ZANESVILLE HIGH SCHOOL

2026-2027
CURRICULUM GUIDE
SCHEDULING HANDBOOK



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CURRICULUM GUIDE
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This booklet contains information about graduation requirements and the curricular options at Zanesville High School, including the courses offered and the procedures for class registration for the 2026-2027 school year. It is the privilege of the student and his or her parents/guardians to choose appropriate courses to meet the student's needs and the school's requirements.

A carefully planned high school course of study will prepare and guide a student into their next steps after high school and ultimately into the career of their choice. School counselors actively engage with students in the planning of their course of study, progress towards graduation, future planning, etc. School counselors provide support in social/emotional growth and development, academic development, and college/career readiness. All students should graduate with a plan for employment, enrollment, enlistment, or entrepreneurship and be prepared to take their next steps in their chosen direction. This booklet provides information for students to help equip students with those future goals and plans.

The students and parents/guardians should read this book carefully and decide together which courses to include on the registration form for the 2026-2027 school year.

This book will be posted on the school website under the School Counseling section.

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COURSE LISTING

The following is a list of courses to be offered in the 2024-2025 school year. Brief course descriptions are included in the department sections that follow.

COURSE LENGTH CODES: S = SEMESTER Y = YEAR

Length	Course No.	Title	Year	Credit	NCAA
English Core Courses					
Y	1010	English 1 Honors	9	1.00	Y
Y	1012	English 1 CP	9	1.00	Y
Y	1013	English 1	9	1.00	Y
Y	1020	English 2 Honors	10	1.00	
Y	1022	English 2 CP	10	1.00	Y
Y	1023	English 2	10	1.00	Y
Y	1030	English 3 Honors	11	1.00	
Y	1032	English 3 CP	11	1.00	Y
Y	1033	English 3	11	1.00	Y
Y	1042	English 4 CP	12	1.00	Y
Y	1043	English 4	12	1.00	Y
S	ZS1500	Zane State Comp 1	11-12	1.00	Y
S	ZS2600	Zane State Amer. Literature	11-12	1.00	Y
S	1510	Public Speaking CP	10-12	0.50	Y
English Elective Courses					
S	1005	English EOC Test Prep	11-12	0.50	
S	1019	English Power Up	9	0.50	
Mathematics Courses					
Y	2010	Algebra 1	9	1.00	Y
Y	2011	Algebra 1 CP	8-9	1.00	Y
Y	2020	Geometry	10	1.00	Y
Y	2021	Geometry CP	9-10	1.00	Y
Y	2022	Geometry Honors	9-10	1.00	Y
Y	2200	Intro to Algebra 2	11	1.00	
Y	2030	Algebra 2	11-12	1.00	Y
Y	2031	Algebra 2 CP	10-12	1.00	Y
Y	2032	Algebra 2 Honors	10-12	1.00	Y
Y	2212	Precalculus	11-12	1.00	Y
Y	2701	Intro to Statistics	11-12	1.00	Y
S	ZS1340	Zane State College Alg.	11-12	1.00	Y
S	ZS1350	Zane State Precalculus	11-12	1.00	Y
Y	ZS2510	Zane State Calculus	12	1.00	Y
Math Elective Courses					
S	2005	Math EOC Test Prep	10-12	0.50	
S	2019	Algebra 1 Power Up	9	0.50	

COURSE LENGTH CODES: S = SEMESTER Y = YEAR

Length	Course No.	Title	Year	Credit	NCAA
Science Courses					
Y	3011	Biology	10	1.00	Y
Y	3010	Biology CP	9-10	1.00	Y
Y	3000	Physical Science	9	1.00	
Y	3003	Advanced Physical Science	9-10	1.00	Y
Y	3030	Chemistry CP	10-12	1.00	Y
Y	3040	Physics CP	11-12	1.00	Y
Y	3044	Conservation Science	11	1.50	Y
Y	3031	Environmental Science	11-12	1.00	Y
Y	3054	Intro to Sustainable Agriculture	12	1.50	
S	ZS2400	ZS Anatomy & Physiology 1	11-12	1.33	Y
S	ZS2420	ZS Anatomy & Physiology 2	11-12	1.33	Y
Y	ZS01210	ZS Biology	9-12	1.00	Y
Social Studies Courses					
Y	4030	American History	9	1.00	Y
Y	4032	American History CP	9	1.00	Y
Y	4020	World History	10	1.00	Y
Y	4022	World History CP	10	1.00	Y
Y	4050	Government	11-12	1.00	Y
Y	4051	Government CP	11-12	1.00	Y
S	ZS101	ZS American National Gov	11-12	1.00	Y
Social Studies Elective Courses (These courses will earn elective credit)					
Y	4040	Mock Trial	11-12	1.00	Y
S	4021	Study of the Holocaust	10-12	0.50	Y
S	4080	World Geography	11-12	0.50	Y
S	4130	Sociology	11-12	0.50	Y
S	4240	Psychology	11-12	0.50	Y
S	4081	Study of the Civil War	9-12	0.50	Y
S	5011	Current Events	9-12	0.50	Y
S	ZS1100	Zane State Western Civilizations	11-12	1.00	Y
S	5010	History of Sports I	9-12	0.50	
World Languages Courses					
Y	1810	Spanish 1	8-12	1.00	Y
Y	1820	Spanish 2	9-12	1.00	Y
Y	1830	Spanish 3	10-12	1.00	Y
Y	1840	Spanish 4	11-12	1.00	Y

