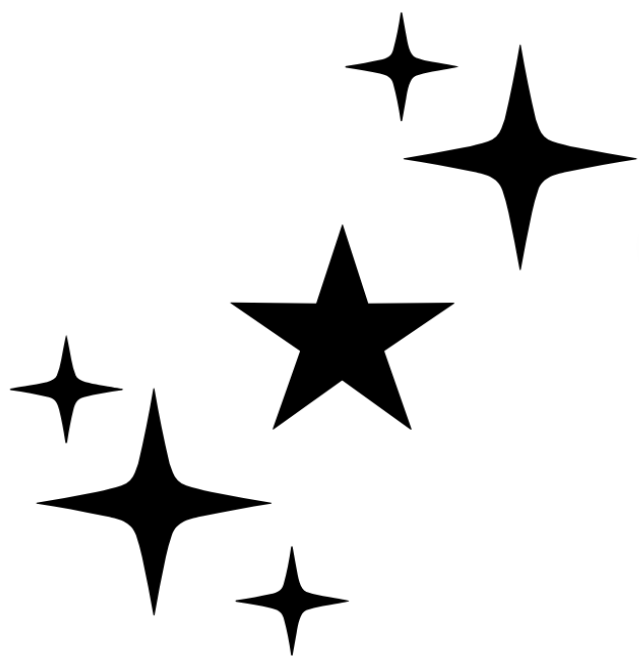


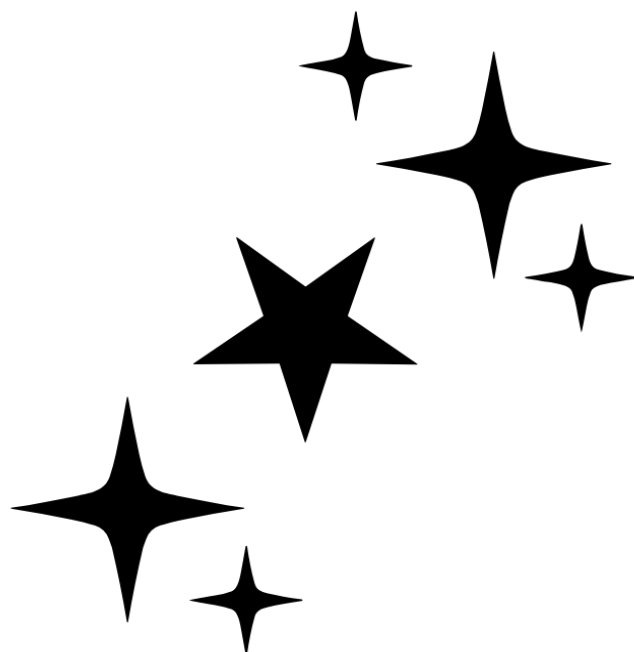


WESTERN HIGH SCHOOL

2026-2027



COURSE DESCRIPTION GUIDE



WESTERN HIGH SCHOOL

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SCHOOL COUNSELING SERVICES

The school counseling program is an integral part of the total education program. Based on individual, family, school, and community needs; the school counseling program is delivered through the guidance and counseling curriculum, individual planning system, responsive services, and system support.

School counseling services are available in grades 9-12. There is one full time school counselor at Western High School to assist students with their academic, career, and personal interests. The counselor is available to work with students on personal/social-emotional or school-related problems and also advise students on high school graduation requirements and college and career planning. Each student is encouraged to visit with the school counselor. In addition to school counseling services, Western High School has a school social worker and a SEAS Interventionist. The SEAS Interventionist works with students on social-emotional and academic support.

Beginning with your freshman year, high school is a time of building your record of grades, attendance and extra-curricular activities that will be examined by colleges, trade/technical schools, and future employers to make decisions affecting students' lives after high school.

The major objective for each student is following the career path that best fits his or her interests and abilities. With the use of a four year plan, the student will take classes from their chosen career path that will enable them to graduate from Western High School and to find a job or to pursue further education in their career area.

GRADUATION REQUIREMENTS

To graduate from Western High School, unless otherwise exempted, each student must:

- Complete all district and state graduation requirements,
- Pass an examination on patriotism and principles of representative government, proper use of the flag, methods of voting, and the Pledge of Allegiance,
- Take designated state testing,
- Earn 20 hours of community service, with 5 hours completed by the end of each school year.

General Guidelines:

- High school credit accumulation begins in the 9th grade year.
- A student must take five classes each term to be a student at WHS.
- A student must have all school bills and accounts paid in full.
- A student must purchase a district-approved cap and gown.
- A student must meet all graduation requirements in order to participate in the graduation ceremony.

The above requirements may not apply to students with disabilities whose course of study is determined by an Individualized Education Program.

WESTERN HIGH SCHOOL GRADUATION REQUIREMENTS

ENGLISH	4 CREDITS
<i>1 Credit of English 9, English 10, English 11, & 1 Credit of English elective</i>	
MATHEMATICS	3 CREDITS
<i>1 Credit of Algebra 1 or integrated equivalent</i>	
<i>1 Credit in a course including geometry content</i>	
SCIENCE	2 CREDITS
<i>1 Credit of Biology</i>	
<i>1 Credit of a physical science course</i>	
SOCIAL STUDIES	2 ½ CREDITS
<i>1 Credit of World Studies</i>	
<i>1 Credit of United States History</i>	
<i>½ Credit of Civics</i>	
CONSUMER EDUCATION	½ CREDIT
PHYSICAL EDUCATION & HEALTH	3 ½ CREDITS
<i>All students are required to take physical education each semester by the State of Illinois, except when enrolled in Health, Drivers Education, Marching Band, or excused by local policy. PE credits may be waived for valid and approved reasons. Students must submit a PE Waiver request each semester where exemptions apply. Physical Education credits can include Health and Drivers Education. The physical education requirement may be waived if certain conditions are met, which are outlined in this course description guide.</i>	
FOREIGN LANGUAGE	1 CREDIT
ART, MUSIC, WORLD LANGUAGE, OR CTE	1 CREDIT
<i>Selected from art, music, world languages, or career & technical education courses.</i>	
CORE ELECTIVE	1 CREDIT
<i>Selected from English, math, science, or social studies courses.</i>	
ELECTIVES	6 ½ CREDITS
TOTAL CREDITS NEEDED FOR GRADUATION	25 CREDITS

SELECTION OF COURSES

This guide has been prepared to assist students and parents in becoming better informed about the content of specific courses and aid in the decision-making process during registration. It is important that the information in this book be studied carefully so that realistic and appropriate courses are selected for each student.

The master schedule of classes is built around required courses and student requests for courses. Students are urged to complete their selection of courses very carefully using their four year plan and by conferring with parents, teachers, and meeting with the school counselor. Students should choose elective courses which will meet the particular requirements for admission to the college or training program or job that they wish to pursue after high school.

Students may not receive all of their first choice class requests. Therefore, it is important to select alternate elective courses that will be used if a conflict arises. Certain courses may or may not be offered, depending on several factors, including student enrollment. If enough students do not sign up for a course, we may not offer that course. Requests for specific instructors will not be granted.

Classes for students who fail to complete their course requests will be scheduled by the school counselor based on the student's graduation needs and courses available.

DROPPING A COURSE OR CHANGING COURSES

Students will not be allowed to change classes once their schedule requests are processed unless the student has been placed in the wrong level of a class or if the student has a change in their career path. This will not be done without parent consent.

After the school year begins, the following policy will be in effect regarding changes:

- **If sufficient reasons exist**, Students may drop a course within the first **5 days** of a class for 1st semester.
- After 5 days the student must meet with the counselor and principal to request an exception. This should only be done for extreme or extenuating circumstances.
- Students **may** receive an F on their transcript for any course dropped after 5 days.
- The school counselor will meet with all students individually prior to 2nd semester to review and make any necessary adjustments to their course schedule. Therefore, students will be allowed only **2 days** to request any changes once 2nd semester begins.

GRADE LEVEL STATUS

The following number of credits will determine a student's grade level at Western High School.

Freshmen = Less than 4 credits
Sophomore = 4 - 10.5 credits

Junior = 11 - 17.5 credits
Senior = 18 or more credits

GRADE POINT AVERAGE (GPA) & WEIGHTED GRADE PLAN

A grade point average is calculated by adding up all grade points and dividing by the number of course attempts. Courses that have an increased level of difficulty and require more rigor are assigned weighted grades. Weighted courses are listed with an asterisk (*) in front of the title. Western High School uses the following scale for weighted grades to determine grade point average and class rank:

Western High School Grading Scales				
Unweighted Grade Scale			Weighted Grade Scale	
Letter Grade	Point Value	Percentage	Letter Grade	Point Value
A	4	90% - 100%	A	5
B	3	80% - 89%	B	4
C	2	70 - 79%	C	3
D	1	60 - 69%	D	2
F	0	0 - 59%	F	0

CLASS RANK

Class rank will be determined by total grade points using all classes. Students will receive an individual GPA. Official GPA and rank are updated after each semester.

The following courses are graded on the weighted scale:

Spanish 3
 Spanish 4
 Anatomy & Physiology
 Advanced Biology
 Chemistry 2
 Physics
 Calculus

JWCC Dual Credit

- College Algebra
- Trigonometry
- Statistics
- Calculus

Beginning with the Class of 2028

*All Dual Credit courses will be weighted.

COLLEGE ADMISSION REQUIREMENTS

THE ILLINOIS BOARD OF HIGHER EDUCATION RECOMMENDATIONS

Community Colleges & Technical Schools

Entrance Requirement: High school diploma or HiSET Certificate

Recommendation: Core coursework for all 4 years of high school in preparation for college-level coursework.

Regional Colleges & Universities

4 Units of Language Arts

3 or 4 Units of Math (Algebra 1 and Higher)

3 Units of Social Studies

3 Units of Science

2 Units of World Language (Same Language)

*Some required and some strongly recommend

Recommended: Core coursework all 4 years in high school

Highly Selective Universities

These colleges will often evaluate acceptance on a holistic approach including test scores, academic standing, and course preparation.

4 Units of Language Arts

4 Units of Math (Algebra 1 and Higher)

4 Units of Social Studies

4 Units of Science

4 Units of World Language (Same Language)

Exemplary ACT/SAT Score

Extracurricular record clearly demonstrates an eagerness and confidence in taking initiative, making the most of opportunities and gaining recognition for accomplishments both inside and outside of the school setting.

Note: Applicants should take the most challenging courses offered in all areas to demonstrate a high level of performance.

REGISTRATION GUIDELINES

All eligible students who move into the district or who transfer from another school are expected to register on or before the first day of a semester. Students enrolling in the middle of a semester who have been attending school elsewhere will be placed in classes that most closely align with the transfer course.

Grades from the previous school will be combined with the grades earned in the Western High School classes to determine semester grades and credit. If there is not a similar course available, students may not be able to earn credit, or a percentage from an elective may be applied to an elective class offered at Western High School.

A student wishing to enter late who has not been attending school during the current semester will be placed in the appropriate classes. The opportunity for credit will be evaluated on a case-by-case basis if the prospective student chooses to enroll. Credit is not guaranteed.

Students who are seventeen years of age or older prior to the beginning of a semester and who are planning to attend school are expected to be registered and present on the first student school day of the semester. Any students who enroll after the beginning of a semester, but within the first ten days may be permitted to attend.

A student seventeen years of age or older who does not enroll within ten days of the beginning of a semester will not be permitted to start school until the following semester. If a legitimate reason exists for not having enrolled within this time period, the situation may be presented to the building principal and then to the superintendent for a decision.

ONLINE DUAL CREDIT COURSES

JOHN WOOD COMMUNITY COLLEGE

Dual Credit: Provides students an opportunity to experience rigorous college-level coursework and to simultaneously receive both high school and college level course credit taught by a qualified high school instructor, through online courses, or on college campuses. The student is responsible for paying for the college credit, however, the cost is at a reduced rate.

Dual Credit Online Courses - These courses are offered through John Wood Community College through an online platform. Students may take these courses at a reduced rate if they meet the requirements and will receive high school credit and college credit.

Dual Credit Eligibility Requirements

- Students must be in grades 11 or 12 at Western High School and must be in good standing.
- Students must have a cumulative grade point average of 3.0 or higher and 90% attendance the previous semester.
- Students must meet the ACT requirements and prerequisites for all courses.
- Students may take a maximum of three dual credit courses each semester.
- Courses must be approved in advance by the student's school counselor and building principal.
- Students will have one hour on their high school schedule dedicated to each dual credit course and are responsible for completing these courses independently. Students are expected to be in attendance at WHS for these class periods for the entire high school semester.
- Grades will be monitored weekly for athletic/activity eligibility in the same manner as all other WHS courses.
- Cost: High school students are awarded a 25% reduction on regular tuition and universal fees and will get another 50% reduction with the Pike County Scholarship.
- Students will receive both college credit and high school credit for the course. The grade reported from the college will be recorded on the student's WHS transcript.

