designed to help students develop their individual abilities to a higher degree and to provide artistic experiences which will prepare them to go on to higher levels of education in visual arts. Our students will be able to compete with students of similar skill if they choose to pursue a career in the visual arts.

**COURSE TITLE:** Art I  
**CREDIT:** 1  
**PREREQUISITE:** None (preference will be given to students with FR/SO status)  
**STATE COURSE CODE :** 05154A000

Art I is a course open to any high school student curious about taking art or interested in advancing into other art courses. The course presents a broad background into 2-D and 3-D art. The elements and principles of design provide the core concepts for the class. Studio work will include drawing, color, design, painting, printmaking, clay, and much more. Art History research and analysis will play a major role throughout the duration of this course.

**COURSE TITLE:** 2D Art  
**CREDIT:** 1  
**PREREQUISITE:** "C" or better in Art I  
**STATE COURSE CODE :** 05155A000

This is an advanced drawing course for students with a serious interest in Art. Majority of the class is based around specific drawing and painting techniques using mediums such as graphite, ink, pastel, and acrylic and watercolor paints.. The course will also cover digital media for drawing, such as Adobe Photoshop and Illustrator. Time will be spent investigating, discussing and writing about why artwork is created and the meaning behind the decision being made. A high level of interest is recommended for this course.

**COURSE TITLE:** Sculpture and Ceramics  
**CREDIT:** 1  
**PREREQUISITE:** "C" or better in Art I (preference will be given to students with JR/SR status)  
**STATE COURSE CODE:** 05158A000

Sculpture and Ceramics is a course designed to develop an understanding of the principles and elements of design and how they relate to sculpture. Students will work in a variety of media including; plaster craft, wood, mixed media, paint, and clay. Clay will be the emphasis of the course. Students will learn coil, slab, and pinch techniques.

**COURSE TITLE:** Photography/Graphic Design  
**CREDIT:** 1  
**PREREQUISITE:** "B" or better in Art I AND JR/SR status  
**STATE COURSE CODE:** 05167A000

This course takes an in-depth look into the processes and techniques involved in digital photography and graphic design. This is a rigorous course designed for any student with a serious interest in better understanding the tools, terminology and processes of taking and editing photographs. Students will use Photoshop on a daily basis to edit and manipulate images that they have taken themselves. This course will not only focus on the creative side of taking and editing photographs, but also focuses on the conceptual purpose behind a student's work. Students interested in art, photography, or graphic design are encouraged to enroll. Although helpful, access to a digital camera is not required. **Students and parents must agree to sign a repair and replacement waiver prior to using school equipment.**

# BUSINESS COURSES

The Business curriculum consists of a program of study whose purpose is to provide students with the skills, attitudes and competencies to be successful in post-secondary study, the workforce, and as adult consumers. Through the business courses offered, students begin to learn the knowledge and skills in personal finance, accounting, marketing, management, and entrepreneurship. The Internship and CEO offerings add to that knowledge through real world experiences in business settings.

**COURSE TITLE:** Sports/Entertainment Marketing  
**CREDIT:** 1  
**PREREQUISITE:** JR/SR status  
**STATE COURSE CODE:** 12152A001

A specialized course designed to offer students an opportunity to gain knowledge and develop skills related to the growing sports and entertainment industry. Sports Marketing addresses such diverse products as the sporting event itself, its athletes, sports facilities or locations, sporting goods, personal training, and sports information. Entertainment Marketing includes events such as fairs, concerts, trade shows, festivals, plays, product launches, causes, etc. Students will develop skills in the areas of merchandising, advertising, public relations/publicity, event marketing, sponsoring, ticket distribution, and career opportunities as they relate to the sports and entertainment industry.

**COURSE TITLE:** Accounting 1  
**CREDIT:** 1  
**PREREQUISITE:** JR/SR status  
**STATE COURSE CODE:** 12104A001

This course deals with the "accounting cycle" from its simplest form to more complex forms with special journals and subsidiary ledgers. The student will become acquainted with and develop an understanding of common business transactions, develop skills and work habits needed for recording transactions and be able to prepare financial statements with some understanding of the process of the "why" of accounting in addition to the "how". Computerized accounting will be a part of this course.

**COURSE TITLE:** Accounting 2  
**CREDIT:** 1  
**PREREQUISITE:** A or B grade in Accounting 1, or C with instructor's permission  
**STATE COURSE CODE:** 12104002

Students will continue the study of the "accounting cycle" as it relates to other types of businesses. The legal environment of business will also be studied. They will complete chapter assignments along with reinforcement activities. Integrated automated topics will be covered using computerized accounting. The final project will be a realistic business simulation.

**COURSE TITLE:** Personal Finance  
**CREDIT:** 1  
**PREREQUISITE:** SR status (Or approved JR status)  
**STATE COURSE CODE:** 22207A001

This consumer education fulfillment course focuses on the understanding and skills needed to make responsible financial decisions. Topics include the following: budgeting, taxes, banking, savings, credit, transportation, housing, and insurance. The course begins with career research and the job search process. Students will also complete budgeting projects throughout the semester such as planning a wedding/honeymoon, planning and purchasing a holiday meal, and planning a vacation. Computers are used extensively throughout the course including the use of Virtual Business software, Microsoft Office, and an online budgeting simulation. \*\*Students will have the opportunity to earn dual credit with Heartland Community College's Success Education coursework ([SCED 100-110](#)).

**COURSE TITLE:** Internship  
**CREDIT:** 1  
**PREREQUISITE:** Student must apply and find an internship within the Olympia community  
**STATE COURSE CODE:** 22998A000

The Internship Program is designed for career exploration that benefits the student and will be tailored to meet the unique needs and interests of the learner. The student will participate in a workplace experience while interning with a mentor in a business/organization, which is reflective of the student's career interest, while observing workplace functions and investigating the requirements of a specific career field. Essential career skills will be correlated with soft skills and academic skills in a project-based format. The student will be released from school to intern with their mentor in an unpaid position with a business/organization for 70 hours per semester. Students will be required to meet weekly with their internship teacher and complete required reflective assignments. Internship teacher meetings will assist the student in making connections between academic learning and workplace experiences.

**COURSE TITLE:** CEO: Creating Entrepreneurial Opportunities  
**CREDIT:** 1 each semester  
**PREREQUISITE:** Application - Offered through Lincoln Technical Education Center  
**STATE COURSE CODE:** 12053A001

CEO acquaints students with the knowledge and skills necessary to own and operate their own businesses. Topics from several fields typically form the course content: economics, marketing principles, human relations and psychology, business and labor law, legal rights and responsibilities of ownership, business and financial planning, finance and accounting, and communication. For more information, visit <https://www.landoflincolnceo.com/>

**COURSE TITLE:** SCED 100: College Success -- Dual Credit with Heartland

**CREDIT:** 1

**PREREQUISITE:** NONE

This course is offered through Heartland Community College and may be earned through taking Personal Finance at Olympia High School. This course is a foundational course in active learning strategies and effective study skills that focuses on the learner's role and responsibility in the learning process.

**Transferrable Elective Course:** This course generally should transfer to an Illinois Articulation Initiative college or university. Please consult with your advisor about transferability. (1 College Credit Hour)

**COURSE TITLE:** SCED 101: Career Success -- Dual Credit with Heartland

**CREDIT:** 1

**PREREQUISITE:** NONE

This course is offered through Heartland Community College and may be earned through taking Career Skills at Olympia High School. Students will explore significant personal factors such as values, interests, skills, and personality preferences in order to make informed career and lifestyle choices. Students will research potential careers and use labor market information, decision-making strategies and goal-setting to develop an individual career action plan.

**Transferrable Elective Course:** This course generally should transfer to an Illinois Articulation Initiative college or university. Please consult with your advisor about transferability. (1 College Credit Hour)

**COURSE TITLE:** SCED 102: Personal Success--Dual Credit with Heartland

**CREDIT:** 1

**PREREQUISITE:** NONE

This course is offered through Heartland Community College and may be earned through taking Career Skills at Olympia High School. This course provides an introduction to academic and personal skills essential for success in college and in life. Topics include personal responsibility, goal setting, critical thinking, and emotional intelligence. Students learn to create success by applying proven principles for active learning, self-motivation, self-management, and interdependence.

**Transferrable Elective Course:** This course generally should transfer to an Illinois Articulation Initiative college or university. Please consult with your advisor about transferability. (1 College Credit Hour)

**COURSE TITLE:** SCED 110: Workplace Success--Dual Credit with Heartland

**CREDIT:** 1

**PREREQUISITE:** NONE

This course is offered through Heartland Community College and may be earned through taking Personal Finance at Olympia High School. This course provides an introduction to academic and personal skills essential for success in college and in life. Topics include personal responsibility, goal setting, critical thinking, and emotional intelligence. Students learn to create success by applying proven principles for active learning, self-motivation, self-management, and interdependence.

**Transferrable Elective Course:** This course generally should transfer to an Illinois Articulation Initiative college or university. Please consult with your advisor about transferability. (1 College Credit Hour)



# COMPUTER COURSES

The computer curriculum is for students wanting to increase their computer skills in a variety of ways. Students can gain more advanced skills with Microsoft Office and Google applications. Students can also obtain skills in programming, graphic design, and digital media. Even if a student's career path isn't in one of these areas, these courses can help them be better prepared for any career given the integration of technology in the workforce of today and the future.

**COURSE TITLE:** Personalized Career Skills  
**CREDIT:** 1 – STRONGLY ENCOURAGED of all 9th graders  
**PREREQUISITE:** None  
**STATE COURSE CODE:** 22151A000

To prepare students for life after high school, specifically for college and the workforce with a focus on computer based skills. This course includes the review and development of skills necessary for life; these skills include, but are not limited to: presentation creation, spreadsheet management, resume building, and various types of written communication. The course will utilize Microsoft Office products as well as Google products to teach the aforementioned skills. Students will also access Naviance software in order to plan for career and college future needs. \*\*Students will have the opportunity to earn dual credit with Heartland Community College's Success Education coursework ([SCED 100-110](#)).