COURSE LENGTH CODES: S = SEMESTER Y = YEAR

Length	Course No.	Title	Year	Credit	NCAA
Performing Arts Courses (These courses meet the Fine Arts requirement for graduation)					
Y	8830	Concert Choir	10-12	1.00	
Y	8840	Symphonic Chorale	10-12	1.00	
S	8730	Guitar	9-12	0.50	
S	8732	Advanced Guitar	9-12	0.50	
S	8521	Marching Band	9-12	0.50	
S	8530	Concert Band	9-12	0.50	
S	8500	Symphonic Band	9-12	0.50	
Y	8510	Jazz Band	9-12	1.00	
Y	8610	Orchestra	9-12	1.00	
S	8735	History of Rock & Roll	9-12	0.50	
Visual Arts Courses (These courses meet the Fine Arts requirement for graduation)					
S	8995	Drawing	9-12	0.50	
S	8993	Painting	9-12	0.50	
S	8430	Sculpture	9-12	0.50	
S	5420	Graphic Design	9-12	0.50	
S	8990	Art Connect	9-12	0.50	
S	8992	SEL Art	9-12	0.50	
Y	8999	Exploration of Art	10-12	1.00	
Y	YRBK	Yearbook	9-12	1.00	
Y	8996	AP Studio Art	11-12	1.00	
Health and Physical Education Courses					
S	9000	Health	9-12	0.50	
S	9114	Physical Education	9-12	0.25	
S	9140	Yoga	9-12	0.25	
S	9191	Athletic Weight Training	9-12	0.25	
S	9192	Athletic Weight Training	9-12	0.25	
S	9193	Team Sports Weight Training	9-12	0.50	
Financial Literacy Courses (Required for graduation for class of 2026 and beyond)					
S	4061	Financial Literacy	10-12	0.50	
Technology Courses					
S	8083	eSports 1	10-12	0.50	
S	8085	eSports 2	10-12	0.50	
Career Development Courses					
S	8008	Career Connections	9	0.50	
Arts & Communication					
S	5801	Intro to Arts & Communication	10-12	0.50	
S	5830	Digital Media	10-12	0.50	
S	5840	Broadcast Journalism	10-12	0.50	
S	5810	Digital Design	10-12	0.50	
S	5820	Print Design & Installation	10-12	0.50	
S/Y	5850	Arts & Communication Internship	11-12	varies	

COURSE LENGTH CODES: S = SEMESTER Y = YEAR

Length	Course No.	Title	Year	Credit	NCAA
Education & Training					
S		Introduction to Education	10-12	0.50	
Health Sciences					
S	3055	Introduction to Health Sciences	10-12	0.50	
Y	3050	Principles of Biomed. Science	11-12	1.00	Y
Engineering & Science Technology					
S	2810	Intro to STEM	10-12	0.50	
Y	2060	Design It, Build It	11-12	0.50	
Y	2061	Principles of Engineering	11-12	1.00	
S	2064	Drones: Certification & Flights	11-12	0.50	
Credentialed Program Courses					
S	8081	Rise Up (NRF)	11-12	0.50	
S/Y	8084	Pre Apprenticeship	11-12	Varies	
S	9170	Officiating 1	9-12	0.50	
S	9172	Officiating 2	9-12	0.50	
Junior Reserve Officers Training Corps Courses					
Y	6000	JROTC LET 1	9-12	1.00	
Y	6001	JROTC LET 2	10-12	1.00	
Y	6002	JROTC LET 3	11-12	1.00	
Y	6003	JROTC LET 4	12	1.00	
Y	6004	Air Rifle Safety	9-12	1.00	

GRADUATION REQUIREMENTS

DIPLOMA -STATE BOARD OF EDUCATION APPROVED CRITERIA

A Zanesville High School Diploma is awarded to any graduating student who satisfies **credit, competency,** and **readiness** requirements.

CREDIT

Successfully complete **20 credits** in the designated curricular areas.

- English 4 credits
- Mathematics 4 credits to include Algebra 2 or the equivalent of Algebra 2
- Science 3 credits to include 1 life science, 1 physical science and 1 advanced science
- Social Studies 3 credits to include World History, American History and Government
- Health ½ credit
- Physical Education ½ credit
- Fine Arts 1 credit
- Career Connections ½ credit
- Financial Literacy ½ credit
- Electives 5 credits including fine art & financial literacy

COMPETENCY

Students must meet **one** of the following:

- Students must earn a competency score of **684** on the English II and Algebra I end-of-course tests.
- College Credit Plus – Earn college credit in a non-remedial math or English course (for the subject area not passed) to demonstrate competency.
- Earn a remediation free score on the ACT or SAT for the subject area not passed (English or Math)
- Career Experience and Technical Skill – Complete two demonstrations to show competency, at least one of which must be foundational.
  Foundational:
  - Earn a cumulative score of proficient or higher on three or more WebXams in a single career pathway;
  - Earn an approved industry-recognized credential;
  - Earn a state issued license in a vocation that requires one.
  - Complete a pre-apprenticeship in the student's chosen career field or show evidence of acceptance into an apprenticeship program (for students ages 18 and older) after high school. Must be registered with the Ohio Apprenticeship Council.

  Supporting:
  - Complete a 250-hour work-based learning experience with evidence of positive evaluations;
  - Meet the National Career Readiness Silver Level on the WorkKeys; or
  - Earn the OhioMeansJobs Readiness Seal.
- Military Readiness – Competency can be achieved by meeting the requirements to enlist in the military, as demonstrated by a contract with the military to enlist upon graduation.

READINESS/DIPLOMA SEALS

Students will demonstrate readiness by earning at least **two** diploma seals

Ohio law created 12 seals for students to demonstrate academic, technical and professional readiness for careers, college, the military or self-sustaining professions. Each seal allows students to demonstrate knowledge and skills essential for future success.

Students will demonstrate readiness by earning at least two diploma seals, one of which must be state defined. Seals help students develop an array of critical skills that are valuable to them as they transition to the next steps after high school.

- **OhioMeansJobs Readiness Seal (Ohio State)**
  - Meet the requirements and criteria established for the readiness seal, including demonstration of work-readiness and professional competencies.
- **Industry-Recognized Credential Seal (Ohio State)**
  - Earn an approved industry-recognized credential that is aligned to a job considered in demand in this

state and its regions.