All colleges and universities reserve the right to accept, restrict or reject credit from other institutions. When planning to attend a school other than John Wood Community College you must contact that institution to verify acceptance of Dual Credit courses. This is the responsibility of the student.

****Courses offered are listed on the next page. This list is subject to change.**

ONLINE COURSES OFFERED THROUGH JWCC *Subject to change

Course #	Course Title	Credit Hours	Semester Offered	
ENG 101	Rhetoric & Composition I	3	Fall	
ENG 102	Rhetoric & Composition II	3	Spring	
MAT 109	Elementary Statistics (ALEKS)	3	Fall & Spring	
MAT 113	College Algebra (ALEKS)	3	Fall & Spring	
MAT 114	Trigonometry (ALEKS)	3	Spring	
MAT 220	Calculus I	4	Full Year WHS Course	
PHL 201	Major World Religions	3	Fall & Spring	
PSC 202	American Government	3	Fall & Spring	
PSY 101	Intro to Psychology	3	Fall & Spring	
PSY 233	Developmental Psychology	3	Spring	
SOC 101	Intro to Sociology	3	Fall & Spring	
OFT 281	Medical Terminology	3	Fall & Spring	
CMN 101	Intro to Speech I	3	Fall & Spring	
BUS 101	Intro to Business	3	Fall & Spring	
HIS 121	US History I	3	Fall & Spring	
SPN 101	Elementary Spanish I	4	Fall & Spring	
SPN 102	Elementary Spanish II	4	Spring	
EDU 100	Foundations of Education	3	Spring	
NUA 101	Basic Nursing Assisting @ JWCC in Pittsfield	6	Fall	
NUA 103	Nursing Assistant Practicum @ JWCC in Pittsfield	1	Fall	

ATHLETICS/ACTIVITIES ELIGIBILITY

WHS and Illinois State High School Activities Association (IHSA) Eligibility

Students involved in High School activities must pass all of their classes for the semester in order to stay eligible. Academic eligibility is checked weekly. Eligibility checks will begin at noon on the Friday after the second week of each semester. The first two weeks of checked grades will be considered probationary weeks. Week three will be the week to determine eligibility. Each student participating in extracurricular activities, which are not part of the curriculum, must adhere to school policy, standards, and maintain eligibility standards by the Western Board of Education and the Illinois High School Association. The ineligibility period begins on Monday morning and runs through the following Saturday. The student will not be allowed to participate in any sanctioned contest during the ineligibility period. The student will be allowed to practice during the weeks on ineligibility. The student will not be allowed to miss school to attend a contest during the period of ineligibility/suspension. Students who attain ineligibility status for 3 weeks (any combination) will be dropped from the activity.

- ➔ A passing grade shall be defined, as the grade a student would transfer to another school as certified on the transcript to the receiving school.
- ➔ Extra-curricular activities/athletics include anything in which the student is competing with another school or individuals, which is not tied to a class grade.
- ➔ Eligibility checks will be conducted weekly. The Principal/Athletic Director will inform the coach, student, and parent of any ineligibility.

High School students must pass all classes each semester to be eligible to participate during the next semester. Eligibility is carried over from semester to semester (including summer).

***This information is taken from the 25-26 Western Athletic Handbook and is subject to change.**



COLLEGE ATHLETICS

In addition to standard college entrance requirements, a student planning to participate in college athletics must meet other specific requirements depending on what level of college you attend:

- Junior College
- NAIA Schools
- NCAA Schools

NATIONAL JUNIOR COLLEGE ATHLETIC ASSOCIATION (NJCAA) ELIGIBILITY

Junior College Requirements:

NJCAA Eligibility Requirements can be found at www.njcaa.org.

Prospective student-athletes must be a graduate of a high school with an academic diploma, general education diploma or a state department of education approved high school equivalency test.

NATIONAL ASSOCIATION OF INTERCOLLEGIATE ATHLETICS (NAIA) ELIGIBILITY

If planning on attending an NAIA school, a student MUST register with the NAIA eligibility center at www.playnaia.org.

Prospective student-athletes must also:

- Pay a registration fee of \$110 (Fee waivers are available for eligible students - see your counselor.)
- Western High School Code: 140219
- Final transcripts will be sent by the high school \
- Send ACT scores directly to the NAIA Eligibility Center
- Be admitted into school by regular admissions process
- Meet 2 of 3 following criteria:
 - Minimum overall GPA of 2.0 on a 4.0 scale
 - Minimum composite ACT score of 18
 - Be in the top 50% of graduating class

After Junior Year

Entering Freshmen Eligibility Requirements

After completion of junior year

```

graph LR
    A[GPA of 3.3+ WITHOUT qualifying test score] <--> |OR| B[GPA of 3.0+ WITH qualifying test score]
    A -- "If not met..." --> B
  
```

Test Score Requirements:

Date test was taken	ACT	SAT
Before 3/1/2016	18	860
Between 3/1/2016 and 5/1/2019	16	860
After 5/1/2019	18	970

After 7 Semesters (Mid Term Senior Year)

Entering Freshmen Eligibility Requirements

After completion of 7th semester

```

graph LR
    A[GPA of 2.8+ WITHOUT qualifying test score] <--> |OR| B[GPA of 2.5+ WITH qualifying test score]
    A -- "If not met..." --> B
  
```

Test Score Requirements:

Date test was taken	ACT	SAT
Before 3/1/2016	18	860
Between 3/1/2016 and 5/1/2019	16	860
After 5/1/2019	18	970

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NATIONAL COLLEGIATE ATHLETIC ASSOCIATION (NCAA) ELIGIBILITY

If planning on attending a NCAA Division 1 or Division 2 school, a student must sign up with the NCAA eligibility center at www.eligibilitycenter.org.

Prospective student-athletes must also:

- Pay a registration fee of \$110 (Fee waivers are available for eligible students - see your counselor.)
- Western High School Code: 140219
- Final transcripts will be sent by the high school (Standardized test scores are no longer required)

***NCAA Division 1 Requirements:**

Prospective student-athletes must:

- Be admitted by regular admissions process.
- Complete 16 core-course units in the required subject areas.
- Meet core-course progression before the seventh semester.
- Have a core-course GPA of 2.3 or better in the required subject area.

***NCAA Division 2 Requirements:**

Prospective student-athletes must:

- Be admitted by regular admissions process.
- Complete 16 core-course units in the required subject areas.
- Have a Core GPA of 2.2 or higher

***NCAA Division 3 colleges do not give athletic scholarships.** You do not need to register with the Eligibility Center for this division.

***See the next two pages for more detailed information.**

APPROVED COURSES FOR NCAA ELIGIBILITY

Western High School

English Courses	Math Courses	Science Courses	Social Studies Courses	World Language Courses
English 9	Algebra 1A (0.5)	Physical Science	Modern World History	Spanish 1
English 10	Algebra 1B (0.5)	Biology	United States History	Spanish 2
English 11	Algebra 1	Anatomy & Physiology	Political Science	Spanish 3
English 12	Geometry	Chemistry 1	US History Through Film	Spanish 4
Public Speaking	Algebra 2	Chemistry 2	World Religions/Philosophy	
	Statistics	Adv Biology/Zoology	World Geography	
	College Algebra	Physics		
	Trigonometry	Earth Science		
	Calculus	Space Science		

NATIONAL COLLEGIATE ATHLETIC ASSOCIATION (NCAA) ELIGIBILITY

Initial-Eligibility Standards

Want to compete in NCAA sports? Register with the Eligibility Center at eligibilitycenter.org before the ninth grade. For more information on registration, visit on.ncaa.com/regchecklist.

Academic Standards

Division I and II schools require you to meet academic standards. To be eligible to practice, compete and receive an athletics scholarship in your first year of **full-time enrollment**, you must meet the following requirements:

Division I

1. Earn 16 NCAA-approved core-course credits in the following areas:

ENGLISH	MATH (Algebra I or higher)	SCIENCE (Including one year of lab, if offered)	EXTRA ENGLISH, MATH OR SCIENCE	SOCIAL SCIENCE	ADDITIONAL Any area listed to the left or world language, comparative religion or philosophy
4 years	3 years	2 years	1 year	2 years	4 years

2. Complete your 16 NCAA-approved core-course credits in eight semesters from your initial start of ninth grade. If you graduate from high school early, you still must meet core-course requirements.
3. Meet the **10/7 requirement** by completing 10 of your 16 NCAA-approved core-course credits, including seven in English, math or science, before the start of your seventh semester.
4. Earn a minimum 2.3 **core-course GPA**.
5. Ask your high school counselor to upload your **final official transcript** with **proof of graduation** to your Eligibility Center account.
6. Receive academic and athletics certifications from the Eligibility Center.

Division II

1. Earn 16 NCAA-approved core-course credits in the following areas:

ENGLISH	MATH (Algebra I or higher)	SCIENCE (Including one year of lab, if offered)	EXTRA ENGLISH, MATH OR SCIENCE	SOCIAL SCIENCE	ADDITIONAL Any area listed to the left or world language, comparative religion or philosophy
3 years	2 years	2 years	3 years	2 years	4 years

2. Earn a minimum 2.2 **core-course GPA**.
3. Ask your high school counselor to upload your **final official transcript** with **proof of graduation** to your Eligibility Center account.
4. Receive academic and athletics certifications from the Eligibility Center.

Division III

While **Division III schools** set their own academic standards on campus, the Eligibility Center certifies the amateur status of Division III **international student-athletes** (first-year enrollees and transfers). All other Division III student-athletes are certified on campus. Contact the Division III school you plan to attend for information about its academic requirements.



ELIGIBILITY CENTER

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GRADE

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REGISTER

- » If you haven't yet, **register** for a free Profile Page account at eligibilitycenter.org for information on NCAA initial-eligibility requirements.
- » Use NCAA Research's **interactive map** to help locate NCAA schools you're interested in attending.
- » Find your high school's list of NCAA-approved core courses at eligibilitycenter.org/counselist to ensure you're taking the right courses, and earn the best grades possible!

GRADE

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PLAN

- » If you're being **actively recruited** by an NCAA Division I or II school, **transition** your Profile Page account to the right **certification account**.
- » Monitor the **task list** and **sign up for text alerts** in your **Eligibility Center account** for next steps.
- » Research the admission requirements for NCAA schools you're interested in attending.
- » At the end of the school year, ask your high school counselor from each school you attended to upload your **official transcript** via the High School Portal.
- » If you fall behind academically, ask your high school counselor for help finding **approved courses** you can take.

GRADE

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STUDY

- » Ensure your **sports participation** information is correct in your Eligibility Center account.
- » Check with your high school counselor to make sure you're on track to complete the required number of NCAA-approved **core courses** and graduate on time with your class.
- » Share your **NCAA ID** with NCAA schools recruiting you so each school can place you on its **institutional request list**.
- » Take **unofficial and official visits** to NCAA schools you're interested in attending and start applying early.
- » At the end of the school year, ask your high school counselor from each school you attended to upload your **official transcript** via the High School Portal.

GRADE

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GRADUATE

- » Be accepted to the NCAA school you plan to attend.
- » Ensure your **sports participation** information is correct and **request your final athletics certification** beginning April 1 (fall enrollees) or Oct. 1 (winter/spring enrollees) in your Eligibility Center account.
- » Complete your final NCAA-approved **core courses** as you prepare for graduation.
- » After you graduate, ask your high school counselor to upload your **final official transcript** with **proof of graduation** via the High School Portal.

Example Schedule

How to Plan Your High School Courses to Meet the 16 Core-Course Requirement

4 x 4 = 16

9 th GRADE	10 th GRADE	11 th GRADE	12 th GRADE
(1) English (1) Math (1) Science (1) Social science and/or additional	(1) English (1) Math (1) Science (1) Social science and/or additional	(1) English (1) Math (1) Science (1) Social science and/or additional	(1) English (1) Math (1) Science (1) Social science and/or additional
4 CORE COURSES	4 CORE COURSES	4 CORE COURSES	4 CORE COURSES

CONTACT THE NCAA ELIGIBILITY CENTER

U.S. and Canada (except Quebec):
877-262-1492, Monday-Friday
9 a.m. to 5 p.m. Eastern time

@ncaaec
 @ncaaec
 @ncaaec
 @playcollegesports

ELIGIBILITY CENTER

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SchoolLinks

Western High School uses the SchoolLinks program for students in all grade levels.

SchoolLinks is a modern, college and career readiness platform used to prepare students for what comes after graduation. SchoolLinks helps students discover their interests and strengths, explore colleges and careers, and create an individualized career and academic plan that best reflects their post-secondary goals.