**COURSE TITLE:** Computer Technology and Programming  
**CREDIT:** 1  
**PREREQUISITE:** None  
**STATE COURSE CODE:** 10152A001

This introductory course in computer programming begins by exploring the concepts of how computers work, how information is processed, and how programs allow the user to define and control a process. Students will be involved in both classroom and lab activities, which may include study in the following areas: Multi-Media, Digital Photography, Desktop Publishing, Graphic Design, Animation, and Audio and Video Editing. This course will introduce coding for various purposes and in order to create computer programs in which students will learn higher level algorithmic thinking in a structured programming environment. No prior programming experience is necessary.

**COURSE TITLE:** Digital Media Production  
**CREDIT:** 1  
**PREREQUISITE:** Computer Technology and Programming or Teacher Recommendation  
**STATE COURSE CODE:** 11051A003

Digital Media and Production will be a course that follows our technology pathway. This course will include the editing of video and audio. The projects expected of this class benefit the communities surrounding Olympia High School and the sports and activities within Olympia High School. The students will be expected to create videos that include, but not limited to: sporting events, all high school assemblies (if requested), special videos for any surrounding communities, videos as requested by the administration of Olympia High School, audio clips to support any activity/sport in the school as requested, a deeper dive into short film making, green screen work, a collaboration with The Torch to bring news stories to the camera.

**COURSE TITLE:** AP Computer Science Principles  
**CREDIT:** 1  
**PREREQUISITE:** Geometry or instructor approval  
**STATE COURSE CODE:** 10161A000

Computer Science is a rigorous, entry-level course that introduces high school students to the foundations of modern computing. The course covers a broad range of foundational topics such as programming using JavaScript, algorithms, building apps, the Internet, manipulating data, digital privacy and security, and the societal impacts of computing. Computer science is everywhere, from our smartphones and video games to music, medicine, and much more. AP Computer Science Principles (AP CSP) can help you understand how computing and technology influence the world around you. Learn how to creatively address real-world issues while using the same tools and processes that artists, writers, computer scientists, and engineers use to bring ideas to life.

# CONSUMER EDUCATION COURSES

In order to meet the Illinois state consumer education requirement, all students must complete one of the following courses during their junior or senior year.

**COURSE TITLE:** Economics  
**CREDIT:** 1  
**PREREQUISITE:** JR/SR STATUS  
**STATE COURSE CODE:** 04201A000

This elective course will introduce students to the principles of economics that apply to the individual consumer or small business owner and to the larger global economy. The course will develop students' familiarity with economic performance measures, the financial sector, stabilization policies, and economic growth. The primary objective of the course is to aid students in becoming responsible economic decision makers as employees, employers, investors, and consumers in the American economy.

**COURSE TITLE:** Personal Finance  
**CREDIT:** 1  
**PREREQUISITE:** SR status (Or approved JR status)  
**STATE COURSE CODE:** 22207A001

This required course focuses on the understanding and skills needed to make responsible financial decisions. Topics include the following: budgeting, taxes, banking, savings, credit, transportation, housing, and insurance. The course begins with career research and the job search process. Students will also complete budgeting projects throughout the semester. Computers are used extensively throughout the course including the use of Virtual Business software, Microsoft Office, and an online budgeting simulation. \*\*Students will have the opportunity to earn dual credit with Heartland Community College's Success Education coursework ([SCED 100-110](#)).

# EDUCATION COURSES

**COURSE TITLE:** EDUC 101: Introduction to Education - Dual Credit with Heartland

**CREDIT:** 1

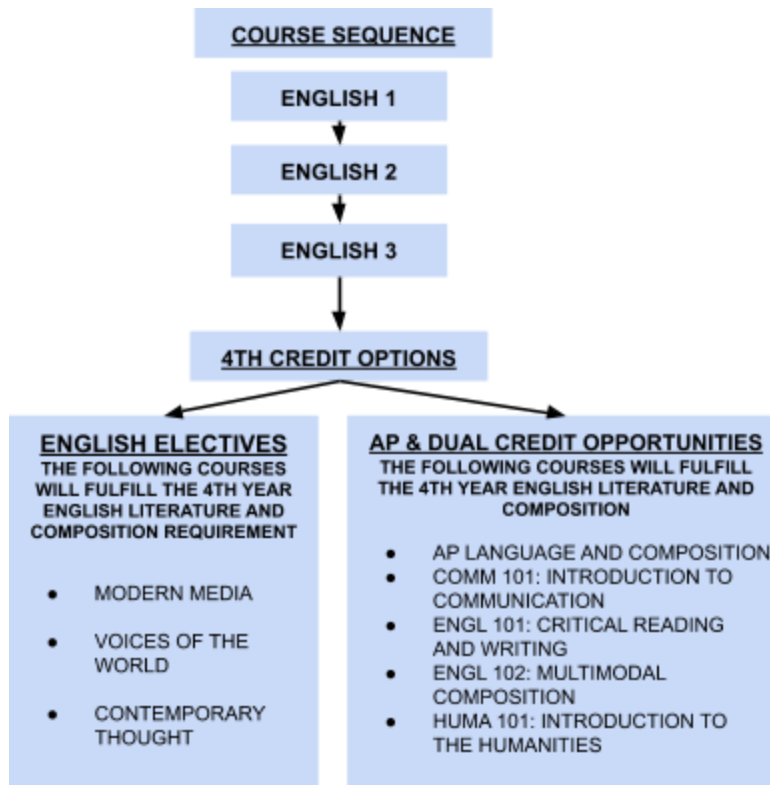
**PREREQUISITE:** Heartland enrollment and placement at college level English

**STATE COURSE CODE:** 19151A001

This course provides an introduction to the American education system and as teaching as a profession. Throughout the course students will be offered a variety of perspectives on education including: historical, philosophical, social, legal, and ethical issues in a diverse society. A study of organizational structure and school governance will also be included. A minimum 15-hour clinical component is required for this class. \*Note: Students who enroll in EDUC 101 will be required to undergo a criminal background check by a college selected vendor. A clear background check is mandatory in order to complete the course/state required 15 hour clinical component for each class. The cost of the background check will be added as a course fee.

**Transferable Elective Course:** This course generally should transfer to an Illinois Articulation Initiative college or university. Please consult with your advisor about transferability. (3 College Credit Hours)

# ENGLISH COURSES



NOTE: If a student chooses to use a dual credit course to fulfill their 4th year English requirement, it is recommended that they meet with their counselor to discuss where they plan to apply to college. Some highly selective colleges and universities have strict regulations about acceptance of dual credit courses if they are used to fulfill a graduation requirement.

**COURSE TITLE:** English I - Literature and Composition

**CREDIT:** 1 (Required)

**PREREQUISITE:** None

**STATE COURSE CODE:** 01001A000

In the first required English course, the instruction will focus on improving writing and reading skills to ensure the success of all students during high school. The class includes a workshop segment. A wide variety of writing styles will be covered. Reading, listening and speaking skills will be integrated into the class. Various genre and real world types of writing will provide models and stimulus for student writing. Students will study basic speech skills and use their writing for speech presentations.

**COURSE TITLE:** English 2 - Written and Oral Communication  
**CREDIT:** 1 (Required)  
**PREREQUISITE:** English I  
**STATE COURSE CODE:** 01054A000

English 2 is a required course that must be completed before a student graduates. Reading, writing and speaking are components of this class with a heavy emphasis on speaking. Study will focus on critical analysis, expository and argumentative styles and will include a research paper. The literature will include non-fiction, drama, selected novels and essays and will serve as a survey of literature courses. The speech component will incorporate several informal speeches as well as work with listening skills.

**COURSE TITLE:** English 3 - American Literature and Composition  
**CREDIT:** 1 (Required)  
**PREREQUISITE:** English I and II  
**STATE COURSE CODE:** 01003A000

English 3 is a required course that must be completed before a student graduates. Reading, writing, listening and speaking are components of this class, which will further prepare students for the ACT and SAT as well as other junior level standardized testing. Assignments will focus on critical analysis, expository and persuasive style and will include a research paper. In addition to the genres of short story, novel, poetry, and drama, students will read oratories, letters, diaries, journals, and songs. By the end of the course, students will be able to identify the major periods, authors, and titles of American literature as well as express, through writing that reflects critical thinking, the importance and content of representative texts. \*Honors English 3 is strongly suggested for ALL students enrolling in AP US History.

**COURSE TITLE:** AP Language and Composition  
**CREDIT:** 1  
**PREREQUISITE:** English I, 2, 3  
**STATE COURSE CODE:** 01005A000

The AP English Language and Composition course aligns to introductory college-level rhetoric and writing curriculum, which requires students to develop evidence-based analytic and argumentative essays that proceed through several stages or drafts. Students evaluate, synthesize, and cite research to support their arguments. Throughout the course, students develop a personal style by making appropriate grammatical choices. Additionally, students read and analyze the rhetorical elements and their effects in non-fiction texts, including graphic images as forms of text, from many disciplines and historical periods. American Literature will be integrated into the course.

**COURSE TITLE:** **Voices of World Culture: Literature and Composition**

**CREDIT:** **1**

**PREREQUISITE:** **English I, 2, and 3**

**STATE COURSE CODE:** **01057A000**

This course is meant to serve as a fourth high school English course building on the skills learned in English 1, 2, and 3. Through the voices of a diverse group of authors, thinkers, and cultural figures, students will explore classic fiction and nonfiction pieces, including short stories, plays, novels and poetry. The course emphasizes discovering universal thematic connections between the literature of different eras, nations and cultures. It will integrate both literary and film analysis, along with persuasive writing and research-based assignments. There are also multimedia presentation projects incorporated into the class. This class is designed to help students develop stronger reading and writing skills using intriguing and dynamic learning approaches.

**COURSE TITLE:** **Modern Media: Literature & Composition**

**CREDIT:** **1**

**PREREQUISITE:** **English I, 2 and 3**

**STATE COURSE CODE:** **01062A400**

The Modern Media course is meant to serve as a fourth high school English course building on the skills learned in English 1, 2, and 3. This course will integrate both literary and film analysis, media literacy, professional and research writing, and creative narrative writing. Students will write poetry, short stories, analytical essays and research essays, while also reading poetry, short stories, nonfiction and one or more novels. Films may include everything from feature films to short films to documentaries, but all of them will relate back to the writing pieces that help steer the course. Essentially, this class is meant to help students write better both in real world scenarios and for pleasure, while expanding students' understanding and appreciation of literature and film.