- **College-Ready Seal (Ohio State)**
  - Earn remediation-free scores on the ACT or SAT
- **Military Enlistment Seal (Ohio State)**
  - Provide evidence that a student has enlisted in a branch of the U.S. Armed Forces; or Participate in an approved JROTC program
- **Citizenship Seal (Ohio State)**
  - Earn a score of proficient or higher on both the American history and American government end-of-course exams; (score of 700) **or**
  - Earn a score that is at least equivalent to proficient on appropriate Advanced Placement or International Baccalaureate exams; **or**
  - Earn a final course grade that is equivalent to a "B" or higher in appropriate classes taken through the College Credit Plus program **or**
  - Earn a final course grade of "B" or higher in American History **and** American Government
- **Science Seal (Ohio State)**
  - Earn a score of proficient or higher on the biology end-of-course exam; (score of 700)
  - Earn a score that is at least equivalent to proficient on appropriate Advanced Placement or International Baccalaureate exams; or
  - Earn a final course grade that is equivalent to a "B" or higher in an appropriate class taken through the College Credit Plus program.
  - Earn a final course grade of "B" or higher in an advanced science course taken in grades 11 or 12
- **Honors Diploma Seal (Ohio State)**
  - Earn one of six Honors Diplomas outlined below:
    - Academic Honor Diploma
    - International Baccalaureate Honors Diploma
    - Career-Tech Honors Diploma
    - STEM Honors Diploma
    - Arts Honors Diploma
    - Social Science and Civic Engagement Honors Diploma
- **Seal of Biliteracy (Ohio State)**
  - Meet the requirements and criteria, including proficiency requirements on assessments in a world language and English.
- **Technology Seal (Ohio State)**
  - Earn a score that is at least equivalent to proficient on an appropriate Advanced Placement or International Baccalaureate exam;
  - Earn a final course grade that is equivalent to a "B" or higher in an appropriate class taken through the College Credit Plus program; or
  - Complete a course offered through the district or school that meets guidelines developed by the Department.
- **Community Service Seal (Local)**
  - 120 hours community service
  - The community service experience must be approved by a school counselor prior to documenting hours of service.
  - Students will need to create a log of hours spent completing the service that would include dates and signatures from the agency where the community service was completed.
- **Fine and Performing Arts Seal (Local)**
  - 2 years of dance from a dance studio
    - Dance instructors would need to document the amount of hours each year by completing a log with dates, times and instructor signature.
    - Students would need to list the dates of recitals or other performances and include an instructor signature to verify participation.
  - 4 years of Devilettes
    - Devillettes advisor would need to document participation in performances
  - Community Theater Performances and/or involvement in ZHS Theater
    - Involvement in at least 4 theater productions throughout high school.
    - Documentation from the director of the productions would be required.
  - Visual Arts
    - Completion of 2 different art courses taken in grades 9-12 with a minimum grade of B-. The grade requirement would indicate that work samples were considered as part of the grade.
  - Performing Arts
    - Minimum of 2 years participation in any of our music classes that are performance-based (Choir, Band, Orchestra).
    - Must participate in all required performances
  - Other options could be considered upon request
- **Student Engagement Seal (Local)**
  - 4 seasons of participation in athletics (could be across multiple sports)
    - Documentation from the coach would be required.
  - Other options could be considered upon request

PRE-APPRENTICESHIPS

Pre-apprenticeship programs are approved by the state of Ohio to be a career-focused pathway to demonstrate competency for graduation. Currently, Zanesville High School has 7 Pre-Apprenticeship Programs:

- ☐ Architecture and Construction
- ☐ Agriculture, Food and Natural Resources
- ☐ Education and Training
- ☐ Health Science
- ☐ Hospitality and Tourism
- ☐ Information Technology
- ☐ Manufacturing

Each of the programs requires you to take a course that fits with the career path you choose. You must earn a C or better in the course. Further, you must complete a minimum of 40 hours of work-based learning in your career path. We are developing a variety of opportunities to complete the 40 work-based hours.

Completing one of these programs would satisfy the Experiential Learning requirement of the Academic Honors Diploma.

ACADEMIC HONORS DIPLOMA

ZHS students must earn the Academic Honors Diploma to be considered for Valedictorian/Salutatorian Recognition. Students also must earn the Academic Honors Diploma to earn the distinction of Summa Cum Laude or Magna Cum Laude. The Cum Laude distinction is awarded to those students with a 3.5 GPA

Students must meet ***all but one*** of the following criteria to earn the Academic Honors Diploma. Students must meet general graduation requirements to qualify for honors diplomas.

- Earn at least 4 credits of English
- Earn at least 4 credits of Math to include Algebra, Geometry, Algebra 2 and one higher level math
- Earn at least 4 credits of Science including 2 credits of advanced science
- Earn at least 4 credits of Social Studies
- Earn 3 credits of the same World Language (French, Spanish) or 2 years of each language
- Maintain at least a 3.5 cumulative grade point average
- Obtain a composite score of 27 on the ACT or a score of 1280 on the SAT
- Earn two additional diploma seals, not including Honors Diploma Seal
- Complete experiential learning - field experience, OhioMeansJobs Readiness Seal (cannot use for 2 additional seals if used for this requirement), Portfolio, or Work-Based Learning

There are other types of Honors Diplomas for interested students.

- **CAREER TECH Honors Diploma**
- **STEM Honors Diploma**
- **ARTS Honors Diploma**
- **SOCIAL SCIENCE AND CIVIC ENGAGEMENT Honors Diploma**

Use this link for more information on these other Honors Diplomas: Types of Honors Diplomas

Students can use the Student Strength Demonstration to replace one of either the ACT/SAT, GPA, or World Language requirement for any Honors Diploma. The options for replacement include the following, but should be relevant to the type of Honors Diploma the student is pursuing:

- College Credit Plus: 12 total College Credit Plus credit hours
- Advanced Placement: three courses with score of 3 or higher on AP tests
- Career-Technical Assurance Guide (CTAG): 12 total credits
- Apprenticeship/Pre-Apprenticeship: Completion or Evidence of Acceptance if required to be older than 18

- WorkKeys: Score of 6 or higher on all tests (*void for Career-Tech Honors Diploma)
- Armed Services Vocational Battery: Score of 50 or above on the ASVAB
- Work-Based Learning: 250 total hours of work-based learning

Special note: The class of 2025 may use the previous Honors Diploma requirements.