SchoolLinks provides:

- Access to career interest, strength and mindset surveys
- Exploration of 2-year and 4-year colleges & their programs
- Course plans based on career pathways
- Virtual reality college campus tours
- Scholarship searches
- Financial aid information
- Information on internship and volunteer opportunities
- Exploration of traditional, emerging and military career fields
- Templates for creating digital portfolios / resumes
- Access to school posted internships, scholarships, & job opportunities
- A way to easily send transcripts electronically

WESTERN HIGH SCHOOL
COURSE OFFERINGS
2026-2027



COMMUNICATION ARTS

ENGLISH COURSES										
Course Name	Sem	Full Year	Grade Level				Weighted Grade Scale	NCAA Approved Course	Dual Credit	Graduation Requirement
			9	10	11	12				
English 9		★	★					★		CA - English 9
English 10		★		★				★		CA - English 10
English 11		★			★			★		CA - English 11
English 12		★				★		★		English Elective
Speech I	★		★	★	★	★		★		English Elective
Creative Writing	★		★	★	★	★				English Elective
World Cinema	★			★	★	★				English Elective
Journalism		★			★	★				English Elective
*JWCC Rhetoric & Comp I	★						★	★	★	English Elective
*JWCC Rhetoric & Comp II	★						★	★	★	English Elective
*Weighted English courses will begin with the Class of 2028										

FOREIGN LANGUAGE COURSES										
Course Name	Sem	Full Year	Grade Level				Weighted Grade Scale	NCAA Approved Course	Dual Credit	Graduation Requirement
			9	10	11	12				
Spanish 1		★	★	★	★	★		★		Elective
Spanish 2		★		★	★	★		★		Elective
Spanish 3		★			★	★	★	★		Elective
Spanish 4		★				★	★	★		Elective

ENGLISH

English 9	Full Year - 1 Credit	Grade Level: 9
------------------	-----------------------------	-----------------------

Writing Intensive Course ◇ **Required for graduation**

Prerequisite: None

This course will help students develop proficiencies in the areas of reading, literary analysis, writing, grammar usage & mechanics, vocabulary, and research. Students will read a range of short stories, essays, articles, novels, poetry, and plays, and will use these concepts to write multiple papers tailored to different audiences and purposes. Communication goals of this course include listening and speaking effectively in a variety of situations. Core texts include *Of Mice and Men*, *To Kill a Mockingbird*, and *Romeo and Juliet*. In addition to exploration of literature, students will independently read and write in response to novels of their choice.

English 10	Full Year - 1 Credit	Grade Level: 10
-------------------	-----------------------------	------------------------

Writing Intensive Course ◇ **Required for graduation**

Prerequisite: English 9

This course will help students to further develop proficiencies in the areas of reading, literary analysis, writing, grammar usage & mechanics, vocabulary, and research. Students will read a range of short stories, essays, articles, novels, poetry, and plays, and will use these concepts to write multiple essays tailored to different purposes. Core texts include *Lord of the Flies*, *Night*, *Animal Farm*, and *Things Fall Apart*. Students will read and write independently in response to books of their choice. Communication goals include listening and speaking effectively in a variety of situations.

English 11	Full Year - 1 Credit	Grade Level: 11
-------------------	-----------------------------	------------------------

Writing Intensive Course ◇ **Required for Graduation**

Prerequisite: English 10

This course will focus on American Literature. Texts are examined for their place in history and their connection to the present day. Core texts include *The Crucible* and *The Great Gatsby* in addition to selections from pre-revolutionary America and the Modern and Transcendental eras of American Literature. Elements of grammar and vocabulary are interwoven into each unit. Students will use rhetorical concepts along with grammar and composition to develop argumentative writing skills. Other written assignments focus on narrative and research & essay writing.

English 12	Full Year - 1 Credit	Grade Level: 12
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Prerequisite: English 11

This course introduces students to important works of literature from Britain. Students will read a Shakespearean play and various short stories, along with poetry and excerpts from major British texts. Use of literary criticism tools in order to comprehend complex works and analyze literature more effectively is emphasized. Vocabulary and a review of grammar and composition placed on writing skills needed in college and in the workplace will be stressed. The first semester will include writing and a variety of multimedia projects. The second semester will include a senior research project and a senior memory book. Students will independently read and write in response to novels of their choice. Special emphasis is placed on the role of revision in writing, and students will use this skill to compile a writing portfolio.

Journalism 1	Full Year - 1 Credit	Grade Level: 11, 12
Journalism 2	Full Year - 1 Credit	Grade Level: 12

Prerequisite: Grade of C or better in previous English class or teacher recommendation.

***Students may take Journalism for a maximum of two years.**

This course covers aspects of print journalism, including general reporting skills, design and layout, and article types in order to create and publish the school newspaper. Special emphasis is placed on writing style, proofreading, revising, and peer reviewing. The course uses available technology, computer software, and online tools to publish a school newsletters and a newspaper. Students taking this course should have a strong interest in the school and/or local community and enjoy writing.

Public Speaking	1st OR 2nd Semester - ½ Credit	Grade Level: 10,11,12
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Prerequisite: None

***Students may take this course for only one semester.**

This course will focus on preparation, organization, and delivery of messages to different audiences. Students will gain experience in a variety of speaking situations as well as develop communication skills that can be used in small and large group discussions. Students will experience group discussion, informative and persuasive speaking, research and organization of materials, writing for verbal delivery, analysis and critique, and development of self - confidence. Students will recognize how uses of body language, facial expressions, and visual and audio tools can enhance communication skills and prepare students for real-life interactions such as college or job interviews. This course is good for anyone considering going to college or working for the public!

Creative Writing	1st OR 2nd Semester - ½ Credit	Grade Level: 10,11,12
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Prerequisite: Grade of C or better in previous English course and a love for writing

***Students may take this course for only one semester.**

This course offers students the opportunity to develop and improve their technique and individual writing style in poetry and short stories. In addition to student writing, the course includes the study of poetry and short story models in order to learn poetic and fictional techniques and methods.



*ENG 101: Rhetoric & Composition I	1st Semester - ½ Credit	Grade Level: 12
John Wood Community College Online Course		
(3 College Credit hours)		

***Weighted Course (Beginning with the Class of 2028)**

Prerequisite: Students must meet all dual credit requirements and complete 3 years of English, or minimum of 19 English subscore of the ACT, or 263 minimum score on the Accuplacer placement test.

An introductory course in writing at the college level with attention to skills needed at each stage of the writing process. Placement in ENG 101 presupposes competence in English grammar, mechanics, punctuation, and spelling.



*ENG 102: Rhetoric & Composition II	1st Semester - ½ Credit	Grade Level: 12
John Wood Community College Online Course		
(3 College Credit hours)		

***Weighted Course (Beginning with the Class of 2028)**

Prerequisite: Students must meet all dual credit requirements and complete ENG 101 with a grade of C or above.

This course is a continuation of ENG 101 and provides further practice in writing at the college level for a variety of purposes and audiences, using both fixed and open or developing forms. A research paper is required.

FOREIGN LANGUAGE - SPANISH

It is **STRONGLY** recommended that students do not skip a year between taking levels of Spanish.

Spanish 1 **Full Year - 1 Credit** **Grade Level: 9, 10, 11, 12**

Prerequisite: None

Required for graduation.

Spanish I gives students a foundation in the Spanish language as well as a glimpse into the culture of various Spanish-speaking countries. Students will leave with basic Spanish speaking and writing skills.

Spanish 2 **Full Year - 1 Credit** **Grade Level: 10, 11, 12**

Prerequisite: Pass Spanish 1

Spanish 2 gives a more in-depth look at the Spanish language and the culture of various Spanish speaking countries. Students will leave with a broader knowledge of Spanish and the culture associated with Latin America. Their pronunciation and writing skills will improve from Spanish I.

***Spanish 3** **Full Year - 1 Credit** **Grade Level: 11, 12**

***Weighted Course**

Prerequisite: Pass Spanish 2

Spanish 3 gives students the opportunity to use and expand on the information learned in their previous Spanish classes. Students will be more confident with their Spanish skills.

***Spanish 4** **Full Year - 1 Credit** **Grade Level: 12**

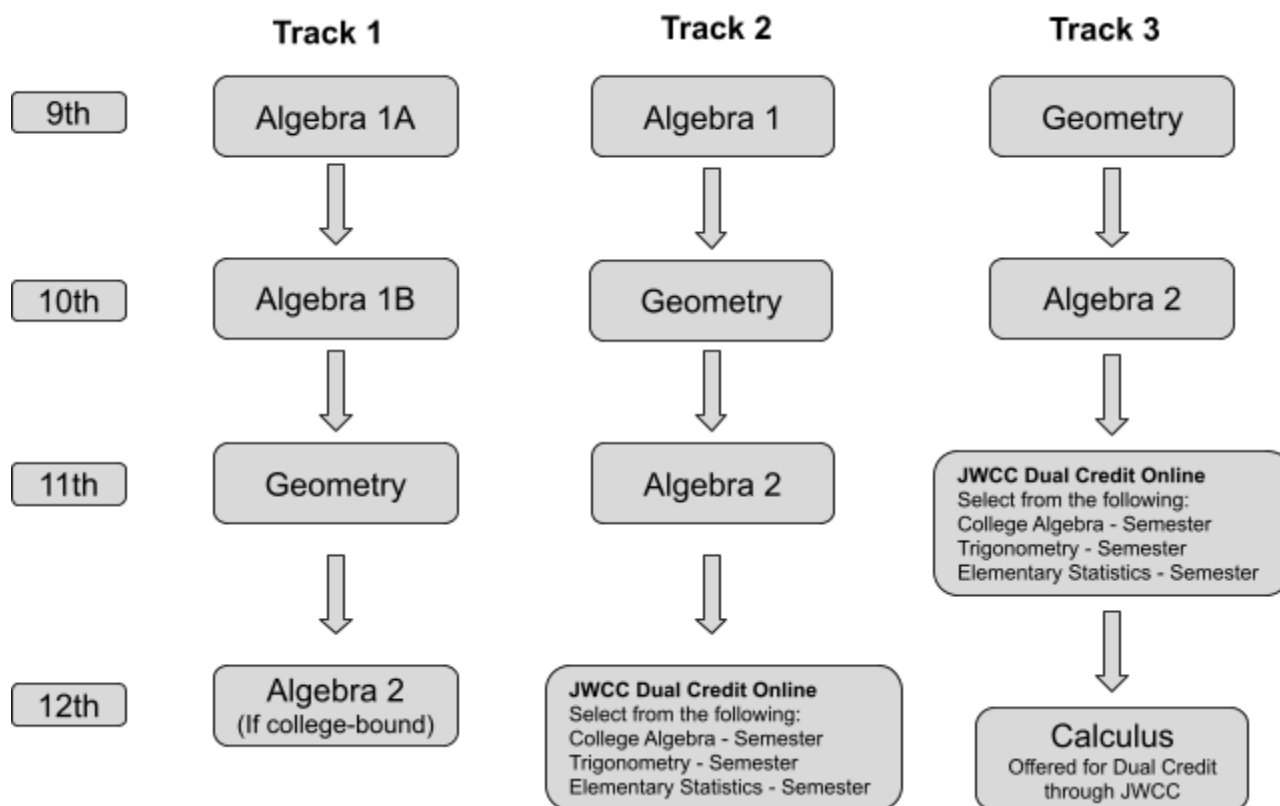
***Weighted Course**

Prerequisite: Pass Spanish 3

Spanish 4 offers students the opportunity to further their Spanish skills through practical applications and literature analysis.

MATHEMATICS

WHS MATH FLOWCHART



MATHEMATICS

MATHEMATICS COURSES									
Course Name	Sem	Full Year	Grade Level				Weighted Grade Scale	NCAA Approved Course	Dual Credit
			9	10	11	12			
Algebra 1A		★	★					0.5	
Algebra 1B		★		★				0.5	
Algebra 1		★			★			★	
Geometry		★				★		★	
Algebra 2		★	★	★	★	★		★	
*JWCC Elementary Statistics	★		★	★	★	★	★	★	★
*JWCC College Algebra	★			★	★	★	★	★	★
*JWCC Trigonometry	★				★	★	★	★	★
*JWCC Calculus		★				★	★	★	★

Algebra 1A **Full Year - 1 Credit** **Grade Level: 9**

Prerequisite: None

Algebra 1A covers the content of the first semester of Algebra 1 over the course of one school year.

Algebra 1A/1B is a two year sequence which will cover all topics in a traditional one year Algebra 1 course. The slower pace will allow time for intervention as needed.

Algebra 1B **Full Year - 1 Credit** **Grade Level: 10**

Prerequisite: Algebra 1A

Algebra 1B covers the content of the second semester of Algebra 1 over the course of one school year. Algebra 1A/1B is a two year sequence which will cover all topics in a traditional one year Algebra 1 course. The slower pace will allow time for intervention as needed. Upon successful completion of Algebra 1B, students will be prepared to take Geometry.

Algebra 1 **Full Year - 1 Credit** **Grade Level: 9, 10**

Prerequisite: None

This course is the beginning of developing an extended course of Algebra as a system of mathematics. There will be several basic areas covered: Variables, expressions, operations, equations and inequalities, patterns, relations, functions, algebraic expressions, systems of equations, exponents, and polynomials.