**COURSE TITLE:** **Contemporary Thought: Literature and Composition**

**CREDIT:** **1**

**PREREQUISITE:** **English I, 2, and 3**

**STATE COURSE CODE:** **01104A000**

This course is meant to serve as a fourth high school English course building on the skills learned in English 1, 2, and 3. While this course focuses on contemporary novels that represent authors from diverse cultures, the units of study will also be supported by analysis of various other modes of composition, including informational texts, short stories, poetry, and film. The content of the course will promote collaborative study of topics pertaining to social justice and diversity in today's world. Students will develop writing skills in literary analysis and research as well as speaking and listening skills through Socratic seminar discussions. This class is intended to help students strengthen reading and writing skills and to connect literacy to the 21st century.

**COURSE TITLE:** Journalism 1  
**CREDIT:** 1  
**PREREQUISITE:** English I, 2, and 3  
**STATE COURSE CODE:** 11101A000

The Journalism course serves as an elective and further develops the reading and writing skills learned in English 1, 2, and 3. The course content includes a brief history of the newspaper, studies of the First Amendment, various forms of newspaper story writing, desktop publishing using Adobe InDesign and Photoshop, page layout and graphic design, writing headlines, and taking strong journalistic photographs. Any student planning to take this course should have excellent writing skills and enjoy interviewing people. The students in this course will produce the school newspaper, The Torch, publish stories on the high school website, write articles for possible printing in local newspapers, and create other forms of digital multimedia news stories. \*\*This course does not fulfill an English requirement\*\*

**COURSE TITLE:** COMM 101: Intro to Oral Communication–Dual Credit with Heartland  
**CREDIT:** 1  
**PREREQUISITE:** JR/SR status, Heartland enrollment and required prerequisite  
**STATE COURSE CODE:** 01155A000

This introductory course in public speaking helps students understand basic communication principles and improves their oral communication skills. The course emphasizes preparing, selecting, organizing, and delivering oral messages, as well as analyzing and evaluating the speaking-listening process. IAI GEC Code - C2 900 (3 College Credit Hours)

**COURSE TITLE:** ENGL 101: Critical Reading and Writing – Dual Credit through Heartland  
**CREDIT:** 1  
**PREREQUISITE:** JR/SR status, Heartland enrollment and required prerequisite  
**STATE COURSE CODE:** 01103A000

This course is designed to improve expository, narrative, and persuasive essay writing and research techniques. Areas of development will include vocabulary building, sentence structure, descriptive techniques, mechanics, and style. The writing process will be stressed with emphasis on revision and peer revision. This course is especially recommended for college-bound students as our focus will be preparing students for college level writing. We will focus on skills needed to write effectively for a variety of audiences and purposes. IAI Course Code: C1 900R (3 College Credit Hours)



**COURSE TITLE:** ENGL 102: Multimodal Composition – Dual Credit with Heartland  
**CREDIT:** 1  
**PREREQUISITE:** Successful completion of English 101 with a C or higher  
**STATE COURSE CODE:** 01149A000

In this course, students will put rhetorical principles into useful cultural practice via researching, designing, creating, and sharing multimodal composition projects that contribute to real academic or career purposes and audiences. Conceptual knowledge of genre, textual control, document design, writer responsibility, and collaboration will be applied as students research academic or career interests. Students will learn and apply both primary and secondary research skills, and will compose projects that successfully employ genre-appropriate reasoning, formats, and structures. IAI Course Code: C1 901R (3 College Credit Hours)

**COURSE TITLE:** HUMA 101 – Intro to the Humanities - Dual Credit through Heartland  
**CREDIT:** 1  
**PREREQUISITE:** JR/SR status, Heartland enrollment and required prerequisite  
**STATE COURSE CODE:** 04302A000

Introduction to the Humanities is the study of social and cultural values as expressed through the major art forms, including painting, sculpture, architecture, literature, drama, music, dance, photography, and film. The course will examine the elements and formal qualities that are characteristic of each art form, the relationships between the arts, and the social and historical contexts from which they developed. IAI GEC Code - HF 900 (3 College Credit Hours)

**COURSE TITLE:** Academic Literacy Strategies  
**CREDIT:** 1 credit elective credit  
**PREREQUISITE:** Placement based on testing scores and teacher recommendation  
**STATE COURSE CODE:** 01066A000

This course has been developed to help students learn and practice a variety of skills and strategies that will make them successful at the secondary level (vocabulary, critical thinking, analysis skills, reading rate, comprehension, and computation). This course will also help students transition to high school and deal with a wide range of reading and mathematical tasks they will encounter at the secondary school level. Students will assess their strengths and weaknesses as learners and participate in a variety of experiences designed to help them develop the strategies to develop success. The course will emphasize the use of strategies for various content areas so that students can practice independent learning. At the end of the semester, students should have the skills and strategies to make them learners who can approach a variety of tasks with confidence.

**\*\*This course does not fulfill an English requirement\*\***

# FAMILY AND CONSUMER SCIENCE COURSES

Family and Consumer Science introduces students to the world of work and occupations in Family and Consumer Science, as well as life skills for independent living. It emphasizes the need for students to prepare for the multiple roles that must be played in today's society. It further emphasizes the importance of knowledge from the Family and Consumer Science fields to all areas of life.

**COURSE TITLE:** Fashion and Interior Design  
**CREDIT:** 1  
**PREREQUISITE:** None  
**STATE COURSE CODE:** 22205A000

Fashion & Interior Design is designed to strengthen a student's interest and background in design concepts. Opportunities will be provided for students to explore the curriculum within creative teams and through individual activities. Students will develop an awareness of construction techniques, visual communication, design elements, style trends, and fashion merchandising strategies.

**COURSE TITLE:** Foods and Nutrition I  
**CREDIT:** 1  
**PREREQUISITE:** SO/JR/SR status  
**STATE COURSE CODE:** 16054001

Students enrolled in this course will receive a hands-on education in applying nutrition concepts to food preparation. Students will participate in a wellness unit that will allow them to research daily food requirements and also basic nutrition and fitness activities. Food preparation techniques will be developed by actively participating in lab situations where all students will adhere to safety and sanitation standards; as well as practice proper hospitality and etiquette rules. Students will apply course content to core subjects through the utilization of STEM and the new Illinois Learning standards concepts.

**COURSE TITLE:** Foods and Nutrition II  
**CREDIT:** 1  
**PREREQUISITE:** JR/SR status, minimum C in Foods and Nutrition I  
**STATE COURSE CODE:** 16054A002

Students enrolled in this course will receive a hands-on education in applying nutrition concepts to meal planning. Food preparation techniques will be developed by actively participating in lab situations where all students will adhere to safety and sanitation standards; as well as practice proper hospitality and etiquette rules. Students will apply course content to core subjects through the utilization of STEM and the new Illinois Learning Standards concepts. Students should be able and willing to work independently in the kitchen, following all safety and sanitation rules.

# FOREIGN LANGUAGE COURSES

All world language courses at Olympia High School will include the following components:

1. Students will receive a weekly speaking participation grade. Communication in the target language, appropriate to the level of study, is required.
2. Students will complete weekly online vocabulary and grammar drills.
3. Students will complete assignments which target the four skill areas of listening, speaking, reading, and writing. Students will build these skills through real-life situations, such as emails and conversations.
4. Authentic materials, appropriate to the level of learning, will be used in all courses. These materials include literature, video clips, podcasts, clips of TV shows and films, and websites.

World language courses (Spanish 1 – 4 and German 1-4) begin with an introduction to the target language, culture, and geography. Each level builds on the previous course in the difficulty of vocabulary, grammar, and reading. World language courses must be taken consecutively. A prerequisite of a C or higher is recommended for students to continue in the world language sequence.

## **How much foreign language should I take?**

Olympia High School requires two credits of fine arts, foreign language, or vocational coursework to graduate. However, it is important for students to be aware that a number of colleges have a minimum requirement of two years of the same foreign language for admissions. Students should check with schools they plan to apply for specific admissions requirements. Please reference page 3 of the Illinois State Universities At-A-Glance for a guide to admissions requirements in foreign language for public institutions in Illinois. <https://www.iacac.org/wp-content/uploads/18-19StateUnivAtaGlance.pdf>

## **Which foreign language should I take?**

How much foreign language you take is more important than which language you take. Most students take foreign language in high school to fulfill high school and college requirements. It takes a very long time to master a foreign language, and additional language study after Advanced Placement will be necessary for any student who truly wishes to utilize language skills in the workplace. In short, either language is a great choice!

**COURSE TITLE:** German 1  
**CREDIT:** 1  
**PREREQUISITE:** None  
**STATE COURSE CODE:** 06201A000

**COURSE TITLE:** German 2  
**CREDIT:** 1  
**PREREQUISITE:** German 1 (C or higher)  
**STATE COURSE CODE:** 06202A000

**COURSE TITLE:** German 3  
**CREDIT:** 1  
**PREREQUISITE:** German 1 & 2 (C or higher)  
**STATE COURSE CODE:** 06203A000

**COURSE TITLE:** German 4  
**CREDIT:** 1  
**PREREQUISITE:** German 1 - 3 (C or higher)  
**STATE COURSE CODE:** 06244A000

**COURSE TITLE:** AP German  
**CREDIT:** 1  
**PREREQUISITE:** German 1 - 4  
**STATE COURSE CODE:** 06204A000

This very challenging course will follow the prescribed AP curriculum. The material will provide an in-depth study of the German language through reading, listening, writing, and speaking. Speaking German exclusively in the classroom is a requirement. At the end of the course, students are expected to take the Advanced Placement Examination. Upon satisfactory completion of the exam, students may receive advanced credit, advanced placement, or both at the college to which they have been accepted. AP German may only be taken at a 5th world language course. However, as the need arises, a student may take AP German with the consent of the instructor and department chairperson as an exception to the 5th course requirement if: 1) a student moving in from another district has already completed German 4 or its equivalent or, 2.) any native speaker of the language in the district currently or moving into the district needs to be placed at a level appropriate to his/her abilities.