DESIGNATION OF VALEDICTORIAN AND SALUTATORIAN STATUS

The Valedictorian and Salutatorian Honors will be calculated based upon the following three criteria for all senior eligible students who have completed at least four semesters in Grades 9 – 12 (note: Transcripted Credit begins with the first high school level class attempted as early as 7th Grade) as a Zanesville City Schools student and concludes as a graduating senior:

- The Cumulative Grade Point Average (GPA) at the conclusion of the seventh (7th) semester (Note: the seventh (7th) semester is considered to be the conclusion of the first semester in the students' senior year)
- The rigor of schedule at the conclusion of the seventh (7th) semester: Must first meet the criteria for Academic or Career Technical Honors Diploma then the additional rigor of schedule (Advanced Placement, College Credit Plus.) Student must complete the course in the 8th semester) to maintain their standing for these awards
- The ACT/SAT composite score must be received by the ZHS Administrative Office by the conclusion of the seventh (7th) semester. Points will be awarded to eligible students in the following manner:

CRITERIA FOR ACADEMIC HONORS (Valedictorian, Salutatorian)

Cumulative Grade Point Average		Academic Honors Diploma or Career Tech Honors Diploma & Rigor of Schedule		ACT/SAT Composite Score		
GPA	**Points**	**Rigor**	**Points**	**ACT/SAT**	**Points**	
4.00	4.00	5 or more advanced courses	4.00	ACT 34 – 36 SAT 1520 – 1600	36/1570-1600 35/1530-1560 34/1520-1490	4.00 3.95 3.90
3.90 – 3.99	3.90	4 advanced courses	3.90	ACT 31 – 33 SAT 1410 - 1510	33/1450-1480 32/1420-1440 31/1390-1410	3.85 3.80 3.75
3.80 – 3.89	3.80	3 advanced courses	3.80	ACT 28 – 30 SAT 1310 – 1410	30/1360-1380 29/1330-1350 28/1300-1320	3.70 3.65 3.60
3.70 – 3.79	3.70	2 advanced courses	3.70	ACT 25 – 27 SAT 1200 - 1300	27/1260-1290 26/1230-1250 25/1200-1220	3.55 3.50 3.45
3.50 – 3.69	3.60	1 advanced course	3.60	ACT 22 - 24 SAT 1100 - 1190	24/1160-1190 23/1130-1150 22/1100-1120	3.40 3.35 3.30

ACT/SAT scores are equated through the published Concordance Tables through ACT and College Board. The values are updated at the time of this book's publication. The most current table available will be used when the calculation is made at the end of the 7th semester.

DESIGNATION OF SUMMA CUM LAUDE, MAGNA CUM LAUDE, & CUM LAUDE

Zanesville City Schools maintains a "class rank" for graduating seniors; however, Zanesville City Schools recognizes all graduating seniors in the following manner based upon the Cumulative Grade Point Average (GPA) as calculated at the conclusion of the 7th semester. To be considered, a student must meet the criteria for the Academic or Career Technical Honors Diploma.

Honor	Distinction	Academic Honors Diploma or Career Tech Honors Diploma & Cumulative GPA	Honor Cord
Summa Cum Laude	With Highest Honors	3.86 – 4.00	Gold
Magna Cum Laude	With Great Honors	3.70 – 3.85	Silver
Cum Laude	With Honors	3.50 – 4.00 w/o Honors Diploma	White

DESIGNATION OF PRINCIPAL'S LIST & HONOR ROLL (QUARTERLY ACKNOWLEDGEMENTS)

Zanesville City Schools recognizes student academic achievement in each marking period in the manner shown for students enrolled in five or more courses.

Honor	GPA
Principal's List	3.75-4.0
Honor Roll	3.5-3.74

A nine-week grade of "F" renders a student ineligible for the honor roll that grading period. A student receiving an "I" will not be considered eligible for the honor roll until all work is completed.

REQUIREMENTS FOR PARTICIPATING IN COMMENCEMENT EXERCISES

Commencement exercises will include only those students who have successfully completed requirements for graduation as certified by the high school principal or those students who have been deemed eligible to participate in such exercises in accordance with the terms of their IEP. No student who has completed the requirements for graduation shall be denied a diploma as a disciplinary measure. A student may be denied participation in the graduation ceremony when personal conduct warrants. (ZCS Board Policy - Section 5460)

NEXT STEPS AFTER HIGH SCHOOL

All students are encouraged to graduate with a plan for life after high school. School counselors work with students throughout their 4 years to provide opportunities for learning and growth in regards to social/personal development, academic development, and college/career readiness. Typically, student plans fall into 4 categories (the 4 E's): Enrollment, Employment, Enlistment, or Entrepreneurship. All students are encouraged to think about their personal goals and plans as they select their high school curriculum. Further, information is provided to students regarding all 4 E's through classroom presentations, field trips, Google Classroom, ParentSquare, and more.

SCHOLARSHIPS

Scholarship Information is provided for seniors through Google Classroom and ParentSquare. Students should utilize both resources as they're pursuing financial aid for college.

OHIO SPONSORED PROGRAMS

Governor's Merit Scholarship - The Governor's Merit Scholarship is offered through the office of Governor Mike DeWine and the Ohio Legislature. The purpose of the scholarship is to reduce financial barriers for Ohio's top high school graduates, recognize the impressive scholastic achievement of Ohio's top graduates, and incentivize Ohio's high achieving high school students to attend an institution of higher education. The scholarship provides a renewable award of up to $5,000 each academic year for up to four years to the top 5% of the graduating class. The number of awards available to the top 5% is determined by enrollment. Students who are pursuing a standard or advanced curriculum (i.e. CP, CCP, etc.) are eligible for being considered in the top 5%.

Ohio Guaranteed Admission - The OGA program guarantees the top 10% of each graduating class undergraduate admission to every Ohio public school and university as well as some participating Ohio private colleges and universities. The top 5% of each high school graduating class are guaranteed admission to the main campus of every state college and university and participating Ohio private colleges and universities. The number of students in the top 10% are determined by enrollment. Students who are pursuing a standard or advanced curriculum (i.e. CP, CCP, etc.) are eligible for being considered in the top 10%.

CURRICULAR OPTIONS

SELECTION OF SCHEDULE

In general, the best guide for course selection is to choose courses which match and challenge each student's abilities. Although some courses may align with a student's intended career plans, students are encouraged to take a variety of courses to further their growth and development as learners. Committed to the idea that a well-rounded curriculum best prepares students for their future success, students at Zanesville High School are required to be full-time students regardless of their current progress towards graduation. There are seven academic periods during the school day. Students are only permitted one "free period" per semester. Students who are college-bound should consult the School Counseling Department for requirements and recommendations of specific colleges.