Geometry **Full Year - 1 Credit** **Grade Level: 9, 10, 11, 12**

Prerequisite: Algebra 1

This course is an extensive study of Euclidean geometry. Course topics include terminology, parallel lines, polygons, similarity, trigonometry, circles, perimeter, circumference, area, volume, constructions, proof, and logic.

Algebra 2**Full Year - 1 Credit****Grade Level: 10, 11, 12****Prerequisite:** Algebra 1 and Geometry

This course rigorously engages in algebraic and geometric concepts already established in Algebra 1, Geometry, and other previous courses. By the end of the course, students will acquire and develop advanced algebra skills such as solving linear, quadratic, and polynomial equations and systems; basic and analytic trigonometry; functions and their graphs; statistics; and probability. In addition to acquiring and developing these skills manually, students will be introduced to the TI-84 graphing calculator to further foster these skills through the help of technology. Completion of this course will allow students to greatly further their mathematical skills in future courses such as Trigonometry, College Algebra, and Elementary Statistics.



***MAT 109: Elementary Statistics** **1st OR 2nd Semester - ½ Credit** **Grade Level: 11, 12**
John Wood Community College Online Course **(3 College Credit hours)**

***Weighted Course**

Prerequisite: Geometry AND Algebra 2 with a grade of C or better and a minimum unweighted GPA of 3.0 or higher **OR** a minimum score of 22 on the ACT math portion **OR** take the Accuplacer placement exam and meet the minimum qualifying score.

A study of the collection and interpretation of statistical data. Specific topics include: description of sample data, probability, probability distributions, sampling, estimation, testing hypotheses, correlation, and regression.



***MAT 113: College Algebra** **1st OR 2nd Semester - ½ Credit** **Grade Level: 11, 12**
John Wood Community College Online Course **(3 College Credit hours)**

***Weighted Course**

Prerequisite: Geometry AND Algebra 2 with a grade of C or better and a minimum unweighted GPA of 3.0 or higher **OR** a minimum score of 22 on the ACT math portion **OR** take the Accuplacer placement exam and meet the minimum qualifying score.

This course is intended for students who plan to continue their college mathematics education or to meet college transfer requirements. Topics include: advanced factoring of higher order polynomials; solving quadratic inequalities; advanced topics in relations, functions and their graphs; zeroes, graphs and applications of polynomial and rational functions; and exponential and logarithmic functions.



***MAT 114: Trigonometry** **1st OR 2nd Semester - ½ Credit** **Grade Level: 11, 12**
John Wood Community College Online Course **(3 College Credit hours)**

***Weighted Course**

Prerequisite: Geometry AND Algebra 2 with a grade of C or better and a minimum unweighted GPA of 3.0 or higher **OR** a minimum score of 22 on the ACT math portion **OR** take the Accuplacer placement exam and meet the minimum qualifying score.

This course is intended for students who plan to continue their college mathematics education or to meet college transfer requirements. It is the study and analysis of the sine, cosine, tangent, secant, cosecant, and cotangent functions, how these functions are used to solve many types of problems involving the sides and angles of triangles and how these functions are used to solve many types of problems involving cyclic patterns, some that vary with time. Topics include definitions, properties and manipulation of trigonometric functions; applications of trigonometric functions; analytic trigonometry; trigonometric form of complex numbers; and polar coordinates, equations, and graphs.



***MAT 220 Analytic Geometry & Calculus 1**
John Wood Community College Online Course
***Weighted Course**

Full Year - 1 Credit

Grade Level: 12
(4 College Credit hours)

Prerequisite: Students must meet all dual credit requirements and pass College Algebra and Trigonometry with a minimum grade of C OR a minimum score of 27 on the ACT math portion OR take the Accuplacer placement exam and meet the qualifying score.

This course is taught for a full year by a math instructor at Western High School. Students will earn college credit at the end of the 2nd semester IF they meet the requirements, register and pay for the credit.

This course is designed to introduce the concepts of derivatives and integrals to the student interested in pursuing degrees related to engineering, science or mathematics. Specific topics include functions and graphs; slopes and rates of change; limit theory and continuous functions; formal differentiation; applications of differentiation; integration; and applications of integration.

SCIENCE

SCIENCE COURSES										
Course Name	Sem	Full Year	Grade Level				Weighted Grade Scale	NCAA Approved Course	Dual Credit	Graduation Requirement
			9	10	11	12				
Biology		★	★	★	★	★		★		Biology
Physical Science		★		★	★	★		★		Physical Science
Space Science	★			★	★	★		★		Physical Science
Earth Science	★			★	★	★		★		Physical Science
Chemistry		★		★	★	★		★		Physical Science
*Chemistry 2		★			★	★	★	★		Physical Science
*Anatomy & Physiology		★			★	★	★	★		Science Elective
*Physics		★			★	★	★	★		Physical Science

Biology **Full Year - 1 Credit** **Grade Level: 9, 10, 11, 12**

Prerequisite: None

Required for Graduation

This course includes laboratory work, study of specimens, projects, & a thorough understanding of scientific inquiry. Course content encompasses interrelationships of living things, levels of biological organization, cellular biology, biochemistry, genetics, & evolution. Students should be prepared to conduct projects & write formal lab reports. Instruction centers around inquiry-based learning that is incorporated into class activities. Learning activities include teacher-lead instruction, group work, student seatwork, project-based learning, & lab exercises with both student-choice & teacher-choice grouping.

Physical Science **Full Year - 1 Credit** **Grade Level: 10, 11, 12**

Prerequisite: None

Fulfills the physical science graduation requirement.

A detailed study of matter, motion, forces, energy, and physical interactions. Topics covered will include: inside the atom, atomic structure and chemical bonds, chemical reactions, force and Newton's laws, thermal energy, electricity, magnetism, waves, sound, and light.

Space Science **1st Semester - ½ Credit** **Grade Level: 10, 11, 12**

Prerequisite: None

Fulfills the physical science graduation requirement.

This class will delve into the wonder & mystery that is space. As a class we will explore space by studying: our solar system, various stars & planets, the sun, & by taking a look into the various galaxies that are encompassed in this universe. Instruction for this class centers around inquiry-based learning that is incorporated into class activities. Learning activities include teacher-lead instruction, group work, student seatwork, project-based learning, & lab exercises with both student-choice & teacher-choice grouping.

Earth Science	2nd Semester - ½ Credit	Grade Level: 10, 11, 12
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Prerequisite: None

Fulfills the physical science graduation requirement.

This course includes laboratory work, study of specimens, projects, & a thorough understanding of scientific inquiry. Course content includes: Earth's composition, history, structure, & resources. This class will also study the life that lives upon Earth, various elemental cycles that help to sustain life, the bodies of water surrounding Earth's continents, and the landforms located upon its surface. Instruction for this class centers around inquiry-based learning that is incorporated into class activities. Learning activities include teacher-lead instruction, group work, student seatwork, project-based learning, & lab exercises with both student-choice & teacher-choice grouping.

Chemistry	Full Year - 1 Credit	Grade Level: 10, 11, 12
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Prerequisite: Biology; Recommended grade of C or better in Algebra

Fulfills the physical science graduation requirement.

Chemistry is the study of matter, its structure, properties and composition, and the changes matter undergoes. Chemistry is one of the stepping stones of education that is needed in many fields of study including: nursing, all biological studies, pharmacy, and a general education course. The student will learn the language and mathematics of chemistry.

*Chemistry 2	Full Year - 1 Credit	Grade Level: 11, 12
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***Weighted Course**

Prerequisite: Chemistry with a grade of C or better

Chemistry 2 is a continuation of Chemistry 1. This course will further develop more in-depth concepts of Chemistry.

*Anatomy & Physiology	Full Year - 1 Credit	Grade Level: 11, 12
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***Weighted Course**

Prerequisite: Biology with a grade of C or better

This upper-level science course is designed to provide students with a thorough understanding of how the organ systems within the human body work together to maintain homeostasis, & how a failure in homeostasis results in a disease or health issues. Students should be prepared to conduct research, work in small groups as well as independently, write scientifically & communicate their understanding in a variety of methods. Higher-level thinking will be incorporated into each lesson as well as use of technology, when applicable, to increase student achievement.

Advanced Biology/Zoology*Full Year - 1 Credit****Grade Level: 11, 12*****Weighted Course****Prerequisite:** Anatomy & Physiology with a grade of C or better

This course includes laboratory work, study of specimens (both 3-D & preserved), presentations, projects, and a thorough understanding of scientific inquiry. Course content includes interrelationships of living things, levels of biological organization, cellular biology, biochemistry, genetics, evolution, and an in-depth zoology-based study of animal phyla via scientific inquiry through both classification & taxonomy. Students should be prepared to conduct projects & presentations independently as this is an advanced biology course. Classes are structured to utilize every minute for learning & assessing understanding. Real world application is a daily objective. Higher-level thinking will be incorporated into each lesson as well as use of technology when applicable to increase student achievement. Students are also expected to review & study the content covered in class outside of school daily.

Physics*Full Year - 1 Credit****Grade Level: 11, 12*****Weighted Course****Prerequisite:** Chemistry 1 with a grade of C or better

Physics is the study of matter and energy and their mutual interactions. Physics is one of the stepping stones of education that is needed in many fields of study including: optometry, electrical work, electronics, engineering, and a general education course. The student will learn the language and mathematics of Physics.

SOCIAL STUDIES

SOCIAL STUDIES COURSES										
Course Name	Sem	Full Year	Grade Level				Weighted Grade Scale	NCAA Approved Course	Dual Credit	Graduation Requirement
			9	10	11	12				
World Studies		★	★	★	★	★		★		World Studies
United States History		★		★	★	★		★		US History
Civics	★				★	★		★		Civics
American History Through Film	★				★	★		★		Elective
World Geography	★				★	★		★		Elective
World Cinema	★			★	★	★				Elective
World Religions/Philosophy	★				★	★		★		Elective
Political Science	★				★	★		★		Elective
Early American History	★			★	★	★		★		Elective

World Studies **Full Year - 1 Credit** **Grade Level: 9, 10, 11, 12**
Prerequisite: None
Required for Graduation

World Studies is a year-long course that spans human history from prehistoric times to modern times. The course will focus on the development, interactions, and comparison of societies around the world. The first semester of this course will cover early civilizations through the 1500s. The second semester will focus on modern history from the 1500s to present.

United States History **Full Year - 1 Credit** **Grade Level: 10, 11, 12**
Prerequisite: None
Required for Graduation

This course covers the formation of how the American nation rose into an industrial giant and global world power in the 20th century. Students will learn about important events and people who have helped shape American history. The analysis will include political, economic, military, social, and cultural aspects of the periods. The 2nd semester will cover the development of the Cold War from the 20th Century to the present times. Students will learn about important events and people who have helped shape the policies and society of the current 21st century.

Civics **1st or 2nd Semester - ½ Credit** **Grade Level: 11, 12**
Prerequisite: None
Required for Graduation

Civics is a class that focuses on the government of the United States and how the American people relate to it. Civics will connect to fundamental themes such as civics skills, citizenship values, and principles of democracy. Students will also analyze various groups of government and the role of the United States as a model for democracy in today's world. The class also focuses on the U.S. Constitution and the election process.

American History Through Film	1st or 2nd Semester - ½ Credit	Grade Level: 11, 12
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Prerequisite: None

This class will allow students to examine various eras in American history through historical fiction movies about the era. By viewing the films, discussing them, researching topics of the period, and writing critical reviews of the films, students will compare and contrast the film's interpretation of specific events of the era. This course will ask students to step out of the role of passive viewers by teaching them to view films technically and historically in a new light.

World Geography	1st Semester ½ Credit	Grade Level: 11, 12
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Prerequisite: None

In World Geography, students will study the 5 themes of the geography discipline, place, human interaction, movement, and region. Students will use these themes to compare and contrast landforms, climates, and natural resources. Students will also study the cultural, economic, political, and social characteristics of world regions. Students will develop skills using maps, legends, coordinates, latitude and longitude, and scale.

World Cinema	1st or 2nd Semester - ½ Credit	Grade Level: 10, 11, 12
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Prerequisite: None
Students may take each semester once.

This course will feature an analysis of various films and film clips from world cinema. Students will learn basic and advanced terminology of filmmaking and film criticism while also studying the geographical, historical, and cultural contexts important for fully understanding and appreciating what cinema has to offer. The class will include screenings, readings, writing assignments, and classroom discussions. Students are expected to complete most reading and writing assignments outside of class. Many of the films will be of an unusual style to most students; they might be slower-paced and the narratives will be more ambiguous. Furthermore, many films will be black-and-white and/or subtitled; some films will be silent. Students interested in new experiences and other cultures are encouraged to take this class.

World Religions/Philosophy	1st or 2nd Semester - ½ Credit	Grade Level: 11, 12
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Prerequisite: None

This course will feature an analysis of various world religions and philosophies and religious/philosophical issues. Students will examine the history and philosophy of major world religions, their impact on the world, and contemporaneous religious issues.