**COURSE TITLE:** Spanish 1  
**CREDIT:** 1  
**PREREQUISITE:** None  
**STATE COURSE CODE:** 06101A000

**COURSE TITLE:** Spanish 2  
**CREDIT:** 1  
**PREREQUISITE:** Spanish 1 (C or higher)  
**STATE COURSE CODE:** 06102A000

**COURSE TITLE:** Spanish 3  
**CREDIT:** 1  
**PREREQUISITE:** Spanish 1 & 2 (C or higher)  
**STATE COURSE CODE:** 06103A000

**COURSE TITLE:** Spanish 4  
**CREDIT:** 1  
**PREREQUISITE:** Spanish 1 - 3 (C or higher)  
**STATE COURSE CODE:** 06104A000

**COURSE TITLE:** AP Spanish  
**CREDIT:** 1  
**PREREQUISITE:** Spanish 1 – 4  
**STATE COURSE CODE:** 06112A000

This very challenging course will follow the prescribed AP curriculum. The material will provide an in-depth study of the Spanish language through reading, listening, writing, and speaking. Speaking Spanish exclusively in the classroom is a requirement. At the end of the course, students are expected to take the Advanced Placement Examination. Upon satisfactory completion of the exam, students may receive advanced credit, advanced placement, or both at the college to which they have been accepted. AP Spanish may only be taken at a 5th world language course. However, as the need arises, a student may take AP Spanish with the consent of the instructor and department chairperson as an exception to the 5th course requirement if: 1) a student moving in from another district has already completed Spanish 4 or its equivalent or, 2.) any native speaker of the language in the district currently or moving into the district needs to be placed at a level appropriate to his/her abilities.

# HEALTH COURSE

**COURSE TITLE:** Health and Wellness

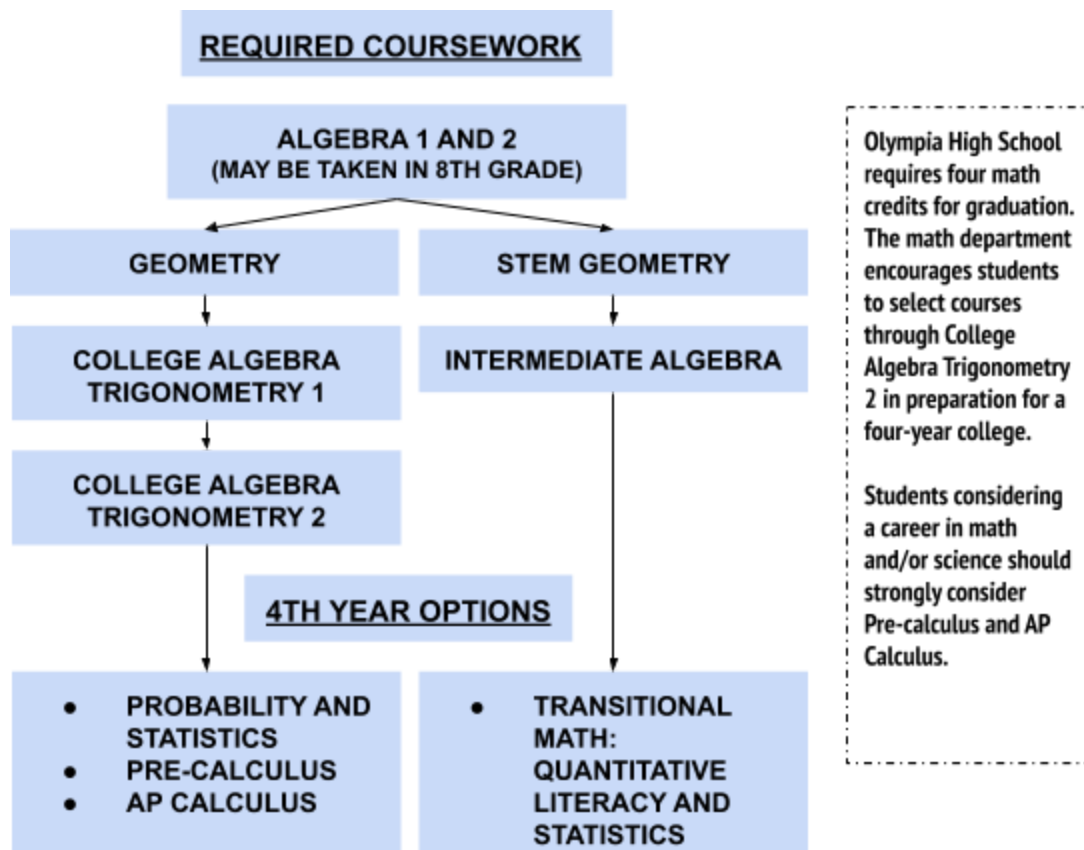
**CREDIT:** 1

**PREREQUISITE:** None

**STATE COURSE CODE:** 08051A000

Health and Wellness is required for graduation. This course will integrate health topics, wellness, and fitness. The following areas of instruction will be included; mental health, stress, the body systems and various diseases that affect the systems, nutrition, human sexuality, non-communicable diseases; cancer, heart disease and diabetes, drugs; tobacco, alcohol, and illegal drugs. Emphasis is placed on the students gaining knowledge necessary to make informed decisions regarding health issues that will impact their lives now, and in the future. Students will spend half of the instruction time in the classroom and half of the instruction time will be spent doing physical activities with an emphasis on setting personal fitness goals in order to improve the student's physical, mental, and emotional states through activities. Instruction regarding on how to properly administer cardiopulmonary resuscitation and how to use an automated external defibrillator shall be included. Students will be provided with many different methods of evaluation including but not limited to participation, projects, research papers, oral reports, and written tests.

# MATHEMATICS COURSES



**COURSE TITLE:** Algebra 1  
**CREDIT:** 1  
**PREREQUISITE:** None  
**STATE COURSE CODE:** 02053A000

Algebra 1 is the first half of a traditional freshman algebra course. This course strengthens the student's understanding of variables and patterns and focuses almost exclusively on linear equations. Students learn to build and integrate graphs, solve equations, and tables in order to interpret and predict outcomes in various real world applications. An introduction to basic Geometry vocabulary will be used to strengthen the Algebra curriculum. A scientific calculator with a 2-line display is required (a TI 30X IIS or TI 34 II S is strongly recommended; a TI 83 Plus or TI-84 Plus graphing calculator is optional and may also be useful in future coursework).

**COURSE TITLE:** Algebra 2  
**CREDIT:** 1  
**PREREQUISITE:** Algebra 1  
**STATE COURSE CODE:** 02054A000

This course is the second half of freshman algebra. Students will learn to solve linear systems and apply strategies learned to solve real world applications. Solving quadratic functions using factoring, graphing, and the quadratic formulas will also be introduced. They will also solve absolute value functions and linear inequalities and their systems. Students will solve radical equations, and simplify rational expressions as well as be introduced to trigonometry and coordinate geometry. A scientific calculator with a 2-line display is required (a TI 30X IIS or TI 34 II S is strongly recommended). A graphing calculator would be helpful (if purchasing a graphing calculator, a TI 83 Plus or TI-84 Plus is recommended).

**COURSE TITLE** STEM Applications in Geometry  
**CREDIT:** 1  
**PREREQUISITE:** Algebra 1, Algebra 2 AND Must Have Teacher Recommendation  
**STATE COURSE CODE:** 02071A000

This course is designed to teach basic concepts in Geometry for those students whose mathematical competency requires greater application. This class will include topics such as: points, lines and planes, parallel and perpendicular lines, properties of triangles and other polygons, transformations, and surface area and volume. Students will engage in the engineering and design process in order to complete various projects that master understanding of geometric concepts. Students should have previous skills in basic algebra and solving linear equations. Students enrolling in this course will take Intermediate Algebra unless otherwise recommended by a teacher.

**COURSE TITLE:** Geometry  
**CREDIT:** 1  
**PREREQUISITE:** Algebra 1 and Algebra 2 (or 8th grade Algebra)  
**STATE COURSE CODE:** 02072A000

Logic plays an important role in math as well as in everyday thinking. Geometry gives the student the chance to exercise logical and sequential thinking in a variety of situations. Developing the logic and strategy of a proof is a skill to be cultivated in Geometry. Triangles and their transformations as well as other polygons and three dimensional figures are studied in depth. Areas, volumes, and other measurements are discussed, accompanied by the many real life applications. Skills from Algebra 1 and 2 are heavily drawn upon during the course. A scientific calculator with a 2-line display is required (a TI 30X IIS or TI 34 II S calculator is strongly recommended).



**COURSE TITLE:** Intermediate Algebra  
**CREDIT:** 1  
**PREREQUISITE:** STEM Applications in Geometry  
**STATE COURSE CODE:** 02056A000

Intermediate Algebra is designed to broaden and expand the concepts of Algebra I and Algebra II. This course covers all the essential topics needed to be successful in college Algebra. This course is designed to enhance skills presented in previous Algebra classes. Topics include linear and quadratic equations. There will be heavy emphasis on factoring, graphing and problem solving skills. Also, the trigonometry concepts presented in Algebra 2 will be expanded upon. A scientific calculator with a 2-line display is required (a TI 30X IIS or TI 34 II S calculator is strongly recommended).

**COURSE TITLE:** College Algebra/Trigonometry 1  
**CREDIT:** 1  
**PREREQUISITE:** Geometry  
**STATE COURSE CODE:** 02056A000

This course will extend and present in more depth many skills and concepts from Algebra 2. Topics include equation solving, factoring, advanced graphing, problem solving, and inequalities. A new concept, complex numbers, will be introduced. Also, the trigonometry concepts presented in Algebra 2 will be expanded upon. College Algebra/Trigonometry 1 is the first half of a traditional second year algebra course. The student will find a graphing calculator essential (a TI 83 Plus or TI-84 Plus calculator is recommended).

**COURSE TITLE:** College Algebra/Trigonometry 2  
**CREDIT:** 1  
**PREREQUISITES:** College Algebra/Trigonometry 1  
**STATE COURSE CODE:** 02106A000

This course completes the traditional second year of algebra and will build on many skills and concepts from College Algebra/Trigonometry 1. The algebra and graphing of functions along with trigonometry are major components of this class. Other new topics are logarithms and conic sections. The student will find a graphing calculator essential (a TI 83 Plus calculator is recommended).