Some courses carry prerequisites and/or prior approval of the instructor. Students should pay careful attention to the requirements and descriptions of each course before scheduling classes. The student and parents must work together to complete the course selection sheet. Each student is expected to carry an academic schedule as challenging as he/she can handle. **Course selection sheets are due on a day designated by the school counselors based on classroom presentations.** Students not returning their course selection sheet on time will be scheduled by the student's counselor. Finalization of the student's schedule rests with the school. ZHS will schedule required classes, but cannot guarantee elective class choices or semester choices for study halls.

Members of the school faculty, counselors, and administration are aware of the necessity for each student to pursue a program of study that will best prepare him/her for a fulfilling career and a happy, productive life. Parents are encouraged to play an active role in students' course selection and to consult counselors, teachers, and administrators with any questions or concerns.

ALL PROGRAM AND SERVICE OFFERINGS ARE OPEN TO ALL STUDENTS REGARDLESS OF RACE, COLOR, RELIGION, SEX, NATIONAL ORIGIN, OR DISABILITY (ADA).

STUDY HALL/FREE PERIOD POLICY

Students are permitted to have one study hall or "free period" per semester. A "free period" is defined as a study hall, early dismissal/late arrival (seniors only), intervention, or teacher's/office aide. These are considered "free periods" because no credit is attempted or earned throughout the course.

COURSE CHANGES

Finalization of the student's schedule rests with the school. Unless there is an error on a student's schedule or an immediate change recommended by the teacher or administration, the student is to remain in scheduled classes. Every effort should be made by the student and family to research courses in advance of scheduling to avoid changes.

Much time is spent scheduling courses appropriate to long-term goals and abilities. Dropping a class requires certain timelines to ensure that students are able to carry enough credits throughout the year.

The following guidelines should be followed if a class is to be dropped.

- **First semester and year-long classes:** Schedule changes must be made **5 days before** the start of the school year or within the **first 5 days of the school year.**
- **Second semester classes**: Schedule changes must occur **5 days before** the start of second semester or within the **first 5 days of the second semester.**
- A ***schedule change request*** must be made by following the guidelines in Google Classroom. Requesting a schedule change requires a student to schedule an appointment with their school counselor.
- A conference with a parent or guardian, counselor, teacher and student may be required.

Courses dropped after the initial drop period will be recorded on the transcript with the grade earned at the time of the drop:

W/P if the student is passing at the time of the drop.
W/F if the student is failing at the time of the drop.
If the drop is initiated by a teacher, a W will be recorded on the transcript.

EDUCATIONAL OPTIONS/CREDIT FLEXIBILITY

This option gives students a personalized way to guide their learning and increase their interest in school and motivation to learn. It does not limit students to earn credits by "seat time" or the confines of the school building. This program could allow you to earn credit while pursuing long-term career goals such as owning your own business, traveling abroad, or being mentored by a local professional in a field of interest. This option allows you to design a program that fits your goals with the opportunity to earn credit. Students can tailor this to their personal experiences. For example, if a student is actively mentored by an area professional they can document this time and reflect on knowledge acquired during the mentoring for potential flex credit. Or, if a student is actively employed by a local business or volunteering on a regular basis with a local non-profit agency, they can track hours and attendance and reflect on what skills and experience their time has provided for potential flex credit.

The Zanesville Board of Education requires that the option must receive prior approval, and have an instructional plan that must align with the district's curriculum requirements, include a description of the criteria and methods for assessment of performance, and an outline of specific instructional activities, materials, and learning environment. Students who participate in this option may be working under a credentialed teacher who will review the instructional plan, supervise instruction and evaluate how the student performs. Please note that credit will only be given upon successful completion of the program in accordance with the plan that is set in place. A maximum of six (6) credits earned from educational options may be counted towards graduation requirements.

If this option seems appropriate to meeting your educational and career goals, please set up a meeting with your counselor to further discuss a plan. Once you have determined a pathway to this option a meeting with your parent/guardian, and appropriate school officials will take place to create a concrete plan that will allow you to pursue your interests. Note that if you are under age 18 at the time the plan is created it will require a signature of consent from your parent or guardian.

ONLINE COURSEWORK

Edmentum is the online program ZHS uses for credit recovery or credit advancement.
For Credit Advancement, completion of the coursework must be done in the time frame allotted. A semester class must be completed in a semester and a year-long course must be completed by the end of the school year.
For Credit Recovery, the student must complete the course during the time allotted for summer school or if the student is taking the course during the school year, the student will follow semester and year-long timelines. If a student is not on track for course completion, they'll be expected to attend the after school program (if it's available). If the student fails to complete the course by the end of the designated semester, they will receive a failing grade.

COLLEGE-PREPARATORY PROGRAM

A joint committee from the Ohio Department of Higher Education and the Ohio Department of Education has provided the following recommendations for a college-preparatory program:

English	4 credits
World Language	2 credits
Mathematics	4 credits, including Algebra I, Geometry, and Algebra II
Science	3 credits
Social Studies	3 credits
Visual or Performing Arts	1 credit

Colleges and universities each prescribe their own unique entrance requirements. In the case of large universities, entrance requirements may vary from one department to another.

Students are urged to consult the school counseling department as soon as possible to become more knowledgeable about specific requirements of colleges and universities to which they intend to apply.

Note: Ohio State, and many other colleges, are suggesting that high school students should take at least three units of a single world language, and when possible continue in that language through the senior year.

COLLEGE CREDIT PLUS

Students who wish to explore educational options not available through the regular instructional program at Zanesville High School may dual enroll through College Credit Plus. This statewide program allows students to earn both high school and college credit for college coursework. Students must meet specific admission requirements and adhere to all deadlines. Arrangements must be made through the school counseling department and require parental approval. Students who intend to enroll in CCP full time must enroll in a minimum of 3 classes per semester. If a student enrolls in both high school courses and CCP courses, they must be enrolled in a minimum of 5 classes per semester.

Grades earned through CCP(College Credit Plus) become part of the student's official high school transcript. CCP courses receiving high school and college credit are calculated into a student's grades and GPA and become part of their permanent college record.