Political Science	1st or 2nd Semester - ½ Credit	Grade Level: 11, 12
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Prerequisite: None

Political Science is an introductory class to help students explore and develop their political ideals and values. Students will explore how policy choices and government matter to everyone at every age. The class will encourage students to become active citizens in society and to respect and value differing opinions within the political spectrum. This class will analyze the 4 core subject areas of political science: constitutional foundations, patterns of political behavior, political institutions, and public policy.

Early American History	1st or 2nd Semester - ½ Credit	Grade Level: 10, 11, 12
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Prerequisite: None

Early American History is a class that covers the exploration and settlement of North America and the early formation of the United States. Students will learn about ancient Native American groups and the impact of European exploration. They will study the movement towards independence and democracy; the precedents set by the new nation, westward expansion, and conclude with the impact of the Civil War. This course will also include the history and statehood of Illinois and the events and people who have helped shape American history before the modern age.

CONSUMER EDUCATION

Consumer Education

1st or 2nd Semester - ½ Credit

Grade Level: 11, 12

Prerequisite: None

Required for Graduation

Consumer Education is designed to enable students to become intelligent consumers of goods and services. Topics of study include: budgeting, installment purchasing, and comparison of prices. A unit on home ownership will cover the basic process of obtaining a mortgage, the concepts of fixed and adjustable rate mortgages, subprime loans, and predatory lending. Students will gain an understanding of the roles of consumers interacting with agriculture business, trade union and government in formulating and achieving the goals of the mixed, free enterprise system. This course meets the high school graduation requirement set by the State of Illinois.

BUSINESS

Accounting	1st Semester - ½ Credit	Grade Level: 10, 11, 12
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Prerequisite: None

Accounting I is a skill level course that is of value to all students planning to pursue a career in accounting or one of the many other avenues in the field of business. This course includes planned learning experiences that develop initial and basic skills used in systematically computing, classifying, recording, verifying and maintaining numerical data dealing with the finances of a sole proprietorship and a partnership. Instruction includes information on maintaining financial records, summarizing these records for convenient interpreting and analyzing the data to provide assistance to management for decision-making.

In addition to stressing the basic fundamentals and terminology of accounting, instruction provides understanding of the preparation of financial reports and an overview of career opportunities in the accounting field. This course offers both a hard copy textbook and an e-book. All practice assignments, graded assignments and tests will be completed at the computer.

Marketing	2nd Semester - ½ Credit	Grade Level: 10, 11, 12
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Prerequisite: None

This course provides a basic foundation for further study in marketing. Students study economic functions at work in the marketplace, and marketing functions including purchasing, pricing, and distribution functions. This course is based on the business and marketing core which includes communication skills, economics, financial analysis, and promotion. Both marketing and career preparation skills learned will improve and increase the chance of a successful transition into the world of post-secondary business education. Leadership development will be provided through FBLA activities and competitive events.

Creating Entrepreneurial Opportunities (CEO)	Full Year - 2 Credits	Grade Level: 12
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Prerequisite: Complete the application process and be accepted into the program by the Pike County CEO

*This course will meet the first **two** class periods of the school day.

This is a year-long program designed to utilize partnerships that provide an overview of business development and processes. Local businesses partner with area schools to create project-based experiences for students by providing funding, expertise, meeting space, business tours, and one-on-one mentoring. Students visit area businesses, learn from guest speakers, participate in a class business, write business plans, and start and operate their own businesses.

Dual Credit: Students enrolled in the CEO program have the opportunity to earn college credit through this course.

BUS 115 - Business Leadership I (3 credit hours, fall semester)

BUS 116 - Business Leadership II (3 credit hours, spring semester)

ELECTIVES

Work Based Learning

1st and 2nd Semester

Grade Level: 12

***Note: Students may not take both Work Based Learning and Wildcat Tutoring in the same semester.**

This is an opportunity for seniors to be assigned to a location off campus to job shadow or work during the school day.

- Must have a job/job shadow that is approved by the Work Study Coordinator.
- Students will be monitored and will receive credit for their work experience.
- Must have a signed training agreement and follow all responsibilities of the agreement.
- Must have up to date insurance information on file
- Work study students are required to serve all discipline consequences regardless of their work schedule.

Seniors must meet all of the following requirements to be considered for and to remain in the Work Study program:

- ★ Have **90% attendance or higher in the previous school year** (This includes ALL absences, whether excused, unexcused or mental health days).
- ★ Must not have more than 7 unexcused absences.
- ★ Have a minimum 2.0 GPA at the end of their junior year.
- ★ Must not be credit deficient and must be on track for graduation.
- ★ Have no trancies or major discipline events.
- ★ Demonstrate strong communication skills, empathy, and patience.
- ★ Adhere to a code of conduct that promotes respectful behavior, punctuality, and professionalism.

Students who fail the first semester of this course will **NOT** be allowed to take it during the second semester.

Wildcat Tutoring

1st and 2nd Semester

Grade Level: 12

***Note: Students may not take both Work Based Learning and Wildcat Tutoring in the same semester.**

This is an opportunity for seniors to serve the school community by providing academic support and mentorship to younger learners while fostering a sense of responsibility and commitment. This class is also designed for students that want to explore education-based careers.

Students will work in an elementary classroom to complete this course. The program will require candidates to complete an application and possible interview to be considered for this program.

Grades in this course will be based on performance, attendance and required classroom work.

Seniors must meet all of the following requirements to be considered for the Wildcat Tutoring program:

- ★ Have **90% attendance or higher in the previous school year** (This includes ALL absences, whether excused, unexcused or mental health days).
- ★ Must not have more than 7 unexcused absences.
- ★ Have a minimum 2.0 GPA at the end of their junior year.
- ★ Must not be credit deficient and must be on track for graduation.
- ★ Have no trancies or major discipline events.
- ★ Demonstrate strong communication skills, empathy, and patience.
- ★ Adhere to a code of conduct that promotes respectful behavior, punctuality, and professionalism.

Students who fail the first semester of this course will **NOT** be allowed to take it during the second semester.

ACT Prep**1st OR 2nd Semester - ½ Credit****Grade Level: 10 (2nd Semester), 11, 12**

Prerequisite: Pass Algebra 1 and Geometry or instructor permission; 2nd semester sophomores must be passing Geometry if concurrently enrolled.

This class is designed to help prepare students for the ACT college entrance examination. This class will specifically cover the curricular areas in English, math, reading, science reasoning, and writing that are assessed on the ACT. In addition, test taking strategies will be taught and practice ACT exams will be administered and scored. Students that take this class should be self-motivated, as the goal of this class is to improve performance on the ACT. Students will also research how their ACT composite plays a role in college admissions, scholarship earning, and course and program placement at the college level.

PHYSICAL EDUCATION & HEALTH

All students are required to take physical education each semester by the State of Illinois, except when enrolled in Health, Drivers Education, and/or Marching Band or excused by local policy. PE credits may be waived for valid and approved reasons. Students must submit a PE Waiver request each semester where exemptions apply. WHS requires 3 ½ credits of physical education, which can include Health and Drivers Education. The physical education requirement may be waived if certain conditions are met, which are outlined below.

Exemption from Physical Education Requirement

A student in grades 9-12 must submit a form to the school counselor requesting to be excused from physical education courses for the reasons stated below. *See your school counselor for a request form.

1. Enrollment in a marching band program for credit (Grades 9-12).
2. Ongoing participation in an interscholastic athletic program (Grades 11-12).
3. College and career readiness courses.
4. Enrollment in academic classes that are required for admission to an institution of higher learning (Grades 11-12).
5. Enrollment in academic classes that are required for graduation from high school, provided that failure to take such classes will result in the student being unable to graduate (Grades 11-12).
6. Enrollment in a block course at a career and technical center related to a future career or potential college major (Grades 11-12).
7. Enrollment in a dual credit college course (Grades 11-12).
8. Medical reasons. A doctor's note is required.

Physical Education

1st and 2nd Semester

Grade Level: 9, 10, 11, 12

Prerequisite: None

The goal of Physical Education is to develop an active, healthy student capable of using traditional motor skills that offer opportunities for individual and group success. Students engage in activities that are mentally stimulating, physically satisfying and socially sound. This interdisciplinary approach in Physical Education focuses on team building and inclusion of group and individual challenges that develop effective decision making for the enhancement of physical skills and self-esteem. The Physical Education course of study builds on the foundation of skills developed in the elementary and middle school physical education programs. Principles and elements of fitness, individual and team motor skills and cooperative team challenges are emphasized in pursuit of life-long fitness and life-long learners.

Personal Fitness Training

1st and 2nd Semester

Grade Level: 11, 12

Prerequisite: Must pass Physical Education with a B or better or instructor permission.

This course will focus on developing lifelong health wellness, and self-management fitness plans. The curriculum typically covers the five components of fitness (cardiovascular endurance, muscular strength, muscular endurance, flexibility, and body composition), nutrition, safety, and goal-setting. Students will use fitness tracking, journaling, and diverse activities like HIIT, yoga, and weight training to build personalized fitness habits.

Individual Sports	1st and 2nd Semester	Grade Level: 10, 11, 12
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Prerequisite: Must pass Physical Education with a B or better or instructor permission.

This course will focus on developing personal fitness, lifelong recreational skills, and self-discipline through non-team activities. Students will learn rules, techniques, and strategies for sports like tennis, badminton, pickleball, golf, or archery, emphasizing individual goal setting, sportsmanship, and physical wellness.

Lifetime Fitness/Movement	1st and 2nd Semester	Grade Level: 10, 11, 12
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Prerequisite: Must pass Physical Education with a B or better or instructor permission.

This course is designed to expose students to many "lifetime fitness" options available like yoga, dance, pilates, power walking, etc. Students will promote long-term health by teaching, practicing, and valuing physical activity through individual, dual, and group activities.

Health	1st and 2nd Semester	Grade Level: 9, 10, 11, 12
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Prerequisite: None

The goal of Health Education is to acquaint students with factual information so that wise decisions can be made with regard to his/her health and the health of others. Students will engage in group work, as well as individual study on varying topics throughout the course. Topics will engage and challenge the student in the pursuit of creating life-long learners. Topics of study include:

- | | |
|---|---|
| <ul style="list-style-type: none">• Human ecology and health• Human growth and development• Psychological, physiological, hygienic and social responsibilities of family life including sexual abstinence until marriage• Prevention and control of disease• Public and environmental health• Consumer health• Safety education and disaster survival• Mental health and illness | <ul style="list-style-type: none">• Personal health habits• Alcohol and drug use and abuse• Dangers of tobacco use• Nutrition• Dental health• Prevention, transmission, and spreading of AIDS• Sexual assault awareness• Dangers associated with drug and alcohol consumption during pregnancy |
|---|---|

DRIVERS EDUCATION

Drivers Education - Classroom	1st or 2nd Semester - ½ Credit	Grade Level: 9
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Prerequisite: Students must receive a passing grade in at least eight courses during the two semesters prior to enrolling in a driver education course.

The Driver Education course is available to all students between the ages of 15-21 who reside in the Western School District whether or not they are enrolled in school or not. This course familiarizes the students with rules and etiquette of the roadway and 30 hours of instruction are required for all eligible students. Using various methods of instruction, the Driver Education course strives to immerse the learner in an environment which meets the Illinois State Standards of Driver Education. This course challenges learners in order to create safe and reliable drivers. Drivers' Ed courses shall include instruction concerning law enforcement procedures for traffic stops, including a demonstration of the proper actions to be taken during a traffic stop and appropriate interactions with law enforcement. This course is offered during the regular school year during the day.

Drivers Education - Behind the Wheel	1st or 2nd Semester - ½ Credit	Grade Level: 10
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Prerequisite: Completion of Drivers Education

Students are required to finish 6 hours of driving time with the Drivers Education teacher upon completion of the classroom portion of Drivers Education. Topics learned will be starting, stopping, backing, and parking. Students will drive in different environments for experience such as light residential traffic, moderate traffic, and two lane highways. During the above lessons, the student will learn to recognize the problems relating to that particular lesson and how defensively the driver may cope with them. The Drivers Education will make arrangements for hours driven with the students. Students may be able to drive during the school day or arrangements will be made for hours to be clocked before or after school.

- Behind the wheel scheduling is done by the Driver Education teacher.
- It does not show on a class schedule or transcript.
- The oldest students are placed first depending on availability.

FINE ARTS

VISUAL ARTS

2D Art & Drawing	1st and 2nd Semester - ½ Credit Each	Grade Level: 9, 10, 11, 12
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Prerequisite: None

In this hands-on course, students will explore the fundamentals of two-dimensional art with a focus on drawing techniques, composition, and creative expression. Using a variety of materials — including pencil, charcoal, ink, and mixed media — students will develop observational skills, experiment with styles, and build confidence in their artistic abilities. Projects will emphasize both technical skills and personal creativity, encouraging students to express ideas through line, shape, value, texture, and color. No prior experience is required; just curiosity and a willingness to learn!