**COURSE TITLE:** Pre Calculus  
**CREDIT:** 1  
**PREREQUISITE:** "C" or better in College Algebra/Trigonometry 2  
**STATE COURSE CODE:** 02110A000

This course is designed to give the student the necessary foundation for the Advanced Placement Calculus course. Topics to be covered will include the study of limits, functions and the role functions play in mathematics and related fields, polar coordinate systems, and parametric systems. The student will find a graphing calculator essential (a TI 83 Plus is recommended).

**COURSE TITLE:** Advanced Placement Calculus (AP Calculus)

**CREDIT:** 1

**PREREQUISITE:** "C" or better in Precalculus

**STATE COURSE CODE:** 02124A000

Topics to be covered will include the typical ones found in a college freshman course; differentiation, integration, area under a curve and application problems. The student will find a graphing calculator essential (a TI 83 Plus calculator is recommended). All students will take the AP test at the completion of this course.

**COURSE TITLE:** Probability and Statistics

**CREDIT:** 1

**PREREQUISITE:** College Algebra/Trigonometry 2

**STATE COURSE CODE:** 02201A000

Statistics and probability are the tools music publishers use to determine how to market a new CD, agricultural scientists use to learn which hybrids are disease resistant, and sociologists and politicians use to debate the causes and remedies for poverty, crime, and illiteracy. This course is intended for students who are interested in pursuing a career in business, the social sciences, math or science, or education: any career which relies upon the acquisition and interpretation of data. Topics include gathering and reporting data, sampling, testing, and binomial and normal distributions. In addition, students will learn probability theory such as independent and successive events, as well as other topics in discrete math. The student will find a graphing calculator essential. A TI-83+ is required.

**Optional:** Students may request to sit for the AP Statistics exam upon recommendation by the teacher.

**COURSE TITLE:** Transitional Math: Quantitative Literacy and Statistics

**CREDIT:** 1

**PREREQUISITE:** Teacher Recommendation

**STATE COURSE CODE:** 02201A001

Math course framework designed to prepare and transition students directly into college and career pathways requiring general education college level math competencies in quantitative literacy and statistics. The competencies within each domain should include but are not limited to: numeracy (operation sense, estimation, measurement, quantitative reasoning, basic statistics, and mathematical summaries), application based algebraic topics, and functions and modeling. Upon completion students should be able to demonstrate proficiency and understanding in basic numeracy competencies in whole numbers, integers, fractions, and decimals, use estimation and explain/justify estimates, apply quantitative reasoning to solve problems involving quantities or rates, use mathematical summaries of data such as mean, median, and mode, use and apply algebraic reasoning as one of multiple problem-solving tools, and use functions and modeling processes. Course to be delivered through authentic application, problem-based instruction designed to build mathematical conceptual understanding and critical thinking skills. A scientific calculator is required, a TI 30X or TI 34S is strongly recommended.

# MUSIC COURSES

The Music Department at Olympia offers two courses in the music area: Band and Chorus. Both courses are elective courses and give students the opportunities to perform in a wide variety of settings and the study of different styles of music.

**COURSE TITLE:** Chorus (must be taken for both semesters)

**CREDIT:** 1

**PREREQUISITE:** None

**STATE COURSE CODE:** 05110A000

During the first semester, students will learn the beginning basics of 4 part singing and sight reading. Performances include a Fall Concert and preparations are made for a Formal Concert. Opportunities for participation in IMEA at the District and State Levels are offered. During this semester, auditions are held for the Chamber Choir, which performs the Madrigal Dinner. During this course, the choir will perform accompanied and acapella music. Aside from the traditional choral setting, you will be exposed to music theory, music history, and listen to recorded performances.

During the second semester, students will continue 4 part singing and sight reading. Performances include the Formal Concert, Pops Concert, Jazz Concert, Spring Concert, IHSA Organizational Contest and Baccalaureate. Opportunities for participation in IHSA Solo and Ensemble Contest are offered. During this semester, auditions are held for the Show Choir and Spring Musical. Opportunities to perform in smaller ensemble settings will be available.

**COURSE TITLE:** Band (must be taken for both semesters)

**CREDIT:** 1

**PREREQUISITE:** None

**STATE COURSE CODE:** 05101A000

1st Semester Marching Band, Concert Band, Chamber Ensembles, Pep Band

In this course, students will learn the beginning basics of marching. Students work on a competitive show during the months of September and October. Students will compete in 5 or 6 Field Show Competitions. A marching band camp is held in July to learn the competitive show for the fall. After marching band is over (late October), the students begin to participate inside for concert band. The fall concert band performs at one concert. Small ensembles of students will be chosen for the Madrigal Brass, Madrigal Percussion, and Madrigal Woodwinds to perform at the Madrigal Dinner. Students not involved in Madrigal Ensembles will be placed into chamber ensembles made of 4-5 students and prepare music specific to their group. Preparation begins for the Pep Band that performs at home games throughout the season. Select students will have the opportunity to audition for the ILMEA District Honors Band as well as be nominated for the Bradley University Freshman/Sophomore Honor Band. While there is not a prerequisite for this course, students that have little to no music/band experience and are wishing to join are encouraged to speak with the director prior to registering for the class.

2nd Semester Concert Band, Chamber Ensembles, Pep Band

In this semester, students will continue a concert band setting. The spring concert band performs at two concerts, IHSA Organizational Contest, concert band festivals, and Graduation. Every student in the band will be placed into a chamber ensemble of 4-5 students and will be assigned music specific to their group. These groups and interested band students will have the opportunity to perform at IHSA Solo and Ensemble Contest. Pep Band preparation will continue through the rest of the basketball season. Students who were selected for the ILMEA District Honors Band who are a junior or senior may also be eligible to participate at the All State level. Select juniors and seniors will have the opportunity to be nominated for the Bradley University Junior/Senior Honor Band. While there is not a prerequisite for this course, students that have little to no music/band experience and are wishing to join are encouraged to speak with the director prior to registering for the class.

# PHYSICAL EDUCATION COURSES

3 credits of Physical Education (PE) are required (minimum) for graduation. Health and Wellness accounts for one of these courses.

**COURSE TITLE:** Physical Education – Wellness  
**CREDIT:** 1  
**PREREQUISITE:** None  
**STATE COURSE CODE:** 58001A000

Team sports, net games, lifelong activities are possible activities you will participate in while in a wellness PE class. Swimming is a part of this curriculum, as well as a strong fitness component. Written and skill tests will be given related to the activity, swimming, and fitness.

**COURSE TITLE:** Strength and Conditioning  
**CREDIT:** 1  
**PREREQUISITE:** None  
**STATE COURSE CODE:** 58005A000

The focus of this course will be the weight room. Additional conditioning activities will also occur on a regular basis. This class is designed to help an athlete get stronger but is not necessarily for athletes only; anyone who would like to get stronger and in better “shape” should take this course. A section of this course may be offered as an Early Bird option before the start of the school day.

**COURSE TITLE:** Driver Education/PE  
**CREDIT:** 1  
**PREREQUISITE:** See listed items (below)  
**STATE COURSE CODE:** 18151A000

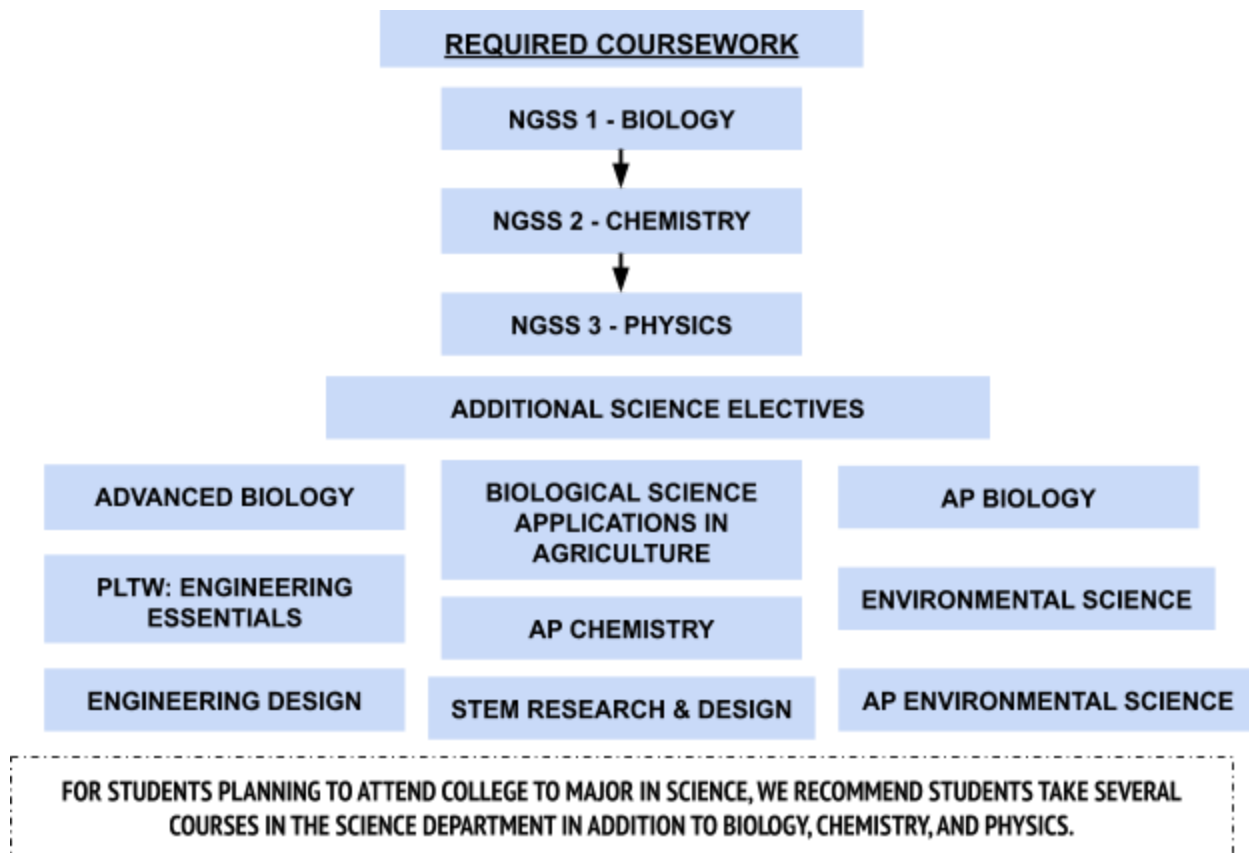
The classroom phase for this course is required for a 9 week period for students. The students are enrolled by age into the class and BTW (Behind The Wheel) Training. The BTW part of the course will be concluded by the end of the following semester in which they are enrolled. Students will continue in a physical education class to finish the semester.