Students in CCP can be classified as "underperforming" if they earn less than a cumulative GPA of 2.0 in all CCP courses or have withdrawn from 2 or more courses in the same term. These students are placed on CCP Probation, can only enroll in 1 CCP course while on probation, and the course cannot be in the same subject as the course with low grades. If the GPA doesn't improve after one term, the student is dismissed from CCP. Further, if a student fails a course or withdraws from a course past the college deadline, the student becomes financially responsible for the cost of the course.

ADVANCED PLACEMENT COURSES

ZHS offers AP classes in English, math, science, social studies and art. Students taking AP classes are required to take the AP Exam in May. Scoring a 3 or higher on the exam could equate to college credit once the student enters college.

MID-EAST CAREER AND TECHNOLOGY CENTER PROGRAMS

A student interested in enrolling in a career center program should have the interest and aptitude for the program selected. Acceptance to the career center happens during the 10th grade year and is based on grades, attendance and behavior. Applications are typically due in February.

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

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

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

GRADES

POWERSCHOOL PARENT PORTAL

The parent portal is an online portal accessible anywhere on the web that parents can log in to and see all of their children in one place, their grades, assignments, scores, attendance, schedules, and school bulletins for each school your children attend. If you have one student in middle school and one in high school, parents will see bulletins for both the middle school and high school.

THE POWERSCHOOL MOBILE APP

This app gives parents and students instant access to information they need to stay up-to-date on student grades, performance, and attendance.
Download the app from the Apple App Store or Google Play for Android devices

- Receive real-time push notifications with updates about grades, scores, attendance, assignments, teacher comments, daily bulletins, schedules, and fee transactions
- Access all of your children in one portal
- View grades, assignments, attendance, GPA, and more
- View announcements from schools
- Designed for iPhones/iOS, tablets, and Google/Android devices

GOOGLE CLASSROOM/GMAIL

Students are given many methods of staying in contact with their teachers and tracking their assignments and course responsibilities. All students are assigned a Gmail account under the Zanesville City Schools domain.. They are also given access to Google Classroom, where each teacher creates a location for students to track requirements, look for announcements, and download paperwork. Students are encouraged to actively engage in these classrooms for each subject as well as their guidance classroom.

REPORT CARDS

Report cards are issued four times per year. Each classroom teacher will explain to students how the grade categories are determined. Report cards will be available through PowerSchool. Paper copies will be available upon request.

GRADING SCALE

Exact Percentage Chart to Quality Points Conversion - See Table

Letter Grade	Percentage	Quality Points
A	93-100	4.0000
A-	90-92	3.6667
B+	87-89	3.3333
B	83-86	3.0000
B-	80-82	2.6667
C+	77-79	2.3333
C	73-76	2.0000
C-	70-72	1.6667
D+	67-69	1.3333
D	63-66	1.0000
D-	60-62	0.6667
F	0-59	0.0000

GRADE POINT AVERAGE

There are two grade point averages calculated for each student:

(1) a GPA for each grading period,

(2) a cumulative GPA.

Both utilize the 4-point credit scale (see "Report Cards").

The GPA for each quarter is calculated at the finalization of the grading period according to credit value from the 4-point scale. The credit values are added together and divided by the number of courses taken. **This is the grade that is taken into consideration for Principal's List and Honor Roll designations.**

At the end of each semester, a semester grade is calculated for each course, based on the average of the two grading periods. The cumulative GPA is updated at the end of each semester, and averages all semester grades up to that point in the student's high school career.

How to calculate GPA:

A year-long course is divided into four grading periods.
Semester One average is the average of Grading Period 1 and 2.
Semester Two average is the average of Grading period 3 and 4.
The Final Grade is calculated by averaging the two *semester averages* together.

Sample calculation:

1st Grading Period	2nd Grading Period	Sem 1 Average	3rd Grading Period	4th Grading Period	Sem 2 Average	Final Grade
73	86	$\frac{73+86}{2}=80$	82	73	$\frac{82+73}{2}=78$	$\frac{80+78}{2}=79$
C	B	B-	B-	C	C+	C+
2.000	3.000	2.667	2.667	2.000	2.333	2.333

A semester course Final Average is the average of the two grading periods: G1 and G2 for the first semester, G2 and G3 for the second semester.

CLASS RANK

Class rank is determined at the end of each semester for all grades. Class rank for seniors to determine Valedictorian/ Salutatorian will be calculated at the end of the 7th semester (1st semester of senior year).

PROMOTION AND RETENTION

There is no official "promotion" of students from grade to grade except for graduation. The typical amount of credits earned each year to be on target to graduate are as follows:

- Freshman 0-5 Credits
- Sophomore 6-10 Credits
- Junior 11-15 Credits
- Senior 16 Credits and Beyond

It is the responsibility of the student to check with their school counselor on the status of his/her credits and requirements.

STANDARDIZED TESTING PROGRAM

OHIO STATE TESTS (END OF COURSE - EOC)

Students must earn a competent score of 684 on ELA2 and Algebra 1. WIth the exception of Geometry, the other EOC's can potentially be used to earn diploma seals (demonstrate readiness) if a student earns a score of 700 or higher.

English 2	Algebra 1	American History
Biology	Geometry*	American Government

Ohio State Testing Dates: Fall - December/January; Spring - April/May; Summer - July

COLLEGE READINESS TESTING

ACT/SAT

The State of Ohio requires all juniors to participate in college readiness testing as an alternative assessment pathway to graduation. Each district chooses either the ACT or SAT for this requirement and the State of Ohio will pay for each student to take the ACT or SAT one time in the spring of the junior year. Zanesville High School has chosen the ACT for this graduation requirement.

In order to be considered college and career ready and satisfy the graduation requirement using the ACT pathway all of the following scores must be minimally met: English = 18, Math = 22, Reading = 22.

We encourage students to take the ACT or SAT more than one time. Students must register for these tests online following the registration deadlines for each test. The test dates are posted each year on the specific tests websites.

To register for the ACT and/or see future test dates, go to http://www.act.org.

To register for the SAT and/or see future test dates, go to http://www.satsuite.collegeboard.org.

Students with a documented financial hardship, in grades 11 or 12, may request up to two (2) fee waivers from their school counselor for both the ACT and SAT. If a student does not attend a test that they have registered for, they forfeit the fee waiver used.