Color & Design	1st and 2nd Semester - ½ Credit Each	Grade Level: 9, 10, 11, 12
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Prerequisite: None

This course introduces students to the principles of design and the power of color in visual art. Through hands-on projects and creative exploration, students will learn how to use color theory, balance, contrast, rhythm, and unity to create dynamic compositions. Working with a variety of materials — including paint, collage, and digital media — students will build skills in planning, problem-solving, and artistic expression. Whether developing original ideas or drawing inspiration from art history and contemporary design, students will gain a strong foundation for future artistic studies.

Digital Art	1st and 2nd Semester - ½ Credit Each	Grade Level: 9, 10, 11, 12
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Prerequisite: None

This course introduces students to the exciting world of digital art, with a focus on using Procreate and other creative software. Students will learn essential digital drawing and painting techniques, explore layers, brushes, and effects, and develop skills in composition, color theory, and design - all in a digital format. Through a variety of projects, students will build a digital portfolio showcasing original illustrations, concept art, and graphic designs. No prior digital experience is necessary; this course is perfect for students interested in blending technology with artistic creativity and exploring potential careers in digital illustration, animation, and design.

Art Portfolio 1	1st and 2nd Semester - ½ Credit Each	Grade Level: 10, 11, 12
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Prerequisite: Passing grade in at least one art course; Students must present their project idea to the instructor for approval prior to being admitted to this course.

This is an advanced-level course designed for dedicated student artists looking to further develop their technical skills, creativity, and personal style. Students will engage in more complex projects that encourage experimentation with a variety of media, techniques, and artistic concepts. Emphasis is placed on self-directed work, portfolio development, and preparing for potential college or career opportunities in the arts. Students will also participate in critiques, and learn about contemporary and historical artists to deepen their understanding of art's role in culture and personal expression.

Art Portfolio 2	1st and 2nd Semester - ½ Credit Each	Grade Level: 11, 12
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Prerequisite: Passing grade in Art Portfolio 1; Students must present their project idea to the instructor for approval prior to being admitted to this course.

This is an advanced course designed for the serious art student. Students will work independently and focus on compiling an art portfolio on approved projects.

Yearbook 1	Full Year - 1 Credit	Grade Level: 9, 10, 11, 12
Yearbook 2	Full Year - 1 Credit	Grade Level: 10, 11, 12

Prerequisite: Basic computer skills

***Students may take Yearbook for a maximum of two years.**

This course uses a personal computer, Microsoft Publisher, Jostens Yearbook Avenue software and digital photography equipment to produce high quality documents that combine text and graphics. Using these elements, students will produce a combined high school and junior high school yearbook highlighting numerous events during the school year and also create programs and brochures for school events.

Students enrolled in this course are required to solicit advertising for the yearbook, a major source of funding for the publication of the yearbook. The class will have the opportunity to travel as a group in school transportation for one school day to nearby communities and will also be given class time to contact area businesses by phone to meet the ad sales requirement. If a student is not able to generate adequate sales through these two methods, he/she will need to invest time outside the hours of the school day.

PERFORMING ARTS

Chorus - Performance Ensemble	Full Year - 1 Credit	Grade Level: 9, 10, 11, 12
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Prerequisite: None

Western HS Choir is a class that is open to the entire school. They sing a variety of styles from many historical eras, but focus on concert literature and developing proper voice technique. Members perform at Christmas & Spring concerts as well as at graduations. Choir Members can also participate in All-District, All-State, PCC Choir, and solo and ensemble events. This course may also be taken as an independent study given director consent.

Band - Performance Ensemble	Full Year - 1 Credit	Grade Level: 9, 10, 11, 12
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Prerequisite: None

Western HS Band is a class that is open to the entire school. Band members are expected to participate in Marching Band in the Fall and Spring, Pep Band in the Winter, and Concert Band as requested. This performance schedule includes 5+ competitive and non-competitive parades, home basketball games, Christmas and spring concerts, graduations, and Solo & Ensemble Contest. Band Members can also audition to participate in All-District, All-State, and PCC Honor Band. This course may also be taken as an independent study given director consent.

Drama	Full Year - 1 Credit	Grade Level: 9, 10, 11, 12
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Prerequisite: None

This class will allow students to explore the world of theatre and drama. Students will learn about the history of theatre, act in scenes, scene reading, playwriting and workshopping. They will learn to analyze plays and learn key skills for auditioning and being involved at a theatre.

AGRICULTURE

For all agriculture courses: 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.

Introduction to Agriculture

Full Year - 1 Credit

Grade Level: 9, 10, 11, 12

Prerequisite: None

This 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, agribusiness management, and agricultural mechanics, will be presented. Students will learn about FFA History, Structure, parliamentary procedure, leadership skills and public speaking. Improving computer and workplace skills will be a focus. Participation in FFA activities and Supervised Agricultural Experience (SAE) projects is an integral course component of this class.

Animal Science - Agriculture (BSAA)

Full Year - 1 Credit

Grade Level: 10,11,12

Prerequisite: Introduction to Agriculture

This course may count as a science elective.

This course is designed to introduce students to the livestock (beef, dairy, sheep, goats, and swine), poultry, and large (equine) animal industry and provide them with basic animal science knowledge that can be further developed in advanced animal science courses. Major units of instruction include animal science careers, animal anatomy and physiology, animal reproduction, animal nutrition, genetics, animal health, small and large animal care, and meat science. Improving computer and workplace skills will be a focus. Participation in FFA activities and Supervised Agricultural Experience (SAE) projects is an integral course component of this class.

Plant Science - Agriculture

Full Year - 1 Credit

Grade Level: 10,11,12

Prerequisite: Introduction to Agriculture

This course may count as a science elective.

This course is designed to reinforce and extend students' understanding of science by associating basic scientific principles and concepts with relevant applications in agriculture. Students will examine major phases of plant growth and management in agriculture and the specific biological science concepts that govern management decisions. Topics of study are in the areas of initiating plant growth – cell structure and function, germination, plant sensory mechanisms, enzyme action, absorption, and managing plant growth – photosynthesis, respiration, translocation, metabolism, genetics, taxonomy, and growth regulation. The course will be valuable preparation for further education and will increase the relevance of science through the applied setting of agriculture by enhancing literacy in science and the scientific process. Improving computer and workplace skills will be a focus. Participation in FFA activities and Supervised Agricultural Experience (SAE) projects is an integral course component of this class.

Natural Resource Conservation Management	Full Year - 1 Credit	Grade Level: 10,11,12
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Prerequisite: Introduction to Agriculture

This course develops management and conservation skills in understanding the connection between agriculture and natural resources. Student knowledge and skills are developed in understanding natural resources and its importance; fish, wildlife, prairies, and forestry management and conservation; and exploring outdoor recreational enterprises. Hunting and fishing as a sport, growing and managing tree forests, and outdoor safety education will be featured. Career exploration will be discussed including park ranger, game warden, campground manager, forester, conservation officer, wildlife manager, and related occupations. Improving computer and workplace skills will be a focus. Participation in FFA activities and Supervised Agricultural Experience (SAE) projects is an integral course component of this class..

Agriculture Communications	Full Year - 1 Credit	Grade Level: 10,11,12
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Prerequisite: Introduction to Agriculture

Agricultural Communication courses introduce the broad field of agricultural communications and provides for the development of knowledge and skill in specific areas related to communications theory and practice. Content includes the meaning and process of communication, the role and history of print and electronic media, legal aspects of agricultural communications, news and feature writing in agriculture, news photography, layout and design, and ethics in agricultural communications. Content will also include web design and broadcast journalism in agriculture. Participation in FFA activities and Supervised Agricultural Experience (SAE) projects is an integral course component of this class.

Agricultural Mechanics	Full Year - 1 Credit	Grade Level: 10,11,12
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Prerequisite: Introduction to Agriculture or concurrent enrollment

This course focuses on the knowledge, hands-on skills, and workplace skills applicable to construction in the agricultural industry. Instruction includes: Personal safety, hand tools, power tools, blueprint reading, surveying, and construction skills in carpentry, plumbing, electricity, concrete, block laying, drywall and painting. Several career fields will be explored such as carpenter, plumber, electrician, agricultural engineer, concrete and block layers, finishers, safety specialists, and other related occupations will be examined. Improving workplace and computer skills will be a focus.

Agricultural Mechanics 2	Full Year - 1 Credit	Grade Level: 10,11,12
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Prerequisite: Agricultural Mechanics with a grade of C or better

This course is a continuation of Agricultural Mechanics. Students will complete more advanced projects which will strengthen their skills and understanding of construction in the agricultural industry.

Ag Foods - Food Science	Full Year - 1 Credit	Grade Level: 10,11,12
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Prerequisite: Introduction to Agriculture

This course explores the scientific principles behind food production, processing, safety, & sustainability. Students will engage in hands-on activities, laboratory experiments, & project-based learning to understand the critical role of science in the food system. Key topics include food chemistry, microbiology, engineering, nutrition, & sustainable practices.

SPECIAL EDUCATION

★ Courses listed in this section are ONLY available to students with an Individualized Education Plan (IEP).
★ IEP students may also take any courses in the general curriculum for which they qualify.
★ Graduation Requirements Students enrolled through the Special Services program are required to earn the same 25 credits at Western High School unless otherwise written in their Individualized Education Plan (IEP).
★ Special Services Department/Case Managers need to be consulted and approve placement in any of the classes listed in this section before placement or changes take place.
★ Placement or change of placement requires legal changes to the IEP and parental notification.

Self Contained Classes

English	Full Year - 1 Credit	Grade Level: 9, 10, 11, 12
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Prerequisite: Individualized Education Plan and instructor approval

This course will focus on the concepts presented in general English courses, but with a modified content/pace relevant to individual student needs.

History	Full Year - 1 Credit	Grade Level: 9, 10, 11, 12
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Prerequisite: Individualized Education Plan and instructor approval

This course will focus on the concepts presented in general history courses, but with a modified content/pace relevant to individual student needs.

Science	Full Year - 1 Credit	Grade Level: 9, 10, 11, 12
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Prerequisite: Individualized Education Plan and instructor approval

This course will focus on the concepts presented in general science courses, but with a modified content/pace relevant to individual student needs.

Math	Full Year - 1 Credit	Grade Level: 9, 10, 11, 12
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Prerequisite: Individualized Education Plan and instructor approval

This course will focus on the concepts presented in general math courses, but with a modified content/pace relevant to individual student needs. ALEKS math is often used for this program.

Spanish 1A	Full Year - 1 Credit	Grade Level: 9, 10, 11, 12
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Prerequisite: Approval of counselor and instructor

Spanish 1A provides students with a foundation in the Spanish language as well as a glimpse into the culture of various Spanish-speaking countries. Students will leave with very basic Spanish speaking and writing skills. Spanish 1A is a slower paced Spanish language class offered to ensure students in need of extra support are able to achieve their foreign language requirement for graduation.

Life Skills	Full Year - 1 Credit	Grade Level: 9, 10, 11, 12
Prerequisite: Individualized Education Plan and instructor approval		

This course will incorporate practical, everyday skills necessary for independent living, social interaction, and community participation. These skills encompass a wide range of abilities, including personal hygiene, communication, social skills, and vocational readiness.

Career Exploration	Full Year - 1 Credit	Grade Level: 9, 10, 11, 12
Prerequisite: Individualized Education Plan and instructor approval		

The purpose of this course is to increase students' understanding of the skills necessary to gain and to keep meaningful employment after graduation from high school. Topics covered will include self-advocacy, the development of soft skills (punctuality, hygiene, teamwork, initiative), career planning, seeking a job, keeping and succeeding on the job, money management, and independent living. In addition, students will investigate the dynamics of different work environments.

**CTE PROGRAMS
AVAILABLE TO
WESTERN HIGH SCHOOL
STUDENTS
2026-2027**



JWCC Welding Program



Welding II - 6 Credit Hours

Grade Level: 12

Prerequisite: Completion of the entire Welding I program in good standing.

Classes will meet on Mondays, Tuesdays, and Wednesdays 7th and 8th hour at WHS.

***Based on the 25-26 school year**

Students that complete Welding I and II in high school will earn the Illinois Basic Welding Certificate.

****Students that are failing any class or have missing assignments in any class may be required to stay on campus in a supervised area to complete schoolwork on Thursday and Friday afternoons.**

For the 2026-27 school year the fees for welding courses will be covered by a trades grant through John Wood Community College.

JWCC CNA Program



Certified Nursing Assistant (CNA) Program (Fall or Spring)

Grade Level: 11-12

Prerequisite: 3.0 GPA; Must be accepted into the program

16 Week Classes: 7 Credit Hours

NUA 101: Basic Nurse Assistant (6 Credit Hours)

NUA 103: Nursing Assistant Practicum (1 Credit Hour)

Fall and Spring schedules are not determined yet and will vary depending on instructor availability. If you are interested, please see Mrs. McCollum about how it might work on your schedule.