## **To Be Eligible for Driver Education:**

1. All students enrolled in the course must have passed 8 academic classes during the previous two semesters.
2. Students must be at least 15 years of age when they commence the course in order to enroll.
3. For JR/SR students – if the above conditions are not met, a waiver from the Superintendent is required, upon the recommendation of the High School Principal

# SCIENCE COURSES

Courses in science at Olympia are designed to give students a broad, yet in-depth background in all core areas of science. Students must attain 3 science credits to graduate from Olympia High School. They should start their science course sequence as soon as they enter high school and should take at least one science class each year to become college and career ready. Course work is available for students entering the job market after graduation, attending a 2-year college or technical school, and for students who plan on attending a 4-year college or university.



**COURSE TITLE:** NGSS 1 - Biology

**CREDIT:** 1 (Required)

**PREREQUISITE:** NONE

**STATE COURSE CODE:** 03051A000

Biology is a course designed to develop an understanding of how all areas of science are involved in students' lives. Students will study biochemistry, cells, genetics, and natural selection/biodiversity. Students will investigate scientific problems that involve all science areas including chemistry, physics, life science, earth and space and engineering sciences. Emphasis will be given to the development of scientific and engineering practices that help scientists investigate problems. Biology is required to meet graduation requirements in science.

**COURSE TITLE:** NGSS 2 - Chemistry

**CREDIT:** 1

**PREREQUISITES:** Biology and Algebra

**STATE COURSE CODE:** 03101A000

Chemistry is designed for all students to explore the chemical nature of matter. Students will learn how substances interact with each other and how various physical conditions like equilibrium, physical state, temperature and pressure can affect how substances interact. Considerable attention will be given to laboratory investigations and real-life applications of chemistry knowledge.

**COURSE TITLE:** NGSS 3 - Physics/NGSS 3 - Conceptual Physics (Teacher Recommendation)

**CREDIT:** 1

**PREREQUISITES:** Chemistry and concurrent enrollment in College Algebra Trig 1

**STATE COURSE CODE:** 03151A000

Physics is the study of how matter and energy are related. Students in Physics investigate the motion of objects, the forces causing the motion, and how energy and momentum affect that motion. Considerable emphasis is placed on laboratory investigations and the mathematical analysis of these relationships. Also different forms of energy such as light, heat, sound, and electrical energies are investigated.

**COURSE TITLE:** PLTW: Engineering Essentials

**CREDIT:** 1

**PREREQUISITE:** None

**STATE COURSE CODE:** 21004A001

This course is designed to be a high school student's first exposure to the PLTW Engineering Program. Students will explore the work of engineers and their role in design and development of solutions to real-world problems. The course introduces students to engineering concepts that are applicable across multiple engineering disciplines and empowers them to build technical skills through the use of a variety of engineering tools, such as geographic information systems (GIS), 3-D solid modeling software, and prototyping equipment. Students learn and apply the engineering design process to develop mechanical, electronic, process, and logistical solutions to relevant problems across a variety of industry sectors, including health care, public service, and product development and manufacturing.

**COURSE TITLE:** Engineering Design

**CREDIT:** 1

**PREREQUISITE:** Biology, JR/SR Status

**STATE COURSE CODE:** 21001A002

Engineering Design emphasizes hands-on learning through a series of real-world engineering design challenges. This course is designed to engage students that are interested in the operation and design of complex systems. In this course, engineering scope, content, and professional practice are presented through practical applications. Students in engineering teams will apply technology, science, and mathematical concepts and skills to solve engineering design problems and create innovative designs. Students will research, develop, test, and analyze engineering designs using criteria such as design effectiveness, public safety, human factors, and ethics. Students who plan on entering a field which utilizes physical science and/or engineering practice should take Engineering Design. This class is for juniors and seniors only unless the instructor provides written permission.



**COURSE TITLE:** Biological Science Applications in Agriculture (BSAA)  
**CREDIT:** 1  
**PREREQUISITE:** C or better in two science classes and Algebra 1 or JR/SR status  
**STATE COURSE CODE:** 18051A000

BSAA is a course that reinforces and extends students' understanding of science and the scientific process by associating scientific principles and concepts with relevant applications in agriculture. Students will examine specific agricultural applications and processes and the underlying science principles explaining or controlling those applications. This course will use numerous laboratory exercises and experiments as the major tool of instruction. Topics of instruction will include the major phases of plant growth and management in agriculture, the specific biological science concepts that govern management decisions, genetics, biotechnology, growth, development, reproduction, agriculture, and processing of animal products. Students will conduct a long-term research project and spend time in the greenhouse. The development of communication and leadership skills is reinforced by student involvement in Supervised Agricultural Experience Programs and FFA activities. Agriculture students can take this course to meet their FFA membership requirements while earning science credit.

**COURSE TITLE:** Environmental Science  
**CREDIT:** 1  
**PREREQUISITES:** Biology and SOPH/JR/SR/ Status or Teacher Recommendation  
**STATE COURSE CODE:** 18504A001

Environmental Science explores the broad areas of environmental issues including ecosystems, biodiversity, animals, plant growth and development, pollution, human impact, and sustainability. Students will conduct a long term research project and will spend time in the greenhouse. This course will be of particular interest to people who are planning to attend a junior college or technical school and who are interested in life, earth, or agricultural careers. This class is for juniors and seniors only unless the instructor provides written permission. With teacher permission, students may study the AP Environmental Science curriculum and conduct a long-term research project, which may allow students to take the AP Environmental Science test to earn college credit.

**COURSE TITLE:** AP Environmental Science  
**CREDIT:** 1  
**PREREQUISITE:** Biology and SOPH/JR/SR/ Status or Teacher Recommendation  
**STATE COURSE CODE:** 03106A000

The goal of the Advanced Placement Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary; it embraces a wide variety of topics from different areas of study. Yet there are several major unifying constructs, or themes, that cut across the many topics included in the study of environmental science.

**COURSE TITLE:** AP Chemistry  
**CREDIT:** 1  
**PREREQUISITE:** "C" or better in Chemistry  
**STATE COURSE CODE:** 03106A000

This Advanced Placement Chemistry course is designed to be the equivalent of the general chemistry course usually taken during the first year of college. For most students, the course enables them to undertake, as a freshman, second year work in the chemistry sequence at their institution or to register in courses in other fields where general chemistry is a prerequisite. This course is structured around the six big ideas articulated in the AP Chemistry curriculum framework provided by the College Board. Topics that will be covered include structure of matter, properties of matter, chemical reactions, and rates of chemical reactions, thermodynamics, and equilibrium. A special emphasis will be placed on the scientific and engineering practices, which capture important aspects of the work that scientists engage in, with learning objectives that combine content with inquiry and reasoning skills. AP Chemistry is open to all students that have successfully completed 'Chemistry' who wish to take part in a rigorous and academically challenging course.

**COURSE TITLE:** Advanced Biology  
**CREDIT:** 1  
**PREREQUISITE:** Chemistry  
**STATE COURSE CODE:** 03052A000

Advanced Biology is intended for students who plan on studying biological sciences in college or are interested in learning more about life science. Certain core topics such as human anatomy and physiology, botany, ecology, and biodiversity will be incorporated with student-selected topics for study. This class will be student-centered and will give students opportunities to investigate areas in which they are particularly interested. Chemistry is highly suggested as a prerequisite.

**COURSE TITLE:** AP Biology  
**CREDIT:** 1  
**PREREQUISITE:** Advanced Biology  
**STATE COURSE CODE:** 03056A000

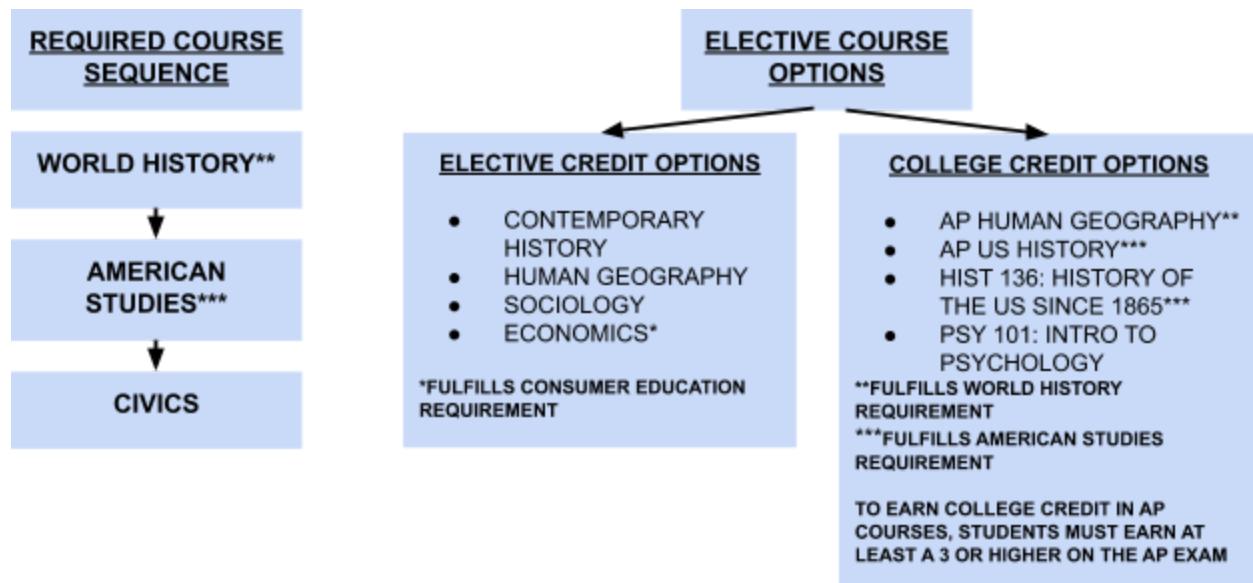
Advanced Placement Biology is a course designed to prepare students for the Advancement Placement test in Biology in the spring and for further Biology courses in college. The class will cover biochemistry, cells, genetics, and biodiversity. It is intended for students who are planning on attending a four-year university and studying science or other advanced topics. AP Biology will involve laboratory investigations as well as textbook and research work.