ADVANCED PLACEMENT EXAMS

Students who take an AP class at Zanesville High School *are required* to take the AP Exam associated with the class. The fee is paid by the district. If the student does not attend the exam that they are registered for, they will become financially responsible for the cost of the missed test. AP Exams are typically given during the first two weeks of May.

PSAT/NMSQT

Selected sophomores and juniors take this test in October. The date is determined each year by the College Board. This test assesses critical reading, math and writing skills.

PREACT/PRACTICE ACT

All students in grade 10 take the PreACT assessment to determine their level of college readiness. The PreACT assesses the same skills required of the ACT. All students in grade 11 take a practice ACT, which determines their readiness for the actual ACT administered in the spring. Both tests will be administered in October.

ATHLETIC ELIGIBILITY

ATHLETIC ELIGIBILITY

In order to be eligible for the first grading period upon entrance into grade 9, you must have received passing grades in a minimum of five (5) of the classes for which you received grades in the immediately preceding grading period. In order to maintain eligibility for grades 9-12, you must have received passing grades in a minimum of five (5) one credit courses, or the equivalent, in the immediately preceding grading period. In addition:

- Summer school, College Credit Plus and other educational options (e.g. work permitted after the conclusion of the grading period) may not be used to bring a student into compliance with scholarship bylaws, nor can they be used to compensate for lack of courses taken in the preceding grading period.
- Your semester or yearly grades have no effect on OHSAA eligibility (although they could, depending upon your school's official grading periods). OHSAA eligibility is dependent upon grades received in the immediately preceding grading period.
- Those taking postsecondary school courses, including College Credit Plus, must comply with OHSAA scholarship regulations.
- The eligibility or ineligibility of a student continues until the start of the fifth school day of the next grading period, at which time the grades from the immediately preceding grading period become effective. Note: Check with your principal or athletic administrator for the exact date that eligibility will be determined. To maintain eligibility for competition in sports through the Ohio High School Athletic Association, students must be passing the equivalent of 5 full credit courses.

In addition to the above eligibility requirements, please see the additional board of education policy requirements that detail the specifics of eligibility including the quarterly GPA requirements. The Board Policy can be accessed here: https://filecabinet2.eschoolview.com/22229DD7-D361-4438-970E-952CE7D80403/Policy2431_GPAPolicy.pdf.

COURSE DESCRIPTIONS BY DEPARTMENT

ENGLISH DEPARTMENT

Students are required by the State of Ohio to earn 4 credits of English

COURSE LENGTH CODES: S = SEMESTER Y = YEAR

Length	Course No.	Title	Year	Credit	NCAA
English Core Courses (These courses will fulfill the English requirements for graduation)					
Y	1010	English 1 Honors	9	1.00	Y
Y	1012	English 1 CP	9	1.00	Y
Y	1013	English 1	9	1.00	Y
Y	1020	English 2 Honors	10	1.00	
Y	1022	English 2 CP	10	1.00	Y
Y	1023	English 2	10	1.00	Y
Y	1030	English 3 Honors	11	1.00	
Y	1032	English 3 CP	11	1.00	Y
Y	1033	English 3	11	1.00	Y
Y	1042	English 4 CP	12	1.00	Y
Y	1043	English 4	12	1.00	Y
S	ZS1500	Zane State Comp 1	11-12	1.00	Y
S	ZS2600	Zane State Amer. Literature	11-12	1.00	Y
S	1510	Public Speaking CP	10-12	0.50	Y
English Elective Courses (These courses will fulfill elective requirements for graduation)					
S	1005	English EOC Test Prep	11-12	0.50	
S	1019	English Power Up	9	0.50	

ENGLISH 1 HONORS - 1010

This course is the most accelerated version of English I. The content will be more rigorous and larger in quantity than either General English I or English I CP. The course serves to provide students with the in-depth skills and knowledge necessary for college level written and oral communication. Students will focus on building vocabulary, developing speaking and listening skills, understanding grammar, conducting research, and constructing well-composed writing. Students will study a variety of literature including: short stories, novels, poetry, drama, and historic speeches and nonfiction pieces. Students will engage in more in-depth literary analysis, writing projects, and research projects than they would in the General or CP English I classroom. Students will be required to complete a substantial amount of work outside the classroom including 1 novel per quarter. This course is required for graduation. This course is recommended for students identified as gifted in reading.

Grade: 9 Length: Year Credit: 1.00 English Core Credit
Prerequisites: A in Advanced English 8 and Accomplished EOC score

ENGLISH 1 CP - 1012

This course is an accelerated version of English I. The content will be more rigorous and more extensive than general English I. The course serves to provide students with the in-depth skills and knowledge necessary for college level written and oral communication. Students will focus on building vocabulary, developing speaking and listening skills, understanding grammar, conducting research, and constructing well-composed writing. Students will study a variety of literature including: short stories, novels, poetry, drama, and historic speeches and nonfiction pieces. Students will engage in a more in-depth literary analysis, writing projects, and research projects than they would in the General English classroom. Students will be required to complete a substantial amount of work outside the classroom. This course is required for graduation.

Grade: 9 Length: Year Credit: 1.00 English Core Credit
Prerequisites: B- or higher in English 8

ENGLISH 1 - 1013

This freshman level course will cover the 9th Grade Reading, Writing, Speaking and Listening, and Language Common Core Standards. This course serves to provide students with the basic skills and knowledge necessary for written and oral communication at the high school level. Students will focus on building vocabulary, developing speaking and listening skills, understanding grammar, conducting research, and constructing well-composed writing. Students will study a variety of literature including: short stories, novels, poetry, drama, and historic speeches and nonfiction pieces. This course is required for graduation.