For the 2026-27 school year the fees for CNA courses will be covered by a trades grant through John Wood Community College.

JWCC ON CAMPUS CTE Programs



Industrial Maintenance Technology Career Academy (Fall or Spring)

Grade Level: 11-12

Prerequisite: Must be accepted into the program

Classes are held at the JWCC Workforce Development Center on Thursdays from 8am - 12pm.

To enroll in this program a senior would need to combine this with Work Based Learning or another program due to the class time. If interested, see Mrs McCollum to find out if it can work on your schedule.



Truck Driver Training Career Academy (Fall or Spring)

Grade Level: 11-12

Prerequisite: Must be accepted into the program

Classes are held at the JWCC Workforce Development Center on Thursdays from 8:30am - 12:15pm.

To enroll in this program a senior would need to combine this with Work Based Learning or another program due to the class time. If interested, see Mrs McCollum to find out if it can work on your schedule.

CTE Programs Available to Western High School Students

HCTC & QAVTC 2026-2027

Choose Your Path: A Guide to QAVTC & HCTC Programs

Application Essentials
February 2, 2026
 Headline: **Deadline: February 2, 2026**
 Supporting Detail: Late applications will not be considered, so submit on time.

Teacher Recommendation Required
 Supporting Detail: Students must ask a teacher to complete a recommendation form.

90% Attendance is Mandatory
 Supporting Detail: Program attendance expectations are similar to those in the workplace.

Quincy Area Vocational-Technical Center (QAVTC)

Headline: Transportation is Student's Responsibility.
 Supporting Detail: Students must arrange their own transport to and from the center.

Headline: Earn 3 Credits Annually.
 Supporting Detail: Most classes are daily morning sessions from 7:30 AM to 9:06 AM.

Available Program Areas
 Automotive, Childcare, Construction, Diesel Tech, Graphic Arts, Health, & Welding

Hannibal Career and Technical Center (HCTC)

Headline: Transportation is Provided.
 Supporting Detail: The school provides transport for students attending the center.

Headline: Earn 4 Credits Annually.
 Supporting Detail: All classes are daily afternoon sessions from 11:25 AM to 2:15 PM.

Available Program Areas
 Automotive, Building, Cosmetology, Criminal Justice, Culinary, Machining, Teaching, & Welding

© NotebookLM

General Information

Hannibal Career & Technical Center

- Transportation will be provided for afternoon classes
- Morning classes are a possible option - student must provide transportation

Quincy Area Vocational Technical Center

- Morning classes are available - student must provide transportation
- Afternoon/Evening classes are available - student must provide transportation

Student Eligibility Criteria

Credits - Students must be on track to graduate.

GPA - Students must have a 2.0 cumulative GPA or higher

Attendance - Students must have 90% attendance or higher in the previous semester

Citizenship - Students must have no major discipline infractions in the previous semester

School Discipline - Students must demonstrate good citizenship outside of school

Hannibal Career and Technical Center Courses 2026-2027

Transportation is provided. All classes are offered during the following time periods:

Daily - Periods 4-8

- 4 credits earned annually
- 11:25 AM - 2:15 PM

If a course is offered at a different time, students may provide their own transportation provided the course fits within the WHS schedule and is approved by the principal and counselor.

AUTOMOTIVE TECHNOLOGY

- | | | | |
|---|--------------------|-------|-----------|
| • | Auto Technology I | 11-12 | 4 Credits |
| • | Auto Technology II | 12 | 4 Credits |

BUILDING TRADES TECHNOLOGY

- | | | | |
|---|--------------------|-------|-----------|
| • | Building Trades I | 11-12 | 4 Credits |
| • | Building Trades II | 12 | 4 Credits |

COSMETOLOGY

- | | | | |
|---|----------------|-------|-----------|
| • | Cosmetology I | 11-12 | 4 Credits |
| • | Cosmetology II | 12 | 4 Credits |

CRIMINAL JUSTICE

- | | | | |
|---|---------------------|-------|-----------|
| • | Criminal Justice I | 11-12 | 4 Credits |
| • | Criminal Justice II | 12 | 4 Credits |

CULINARY ARTS

- | | | | |
|---|-----------------|-------|-----------|
| • | Culinary Arts 1 | 11-12 | 4 Credits |
| • | Culinary Arts 2 | 12 | 4 Credits |

MACHINE TOOL TECHNOLOGY

- | | | | |
|---|---|-------|-----------|
| • | Machine Tool Technology I | 11-12 | 4 Credits |
| • | Machine Tool Technology II | 12 | 4 Credits |
| • | CNC Machining II (May be available) | 11-12 | 1 Credit |
| • | Precision Machining I (May be available) | 11-12 | 2 Credits |
| • | Precision Machining II (May be available) | 11-12 | 2 Credits |

TEACHING PROFESSIONS - Morning Classes

- | | | | |
|---|---|-------|-----------|
| • | Teaching Professions | 11-12 | 4 Credits |
| • | Introduction To Teaching (May be available) | 11-12 | 1 Credit |
| • | Child Development (May be available) | 11-12 | 1 Credit |

WELDING TECHNOLOGY

- | | | | |
|---|------------|-------|-----------|
| • | Welding I | 11-12 | 4 Credits |
| • | Welding II | 12 | 4 Credits |

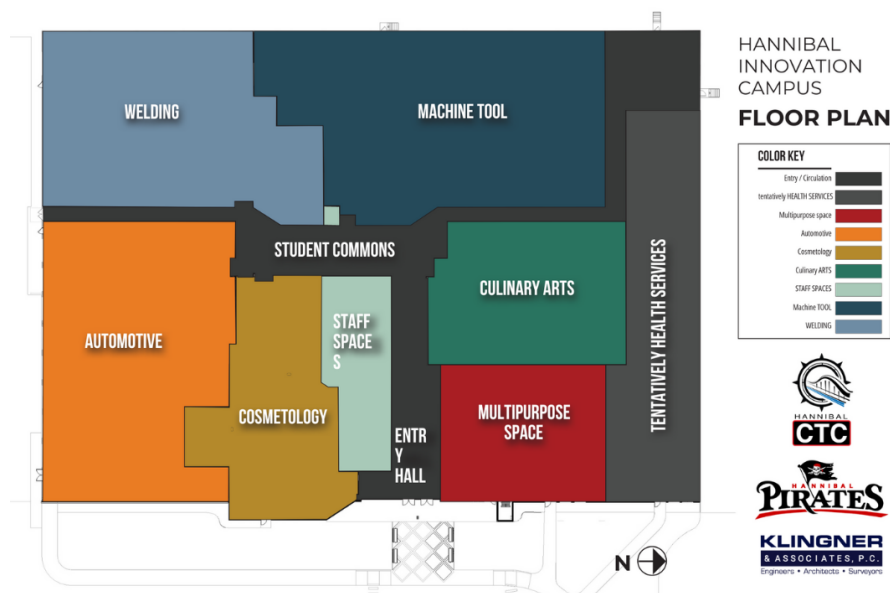
CULINARY ARTS

- | | | | |
|---|------------------|-------|-----------|
| • | Culinary Arts I | 11-12 | 4 Credits |
| • | Culinary Arts II | 12 | 4 Credits |

ARCHITECTURAL AND ENGINEERING DESIGN - DRAFTING

- | | | | |
|---|---|-------|----------|
| • | Intro to Engineering Design I (May be available) | 11-12 | 1 Credit |
| • | Engineering Design II (May be available) | 12 | 1 Credit |
| • | Architectural and Engineering Design III (May be available) | 12 | 1 Credit |

Hannibal Career & Technical Center Courses



AUTOMOTIVE TECHNOLOGY

Auto Technology I

Full Year - 4 Credits

Grade Level: 11-12

Prerequisite: Ability to lift up to 45 lbs; Must have a valid driver's license; Recommended to have a C or better in Algebra 1.

Automotive Technology is a highly technical program designed to prepare you with an extensive knowledge of automotive parts and application in brakes, steering and suspension, electrical, and heating and air conditioning. This class will look at Automotive Theory and apply hands-on training in a lab setting.

Auto Technology II

Full Year - 4 Credits

Grade Level: 12

Prerequisite: Successful completion of Auto Technology I(classroom) with a C or better. Must have a valid driver's license.

Automotive Technology II is a highly technical program designed to prepare you with an extensive knowledge of automotive parts and application in Engine Repair, Engine Performance, Automatic Transmissions, and Manual drivetrain and axles. This class will look at Automotive Theory and apply hands-on training in a lab setting.

CULINARY ARTS

This is a new program at HCTC and will be taught at the new Innovation Campus. There is not currently a description for the program. It will be offered in the same manner as the other programs listed.

Culinary Arts 1

Full Year - 4 Credits

Grade Level: 11-12

Culinary Arts 2

Full Year - 4 Credits

Grade Level: 12

BUILDING TRADES TECHNOLOGY

Building Trades I

Full Year - 4 Credits

Grade Level: 11-12

Prerequisite: Ability to lift up to 45 lbs

Fees: Students will provide personal tools.

This course is an introduction to the basic building materials, components, methods, and sequences in residential construction. It is designed to give students basic, entry level skills in construction and related trades along with an overview of career opportunities available. Emphasis is placed on safety and the proper use of both hand and power tools. This course provides students the experience of participating in the building of a house along with various woodworking skill building projects.

Building Trades II

Full Year - 4 Credits

Grade Level: 12

Prerequisite: Successful completion of Building Trades I with a C or better.

Fees: Students will provide personal tools.

This is the second year of a two-year program. This course is an introduction to the basic building materials, components, methods, and sequences in residential construction. It is designed to give students basic, entry level skills in construction and related trades along with an overview of career opportunities available. Emphasis is placed on safety and the proper use of both hand and power tools. This course provides students the experience of participating in the building of a house along with various woodworking skill building projects.

TEACHING PROFESSIONS

Teaching Professions

Full Year - 4 Credits

Grade Level: 11-12

Note: This course is offered in the morning session. Students must have their own transportation.

Teaching Professions will provide students the opportunity to explore a variety of careers in education. Students will examine the historical, psychological, and social foundations of education. Students will also gain an understanding of the areas and stages of human growth and development, examining the physical, intellectual, and emotional components of human growth and development from birth through adolescence. Students will explore classroom culture, methods of instruction and assessment, educational philosophies, classroom strategies, and ethical issues in teaching. Classroom observations at various levels, from lower elementary to secondary, complete this look at education. During this 4 block class students will be taking courses that align to the HLGU curriculum as listed below. Students are not required to take dual credit.

Students MUST take ALL classes AS listed below.

1st Semester

8396 Teaching Field Experience 1

8398 Psychology of Learning

8399 Literacy for Diverse Learners

2nd Semester

8397 Teaching Field Experience 2

8412 Curriculum & Instruction

8413 Psychology and Education of the Exceptional Child

COSMETOLOGY

Cosmetology I

Full Year - 4 Credits

Grade Level: 11-12

Prerequisite: Students are required to have a student license issued by the MO State Board of Cosmetology and Barber Examiners prior to the beginning of school. This process takes at least 2 weeks after paperwork is submitted to the HCTC office.

Fees: Cosmetology tools will be purchased by HCTC and reimbursed by students in 4 equal payments due before the end of each semester. Payments will be forfeited if a student is expelled or drops out of the program. The cost of the entire kit and testing is \$902. Once a student passes their test fees are refunded. The student takes home his/her kit upon completion of payments.

Uniform: Discuss the first day of class.

This course is for students who wish to pursue a career in the field of Cosmetology. Cosmetology consists of haircutting, hair coloring, shampooing, styling, arranging hair, manicures, pedicures, hair removal, scalp treatments, chemical texture services (perms and relaxers), disinfection procedures and many other services. Students are required to have a specific amount of hours in each of the subjects required by the MO State Board of Cosmetology and Barber Examiners. Once a student has acquired 160 hours they will be allowed to work on actual clients in the salon. The Cosmetology school is open to the public, therefore clients will come to the school to have students perform services.

Cosmetology II

Full Year - 4 Credits

Grade Level: 12

Prerequisite: Successful completion of Cosmetology I class with a C or better.

Fees: Cosmetology tools will be purchased by HCTC and reimbursed by students in 4 equal payments due before the end of each semester. Payments will be forfeited if a student is expelled or drops out of the program. The cost of the entire kit and testing is \$902. Once a student passes their test fees are refunded. The student takes home his/her kit upon completion of payments.

This course is designed for second year students who wish to pursue a career in the field of Cosmetology. Cosmetology consists of haircutting, hair coloring, shampooing, styling, arranging hair, manicures, pedicures, hair removal, scalp treatments, chemical texture services (perms and relaxers), disinfection procedures and many other services. Students are required to have a specific amount of hours in each of the subjects required by the MO State Board of Cosmetology and Barber Examiners. The Cosmetology school is open to the public, therefore clients will come to the school to have students perform services. At the completion of the second year, students will be required to take a written State Board exam and a practical State Board exam. Once both exams have been taken and passed, the student will be issued a CA Cosmetology License.