**COURSE TITLE:** STEM Research and Design  
**CREDIT:** 1  
**PREREQUISITE:** 3 science credits, JR/SR status  
**COURSE CODE:** 03212A000

Course Description: STEM Research and Design is intended for the motivated, creative, and inquisitive science student. The class will provide interested students with an opportunity to acquire skills and concepts inherent in research in the areas of Science – Technology – Engineering – and Mathematics. In Scientific Research and Design courses, students conceive of, design, and complete an original project using scientific inquiry and experimentation methodologies. Emphasis is typically placed on safety issues, research protocols, controlling or manipulating variables, data analysis, and a coherent display of the project and its outcome(s). Students will practice scientific thinking and learn scientific processes, which may advance the student in their educational and career goals.

# SOCIAL STUDIES COURSES

The Social Studies Department offers a broad variety of course offerings attempting to touch on all of the disciplines of the social sciences. Three credits are needed for graduation from Olympia High School; students planning on attending college are especially encouraged to take a minimum of four credits. The Social Studies Department offers a broad variety of course offerings attempting to touch on all of the disciplines of the social sciences.



**COURSE TITLE:** Human Geography  
**CREDIT:** 1  
**PREREQUISITE:** FR/SO Status  
**STATE COURSE CODE:** 04062A000

Human geography is the study of where people are located on Earth's surface and the relationships between groups and their environments. There will be a strong emphasis on student-centered activities and the development of students' abilities to utilize the tools of geography.

**COURSE TITLE:** World History  
**CREDIT:** 1 (Required\*\*)  
**PREREQUISITE:** SO Status or Teacher Recommendation  
**STATE COURSE CODE** 04053A000

This course will examine man's experiences on Earth by looking at selected topics throughout history. The major ideas and developments will be studied in terms of their continuing importance in today's world. Studied topics may include the following: Renaissance and Reformation, Revolution, Nationalism, and the Cold War. \*\*Students may opt to enroll in AP Human Geography in place of World History.

**COURSE TITLE:** American Studies  
**CREDIT:** 1 (Required)  
**PREREQUISITE:** World History and JR/SR status  
**STATE COURSE CODE:** 04101A000

American Studies is a survey course dealing with the historical development of the economic, social, and political institutions of our country. The course will focus on selected themes of American History from Colonial America through the Cold War and Civil Rights Movement. This course will connect events to modern day issues affecting the United States.

**COURSE TITLE:** Civics  
**CREDIT:** 1 (Required)  
**PREREQUISITE:** American Studies and SR status  
**STATE COURSE CODE:** 04151A000

This course will focus on the structure and operations of government institutions, the discussion of current and controversial issues and simulations of the democratic process. Topics may include comparative government systems, the electoral process, and functions of political parties. The course stresses the impact of government on the life of every American and strives to make informed citizens of the students. In addition to the one required OHS credit, successful completion of a Constitution test in this course will also fulfill a State-mandated graduation requirement.

**COURSE TITLE:** Contemporary U.S. History  
**CREDIT:** 1  
**PREREQUISITE:** World History and JR/SR Status  
**STATE COURSE CODE:** 04103A000

This course will examine changes in the United States after WWII through modern day. Topics will include the Cold War, civil rights and other social reforms, political and electoral history, domestic and foreign policies and 'landmark' events. The course will give attention to both unique events and ongoing themes that will impact Americans today.

**COURSE TITLE:** Sociology  
**CREDIT:** 1  
**PREREQUISITE:** JR/SR status  
**STATE COURSE CODE:** 04258A000

This course examines the way people interact with one another. This course focuses on relationships within groups, such as your class; relationships in social institutions, such as your school; and the organization of societies, such as your own American society. Social problems such as poverty, crime, discrimination, and aging are discussed in terms of their causes and consequences.

**COURSE TITLE:** AP United States History  
**CREDITS:** 1  
**PREREQUISITE:** World History and JR/SR status  
**STATE COURSE CODE:** 04104A000

This Advanced Placement course is designed to provide students with analytical skills and factual knowledge necessary to deal critically with the problems and materials in United States history. It prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by introductory college courses. The course covers the materials from the Age of Exploration to the present. Successful completion of this class also fulfills the American Studies requirement. Students desiring the weighted GPA credit must take the A.P. U.S. History test given in May.

**COURSE TITLE:** AP Human Geography  
**CREDITS:** 1  
**PREREQUISITE:** SO Status or Teacher Recommendation  
**STATE COURSE CODE:** 04004A000

This Advanced Placement course is designed to meet or exceed the experience of an introductory one-semester college human geography course. The purpose of the course is to utilize geographic processes to systematically study and understand spatial patterns that are evident in the world in which we live. Students desiring the weighted GPA credit must take the A.P. Human Geography test given in May.

**COURSE TITLE:** HIST 136: History of the US since 1865 - Dual Credit with Heartland  
**CREDITS:** 1  
**PREREQUISITE:** JR/SR Status, Heartland enrollment and required prerequisite  
**STATE COURSE CODE:** 04103A000

This course covers the major political, social, economic and diplomatic trends that have shaped the United States from the end of the Civil War to the present. Successful completion of this class also fulfills the American Studies requirement. IAI Course Code: S2 901 (3 College Credit Hours)

**COURSE TITLE:** PSY 101: Introduction to Psychology – Dual Credit through Heartland  
**CREDIT:** 1  
**PREREQUISITE:** JR/SR status, Heartland enrollment and required prerequisite  
**STATE COURSE CODE:** 04254A000

This course provides an introduction to psychology as the scientific study of human and animal behavior with an emphasis on the determinants of human functioning. This course also focuses on how we may use the principles of physical and emotional/cognitive growth, learning, personality functioning and coping, and social interactions in our everyday lives. IAI Course Code: S6 900 (3 College Credit Hours)

**COURSE TITLE:** Economics  
**CREDIT:** 1  
**PREREQUISITE:** JR/SR STATUS  
**STATE COURSE CODE:** 04201A000

This elective course will introduce students to the principles of economics that apply to the individual consumer or small business owner and to the larger global economy. The course will develop students' familiarity with economic performance measures, the financial sector, stabilization policies, and economic growth. The primary objective of the course is to aid students in becoming responsible economic decision makers as employees, employers, investors, and consumers in the American economy. \*This course meets the State's Consumer Education requirement.

## STEM COURSES

**COURSE TITLE:** Intro to STEM Applications  
**CREDIT:** 1  
**PREREQUISITE:** None  
**STATE COURSE CODE:** 21002A000

This course exposes students to mechanics, power, technology, and career options in the world of STEM. Students will have experiences in various mechanical and engineering concepts with exciting hands-on activities, projects, and problems. Student's experiences will involve the study of energy, tool operation and safety, material properties, machine operation, and structural components. Students will acquire the basic skills to operate, repair, engineer, and design tools and equipment. Students will investigate, experiment, and learn about documenting a project, solving problems, and communicating their solutions to their peers and members of the professional community.

# SPECIAL EDUCATION COURSES

These programs are available only for students who are eligible for Special Education services, according to state criteria. Courses are offered to meet the individual needs of students in English, Math, Science, Social Studies, Vocational Education, and Transitional Skills. Each student's program is developed at a multidisciplinary conference involving the student, parents, and appropriate staff. Placement is based on the student's Individual Education Plan.

**COURSE TITLE:** English 1

**CREDIT:** 1 (required)

In the first required English course, instruction will focus on improving writing and reading skills to ensure high school success. Reading, listening and speaking skills will be integrated into the class. Students will explore traditional literature and modern text to increase reading comprehension. A variety of texts will be used to consider perspective and maturity, as well as the growth of ideas. Literature may include *Romeo and Juliet* and *To Kill a Mockingbird*. Writing skills will emphasize communicating ideas clearly and effectively.

The first required English course is designed to focus on improving writing and reading skills to ensure high school success. Reading, listening and speaking skills will be integrated into the class. Students will explore traditional literature and modern text to increase reading comprehension. A variety of texts will be used to consider perspective and maturity, as well as the growth of ideas.

**COURSE TITLE:** English 2

**CREDIT:** 1 (required)

This course fulfills the English 2 requirement and emphasizes improving reading, writing, and speaking skills. Students will explore traditional literature and modern text to increase reading comprehension. Assignments will focus on critical analysis, expository, augmentation style, and the importance of research in writing. The course will include a survey of American Literature, including short stories, non-fiction, drama, selected novels, and essays.

The second required English course is designed instruction will focus on improving deeper writing and reading skills to ensure high school success. Reading, listening and speaking skills will be integrated into the class. Students will explore traditional literature and modern text to increase reading comprehension. A variety of texts will be used to consider perspective and maturity, as well as the growth of ideas. The course will include a survey of literature, including short stories, non-fiction, drama, selected novels, and essays.



**COURSE TITLE:** English 3  
**CREDIT:** 1 (required)

English 3 is a required course that incorporates reading, writing, listening and speaking components. It is designed to further prepare students for the mandated assessments. Assignments will focus on critical analysis, research, and information/exploration, and augmentation. Students may examine a variety of genres, including short story, poetry, drama, oratories, letters, diaries, journals, and songs. Students will focus the importance and content of American fiction and nonfiction pieces, such as *The Crucible*.

The third required English course is designed instruction will focus on improving thorough writing and reading skills to ensure high school success. Reading, listening and speaking skills will be integrated into the class. Students will explore traditional literature and modern text to increase reading comprehension. A variety of texts will be used to consider perspective and maturity, as well as the growth of ideas. Students may examine a variety of genres, including short story, poetry, drama, oratories, letters, diaries, journals, and songs. Students will focus on the importance and content of American fiction and nonfiction pieces.