CRIMINAL JUSTICE

Criminal Justice I

Full Year - 4 Credits

Grade Level: 11-12

Prerequisite: None

Class Fee/Uniform: Criminal Justice students will be required to wear an official uniform. HCTC will purchase shirts, pants, and boots that are part of the class (\$140). Students are expected to pay for items before the end of first year, failure will result in being able to come back into the program for the 2nd year and uniform will be property of HCTC. Payments made to HCTC will be forfeited if the student is expelled or drops out of the program. Uniform is property of the student after payments, but must remain in the assigned HCTC locker.

The law enforcement program is a police academy based classroom environment. Students will learn basic patrol skills as well as dispatching and military preparation. A uniform will be required for all students. Students will learn the basics of initiating a traffic stop, radio communications, officer safety, stop completion, crime scene search, crime scene sketch, crime scene documents, and proper packaging of evidence. Career exploration into possible careers such as military, corrections, social work, police and many more. Physical training will be required by all students in this program.

Criminal Justice II

Full Year - 4 Credits

Grade Level: 12

Prerequisite: Successful completion of Law Enforcement I with a C or better and uniform is paid for.

Uniform Required: Students will wear uniforms purchased in Criminal Justice I.

The law enforcement program is a police academy based classroom environment. Students will learn basic patrol skills as well as dispatching and military preparation. A uniform will be required for all students. Students will learn class leadership, Police code of ethics, use of force, basic patrol procedures, communications basics, detection of intoxication, combat life saving course, basic corrections, weapons safety and fundamentals, and career planning and management. Physical training will be required by all students in this program.

MACHINE TOOL TECHNOLOGY

Machine Tool I

Full Year - 4 Credits

Grade Level: 11-12

Prerequisite: Recommended Algebra I with a C or better.

Students taking this course will be preparing for a career as a Machinist, CNC Machinist, or Tool and Die Maker. This course consists of activities and projects that teach machining fundamentals. Students will be taught safe operation of the lathe, mill, drill press, saw, grinder, and CNC (Computer Numerical Control) machine. Students will also use CAD (Computer Aided Design) for machining. Students will learn to use a laser for engraving and cutting operations. Students will use a 3D printer to verify designs. Students will need a strong background in math for this course.

Machine Tool II

Full Year - 4 Credits

Grade Level: 11-12

Prerequisite: Successful completion of Machine Tool Technology I with a C or better.

Students work with more advanced setup and machining processes including Computer Numerical Control (CNC) and Computer Aided Design-Computer Aided Machining (CAD-CAM). In addition, students will learn to program and set up a Fanuc robot for manufacturing processes.

WELDING TECHNOLOGY

Welding I

Full Year - 4 Credits

Grade Level: 11-12

Prerequisite: Ability to lift up to 50 lbs. and have good hand and eye coordination.

Shop Fee: \$25

Equipment: Must furnish leather work boots and work pants; jeans without holes and frays are acceptable. (No tennis shoes, open-toe shoes, loafers or synthetic clothing allowed in the shop.)

Students will learn several types of welding and cutting processes in this program. They will become familiar with Oxy-Fuel welding, cutting and brazing, Shielded Metal Arc (Stick), Gas Metal Arc (MIG or Wire) and Flux Cored Wire welding, Gas Tungsten Arc (TIG or Heli-Arc) and Plasma and Carbon-Air cutting. CNC Plasma cutting (design custom signs and parts that can be used as projects). Welding knowledge and skills competitions are available to participate through SkillsUSA and other nationally recognized welding schools to win scholarships and welding equipment. Students will also identify the welding processes used for given jobs and learn how to identify different types of materials. Many class hours are devoted to building projects and doing various kinds of repairs and maintenance welding. Good math and reading skills, along with drafting classes would prove beneficial to students in the welding program. In the manufacturing, construction, pipe-fitting, aerospace, and food service industries the metal forming and joining of metals by welding is in high demand. Modern industry has a need for skilled individuals with varying degrees of technical training. Current wages for welders range from \$18 per hour to as much as \$56 per hour or higher if certified.

NOTE: It is mandatory that all safety requirements be met before students are allowed into the shop.

Welding I

Full Year - 4 Credits

Grade Level: 12

Prerequisite: Successful completion of Welding I with a C or better

Shop Fee: \$25

Equipment: Must furnish leather work boots and work pants; jeans without holes and frays are acceptable. (No tennis shoes, open-toe shoes, loafers or synthetic clothing allowed in the shop.)

Second-year students will learn more advanced techniques in Arc, MIG, and TIG welding, various cutting processes, and print reading. Weld symbols will also be incorporated in this course. All levels of AWS (American Welding Society) certifications for structural metals and pipe welding will be available. Students will be prepared for the skills needed to enter the workforce at an above average level; with an emphasis on direct school-to-work either local or abroad. On-the-Job training is allowed during the second semester of this class for qualifying students; gain real work experience; get paid while you work and learn and get credit for the class while working in local industry. Students will complete projects that demonstrate mastery of skills learned throughout this course. Seniors may also participate in welding competitions held at post-high school level to earn scholarship tuition and welding equipment prizes.

The following courses may or may not be available, depending on space and the time courses are offered. If you are interested in these please make a note on your schedule request and talk to Mrs. McCollum about your interest.

Introduction to Engineering Design I Full Year - 1 Credit Grade Level: 11-12

Prerequisite: Recommended Algebra I with a “C” or better or currently enrolled in Algebra I.

Introduction to Engineering Design I is an introductory course to help prepare students for the modern technology-intensive world. Students will draw graphic representations of real objects. Instruction includes descriptive geometry and two methods of engineering graphics, manual drafting using conventional drafting techniques and computer aided drafting (CAD). The course will cover methods used in various areas of the industry including letter skills, orthographic projections, pictorial drawing, and sectioning with emphasis in drafting standards. Introductory drafting on AutoCAD and Autodesk Inventor.

Engineering Design II Full Year - 1 Credit Grade Level: 11-12

Prerequisite: Successful completion of Engineering Design I with a “C” or better.

Engineering Drafting II is a continuation of Engineering Drafting I. This class involves more advanced techniques and concepts. This class requires the student to retain information from Eng. Drafting I, be self-guided, and are leading themselves to be specialized in an engineering career field. Besides hand-created drawings, students will work with more advanced 3D modeling techniques, rendering, and will be introduced to computer animation on AutoCAD and Autodesk Inventor.

Dual Credit: This class will have the option to take as dual credit with MACC as AMT 211. This class can be taken as 3 college credits. 10th grade students must have a 3.0 GPA to enroll as dual credit. 11th and 12th grade students must have a 3.0 GPA to enroll as dual credit or 2.5 GPA with counselor recommendation.

CNC Machining I Full Year - 1 Credit Grade Level: 11-12

Prerequisite: Algebra I with a “C” or better.

Students will learn how to program, set-up, and operate a CNC (Computer Numerical Control) machine. Students will learn to solid model in Solidworks design software and be able to use their designs with a 3D printer. In addition to CNC machines, students will learn to use a laser for engraving and cutting operations. Students will need a strong background in math for this course.

CNC Machining II Full Year - 1 Credit Grade Level: 12

Prerequisite: Successful completion of CNC Machining I with a C or better.

Students will work with advanced CNC set-up and programming methods utilizing CAM.

Precision Machining I Full Year - 2 Credits Grade Level: 11-12

Prerequisite: Algebra I with a “C” or better.

Students taking this course will be preparing for a career as a Machinist or Tool and Die Maker. This course consists of activities and projects that teach machining fundamentals. Students will be taught safe operation of the lathe, mill, saw, and grinder. This course is project based and students will spend the majority of class time working on projects in the machine shop.

Precision Machining II Full Year - 2 Credits Grade Level: 12

Prerequisite: Successful completion of Precision Machining I with a C or better.

Students will build upon manual machining techniques and processed learning in Precision Machining I. In addition students will learn surface grinding and small tolerance measurement techniques. Students will learn manual Computer Numerical Control (CNC) programming, setup, and operation.

Quincy Area Vocational Technical Center Courses

Students are responsible for providing their own transportation. Classes are offered during the following time periods:

Daily - Periods 1-2

- 3 credits earned annually
- 7:30 AM - 9:06 AM

Tuesday-Wednesday STP (Shared Training Programs)

- 3 credits earned annually
- 2:30 PM - 6:30 PM

AUTOMOTIVE TECHNOLOGY

- Auto Technology - Daily - Period 1-2 - 7:30 AM - 9:06 AM
- Auto Technology - Wednesday STP - 2:30 PM - 6:30 PM

CHILDCARE

- Childcare - Daily - Period 1-2 - 7:30 AM - 9:06 AM

CONSTRUCTION

- Construction - Daily - Period 1-2 - 7:30 AM - 9:06 AM

DIESEL TECHNOLOGY

- Diesel Technology - Daily - Period 1-2 - 7:30 AM - 9:06 AM
- Diesel Technology - Wednesday STP - 2:30 PM - 6:30 PM

GRAPHIC ARTS

- Graphic Arts - Daily - Period 1-2 - 7:30 AM - 9:06 AM

HEALTH OCCUPATIONS

- Health Occupations - Wednesday STP - 2:30 PM - 6:30 PM

WELDING - METAL WORKING

- Welding-Metal Working - Daily - Period 1-2 - 7:30 AM - 9:06 AM
- Welding-Metal Working - Wednesday STP - 2:30 PM - 6:30 PM

QAVTC TUESDAY AND WEDNESDAY NIGHT STP COURSES

The Shared Training Program (STP) offers career and technical education to adults and high school students. Students may come to QAVTC and receive the same caliber of career and technical education that students enrolled during the school day receive.

STP classes run from 2:30-6:30 every Tuesday and Wednesday evening during the school year.

Automotive Technology

Learn how to keep the vehicle repaired and running well. Learn the automobile from the basics through the features of late models, including electronic ignitions and computerized engines.

Child Care

Learn how to teach and care for the younger child. This course is designed to provide students interested in child and day care operations with information and practical experiences needed for the development of job-related competencies.

Culinary Arts

Learn how to plan, prepare and serve meals to larger groups. Catering and the restaurant industry will be taught. Students can earn a Food Safety Certificate through ServSafe.

Construction Trades

All areas of construction will be practiced in the classroom and off-site locations. Students receive hands-on experience building a real house.

Diesel Equipment Technology

Learn to service, maintain and repair all systems of diesel powered equipment, including OTR trucks, delivery/work trucks, construction and ag equipment. Basic CDL training can be included in the second semester of senior year.

Emergency Medical Technician (EMT)

This program is open to Adams County Seniors. Students will learn all aspects of medical care required to pass the National Emergency Medical Technician exam.

Graphic Communications

Learn the printing and graphic design industry. Students use Macintosh computers in graphic design and layout with QuarkXpress, Adobe Photoshop, Adobe Illustrator and other industry-standard software. Screen printing procedures and printshop processes are also studied.

Health Occupations

Prepare for nurse assisting. Satisfactory completion of both classroom and clinical results in eligibility for Illinois Department of Public Health Certified Nurse Assistant (CNA) testing. Requires clinical fee, clinical uniform and a \$60 returnable book fee.

Metalworking & Welding Fabrication

Learn a variety of metal working skills. Students will learn how to cut, machine, bend, weld, braze and shape different metals to achieve the desired finished product. Shop safety, precision measurement, tool and equipment use, blueprint reading and layout work will be taught.

QAVTC Programs of Study



Career & Technical Programs

Day Classes (HS Only)

Shared Training Programs (STP)
Tuesday & Wednesday nights (HS
and Adults)

Use the QR code below to watch
short videos of our programs!



QUINCY AREA VOCATIONAL
TECHNICAL CENTER/
WEST CENTRAL REGION EDUCATION
FOR EMPLOYMENT SYSTEM

219 Baldwin Dr
Quincy, IL 62301

Phone 217-224-3775 Fax 217-221-4800
www.qps.org/qavtc Email: qavtc@qps.org

Career and technical courses, offered to high school students, are designed to develop entry level skills for immediate employment or related advanced training.

QAVTC day classes meet every day for two class periods during the school year. The classes are available for students coming from member high schools in Adams & Pike Counties. Day classes can earn 2.5 credits. STP classes meet Tuesdays (Welding) or Wednesdays (Auto Tech and CAN) 2:30—6:30 pm August through May and are open to high school and adult participants.

- Agriculture Science
- Automotive Technology
- Business Management/Marketing
- Business Occupational Experience
- Child Care
- Culinary Arts
- Computer Aided Drafting & Design
- Construction
- Diesel Equipment Technology
- Electronics/Robotics
- EMT (Adams County Seniors only)
- Project Lead the Way (Pre-Engineering Program)
 - Intro to Engineering Design (IED)
 - Principles of Engineering (POE)
 - Digital Electronics
- Graphic Communications
- Health Occupations/CNA Certification
- Metalworking & Welding Fabrication