**COURSE TITLE:** English 4  
**CREDIT:** 1 (required)

This course fulfills the fourth English credit requirement and is designed with a career emphasis. Assignments focus on developing and enhancing reading, writing, speaking and listening skills which students will use throughout their lives. The course includes contemporary literature relating to real life experiences. The class will emphasize the elements of reading literature and nonfiction while developing analytical thinking skills and writing. A variety of writing assignments and projects will emphasize augmentation, explanation/information, and narration.

The fourth required English course is designed instruction will focus on improving in-depth writing and reading skills to ensure high school success. Reading, listening and speaking skills will be integrated into the class. Students will explore traditional literature and modern text to increase reading comprehension. A variety of texts will be used to consider perspective and maturity, as well as the growth of ideas.

**COURSE TITLE:** Algebra 1  
**CREDIT:** 1 (required)

This course is the second part of the Pre-Algebra/Algebra 1 sequence. Algebra 1 covers the first half of a traditional freshman algebra course. This course strengthens the student's understanding of variables and patterns. Students will practice basic arithmetic operations with whole numbers, integers, decimals, and fractions; solve simple linear equations, the real number system, graphing, functions, polynomials and inequalities. This course fulfills a credit toward the OHS math requirement.

**COURSE TITLE:** Algebra 2

**CREDIT:** 1 (required)

This course is the completion of the first year of freshman algebra. This course fulfills a credit toward the OHS math requirement.

**COURSE TITLE:** Applied Geometry

**CREDIT:** 1 (required)

This course covers the basics of geometry. This class will include topics such as: points, lines and planes, parallel and perpendicular lines, properties of triangles and other polynomials, and surface area and volume. Students should have previous skills in basic algebra and solving linear equations. This is not a college preparatory course.

**COURSE TITLE:** Intermediate Algebra

**CREDIT:** 1

This course is designed to broaden and expand the concepts of Algebra I and Algebra II. This course covers all the essential topics needed to be successful in various Algebra topics. This course is designed to enhance skills presented in previous Algebra classes.

**COURSE TITLE:** Personal Finance

**CREDIT:** 1 (required)

Personal Finance courses provide students with an understanding of the concepts and principles involved in managing one's personal finances. These courses emphasize lifespan goal-setting, individual and family decision making, and consumer rights as well as topics that are commonly associated with personal finance so that one can become a financially responsible consumer. Topics may include savings and investing, credit, insurance, taxes and social security, spending patterns and budget planning, contracts, and consumer protection. These courses may also investigate the effects of the global economy on consumers and the family.

**COURSE TITLE:** Unified PE

**CREDIT:** 1 (required)

Inclusion of special education students with general education peers is the foundation of this adapted PE course. Students who receive special education services are paired with a general education buddy to promote friendship, social skills, as well as the development, and engagement of a practical, healthy lifestyle beyond high school. This course is open to both students who receive special education services, and general education students who demonstrate a strong sense of compassion, empathy, and leadership skills. Typically, students who receive special education services are involved with Special Olympics outside of this course. Therefore, a large portion of the curriculum is focused on the development, and strengthening of individual skills related to Special Olympic athletic opportunities as well.

**COURSE TITLE:** Secondary Transitional Experience Program

**CREDIT:** 1 (per semester of enrollment)

The STEP program is a full year program, but can also be entered at mid term with the permission of the dean of students and the vocational coordinator. The purpose of this class is to provide valuable supervised work experience. A student may apply by communicating with the special needs teacher and the vocational coordinator. This course is for 10th, 11th, and 12th grade students.

**COURSE TITLE:** Occupational Orientation

**CREDIT:** 1

This course is designed to introduce students to the world of work. It focuses on key work skills essential to the beginning worker such as attitude, communication skills, getting along with others, attendance, accepting orders, following directions, and handling the public. Emphasis will be placed on teaching the students to learn about themselves and to design plans to improve their own work ethic before entering the workplace.

**COURSE TITLE:** World History

**CREDIT:** 1 (required)

This course fulfills one credit towards the social studies' requirement. The class is an overview of man's experience on Earth. The students will study selected topics throughout history. There will be an emphasis on the major ideas and developments from each period in relationship to its continuing importance in today's world. Class topics include Prehistory, Classical Greece and Rome, Renaissance and Reformation, Revolution, and Nationalism. The class will also include instruction on geography and economics.

**COURSE TITLE:** American Studies

**CREDIT:** 1 (required)

American Studies is a survey course dealing with the historical development of our country. The course will focus on history from 1860 to modern times. Current events will highlight concepts covered in class. This course is required of all juniors and fulfills one credit toward the social studies' requirement.

**COURSE TITLE:** Civics

**CREDIT:** 1 (required)

In this course, students who receive special education services will learn the basics of what it means to be an American citizen. Students will learn about disability laws, and the impact the laws will have in their life outside of high school. Students will explore their rights, and responsibilities as it applies to their daily life. By the end of the course, students who meet the state requirements will register to vote.

**COURSE TITLE:** Integrated Science (Level I, II, and III)

**CREDIT:** 1 Credit Per Level (required)

The specific content of Integrated Science courses varies, but they draw upon the principles of several scientific specialties—earth science, physical science, biology, and chemistry—and organize the material around thematic units. Common themes covered include systems, models, energy, patterns, change, and constancy. These courses use appropriate aspects from each specialty to investigate applications of the theme.

**COURSE TITLE:** Learning Strategies

**CREDIT:** 1

In this course, students will learn various strategies to cope with current and future classes. Strategies such as reading comprehension, word identification, paraphrasing, self-questioning, interpreting visuals, multiples, using mnemonics, memory aids, listening and note-taking, paragraph writing, editing, assignment completing, and test-taking. Students will have an opportunity to apply the strategies to their mainstreamed classes. Students will spend a portion of their class working on individual goals from their IEPs.

**COURSE TITLE:** Life Skills

**CREDIT:** 1

Life Skills courses provide students with information about a wide range of subjects to assist them in becoming wise consumers and productive adults. These courses often emphasize process skills, including goal-setting, decision making, and other topics such as the setting of priorities, money and time management, interpersonal relationships, and the development of the self. Additionally, specific topics such as wellness, selecting and furnishing houses, meeting transportation needs, nutrition, preparing food, selecting clothing and building a wardrobe, insurance, taxation, and consumer protection may also be covered. Students will spend a portion of their class working on individual goals from their IEPs.

**COURSE TITLE:** Personalized Career Skills

**CREDIT:** 1

To prepare students for life after high school, specifically for college and the workforce with a focus on computer based skills. This course includes the review and development of skills necessary for life; these skills include, but are not limited to: presentation creation, spreadsheet management, resume building, and various types of written communication. The course will utilize Microsoft Office products as well as Google products to teach the aforementioned skills. Students will also access Naviance software in order to plan for career and college future needs.

# OFF CAMPUS COURSES

## BLOOMINGTON AREA CAREER CENTER COURSES

**CREDIT:** 2 per Semester

**PREREQUISITE:** See information below.

The Olympia School District is a member of the Bloomington Area Career Center. This school offers courses that are not available here at Olympia High School. This vocational program is available to juniors and seniors. The high school principal must approve all schedules of students enrolling in these courses.

Complete descriptions of Area Career Center courses are available from the counselors or at [BACC Curriculum Guide](#).

Courses in which students may enroll are:

**Automotive Technology I & II**

**Barbering I & II**

**Computer Technology & Networking I & II**

**Construction I & II**

**Cosmetology I & II**

**Criminal Justice and Law Enforcement I & II**

**Culinary Arts I & II**

**EMT Basic (Seniors only)**

**Fire Science**

**Graphic Design and Video Production I & II**

**Health Careers & Medical Technology**

**Laborer's Training**

**Nurse Assistant (CNA) I & Advanced CNA**

**Robotics & Engineering**

**Welding I & II**

Several factors will be considered when considering student requests to attend the BACC. The following items will be used to determine student's placement in this program:

- A. Students' prior attendance and academic record.
- B. Students' behavioral record.
- C. Students' level of interest in their selected field.

Students will be required to maintain at least a "C" average in their BACC Program in order to continue in the program the subsequent semester. Students who do not meet the "C" average requirement will return to a full schedule of classes at OHS the following semester. Students enrolling in BACC are making a commitment to the program and are not eligible for early graduation.

**COURSE TITLE:** Internship  
**CREDIT:** 1  
**PREREQUISITE:** JR/SR status and application acceptance

The Internship Program is designed for career exploration that benefits the student and will be tailored to meet the unique needs and interests of the learner. The student will participate in a workplace experience while interning with a mentor in a business/organization, which is reflective of the student's career interest, while observing workplace functions and investigating the requirements of a specific career field. Essential career skills will be correlated with soft skills and academic skills in a project-based format. The student will be released from school to intern with their mentor in an unpaid position with a business/organization for 70 hours per semester. Students will be required to meet weekly with their internship teacher and complete required reflective assignments. Internship teacher meetings will assist the student in making connections between academic learning and workplace experiences.

**COURSE TITLE:** CEO: Creating Entrepreneurial Opportunities  
**CREDIT:** 1 each semester  
**PREREQUISITE:** Application - Offered through Lincoln Technical Education Center  
**STATE COURSE CODE:** 12053A001

CEO acquaints students with the knowledge and skills necessary to own and operate their own businesses. Topics from several fields typically form the course content: economics, marketing principles, human relations and psychology, business and labor law, legal rights and responsibilities of ownership, business and financial planning, finance and accounting, and communication. For more information, visit <https://www.landoflincolnceo.com/>

**COURSE TITLE:** Dual Enrollment through Heartland Community College  
**CREDIT:** 2 each semester  
**PREREQUISITE:** JR/SR status and application approval

Students wishing to pursue a career pathway including coursework not offered through Olympia High School can apply to enroll in dual enrollment coursework. Students are required to provide their own transportation and are responsible for all course fees. Approval is required prior to enrollment in any alternative coursework. Students will need to complete a dual enrollment application through the counseling office. Deadlines for the application need to be followed to approve any dual enrollment offerings.