Grade: 9 **Length: Year** **Prerequisites: None** **Credit: 1.00** **English Core Credit**

ENGLISH 2 HONORS - 1020
This course is the most accelerated version of English II. The content will be more rigorous and larger in quantity than either General English II or English II CP. The course serves to provide students with the in-depth skills and knowledge necessary for college level written and oral communication. Students will focus on building vocabulary, developing speaking and listening skills, understanding grammar, conducting research, and constructing well-composed writing. Students will study a variety of literature including: short stories, novels, poetry, drama, and historic speeches and nonfiction pieces. Students will engage in more in-depth literary analysis, writing projects, and research projects than they would in the General or CP English II classroom. Students will be required to complete a substantial amount of work outside the classroom. This course is required for graduation. This course is recommended for students identified as gifted in reading.
Grade: 10 Length: Year **Credit: 1.00** **English Core Credit**
Prerequisites: A or B in English 1 Honors OR A in English 1 CP and MAP Reading score of 221 or higher

ENGLISH 2 CP - 1022
This course is an accelerated version of English II. English II CP serves to prepare students for the rigors of college-level reading, writing, and oral communication. The texts, topics, writing assignments, and skills students explore will be deeper and more extensive than those learned in general English II. This course will cover the 10th Grade Reading, Writing, Speaking and Listening, and Language Common Core Standards**.** Focus will be given to short stories, drama, and non-fiction over the course of the year. Students will learn to write multiple genres, conduct APA-style research, discuss and debate topics from literature, and use technology to enhance learning and publish work.
Grade: 9-10 Length: Year **Credit: 1.00** **English Core Credit**
Prerequisites: C- or higher in English 1 CP; B- or higher in English 1

ENGLISH 2 - 1023
This course will cover the 10th Grade Reading, Writing, Speaking and Listening, and Language Common Core Standards. Special attention will be paid to those standards and skills to be assessed by the Ohio State Test for ELA II. Focus will be given to short stories, drama, and non-fiction over the course of the year. Students will be learning different forms of writing skills, focusing on the writing process. We will incorporate technology and 21st century writing/publishing skills.
Grade: 10 **Length: Year** **Prerequisites: English 1** **Credit: 1.00** **English Core Credit**

ENGLISH 3 CP - 1032
This course is an accelerated version of English III. The content will be more rigorous and more extensive than general English III and serves to prepare students for the rigors of college-level reading, writing, and oral communication. The course will cover many genres including short stories, poetry, plays, novels, speeches, foundational American documents. Students will engage in a close reading of influential and noteworthy works of fiction, literary nonfiction, and informational texts. The course will also provide students with the rhetorical foundations that prepare them for the demands of college-level academic and professional writing. The course will also include a research assignment which must be completed for course credit.
Grade: 10-11 Length: Year **Credit: 1.00** **English Core Credit**
Prerequisites: C- or higher in English 2 CP; B- or higher in English 2

ENGLISH 3 - 1033
This junior level class will cover 11th grade Reading, Writing, Speaking and Listening, and Language Common Core Standards. The course will cover many genres including short stories, poetry, plays, novels, speeches, Foundational American documents. Students will engage in a close reading of influential and representative works of American fiction and nonfiction. This class requires a research assignment which must be completed for course credit.
Grade: 11 **Length: Year** **Prerequisites: English 2** **Credit: 1.00** **English Core Credit**

ENGLISH 4 CP - 1042
This senior level class is an accelerated version of English IV. The content will be more rigorous and more extensive than General English IV. Students will engage in a close reading of influential and noteworthy works of fiction, literary nonfiction, and informational texts including poetry & drama, personal narratives & biographical writing, and important speeches & other works of public advocacy or political significance. The course includes the composition of analytical essays, and personal essays. The course will also provide students with the rhetorical foundations that prepare them for the demands of college-level academic and professional writing. The course will also include a research assignment which must be completed for course credit.
Grade: 12 Length: Year **Credit: 1:00** **English Core Credit**
Prerequisites: C- or higher in English 3 CP; B- or higher in English 3

ENGLISH 4 - 1043
This senior level class will cover the 12th grade Reading, Writing, Speaking and Listening, and Language Common Core Standard. Students will engage in a close reading of influential and noteworthy works of fiction, literary nonfiction, and informational texts including poetry & drama, personal narratives & biographical writing, and important speeches & other works of public advocacy or political significance. The course will also include a research assignment which must be completed for course credit.
Grade: 12 **Length: Year** **Prerequisites: English 3** **Credit: 1.00** **English Core Credit**

ZANE STATE COMPOSITION 1 - ZS1500
College Credit Plus
This course emphasizes the writing and revising process with essay mastery as the primary goal. Students read literary examples as models and write in descriptive, narrative, expository, persuasive, and poetic modes. A research essay written in APA style is a requirement to successfully complete this course.
Grade: 11-12 Length: Semester Credit: 1.00 English Core Credit
Prerequisites: 18+ ACT English score, 5+ Writeplacer score on Accuplacer, or CCP Eligibility with B or better in CP/Honors English 2 or 3

ZANE STATE AMERICAN LITERATURE - ZS2600
College Credit Plus
This survey course introduces students to a broad range of American literature (print and film) involving works from the mid-nineteenth century up to the present day. The works studied will include poetry, novels, short stories, and nonfiction essays. By reading and analyzing these works, students will learn about significant themes, conventions, literary movements, and historical events during this time period and will also strengthen their critical thinking and writing skills. Writers studied may include Walt Whitman, Emily Dickinson, Mark Twain, and Robert Frost.
Grade: 11-12 Length: Semester Credit: 1.00 English Core Credit
Prerequisites: Grade of C or higher in ZS Composition 1

PUBLIC SPEAKING CP- 1510
Designed to offer the novice speaker a number of opportunities to organize and prepare public speaking assignments. The course will offer the opportunity to stand in front of a live audience and present his/ her practiced performance. In addition to public speaking, further performance opportunities may be included in the area of public oral reading. Students will learn about the role of communication in our lives, the communication model,delivery styles, and organization techniques. This class will have a research component for the persuasive speech, demonstration speech and the group discussion presentation.
Grade: 10-12 Length: Semester Prerequisites: English 10 Credit: 0.50 English Core Credit

ENGLISH EOC TEST PREP - 1005
This course is designed to help students who have not passed their English II EOC test. This semester-long course will focus on reinforcing the skills necessary to be successful on the test such as writing to a prompt, short-answer responses, vocabulary, application of literary terms, and literary analysis.
Grade: 11-12 Length: Semester Prerequisite: ELA 2 EOC <684 Credit: 0.50 English Elective Credit

ENGLISH POWER UP - 1019
This course will primarily focus on preparing students for mastering the required Ohio State Standards for English II.. The course will be individually tailored to each student using the IXL English Program, 8th grade end of course data, and MAP Growth Data. This class allows the students to receive more one-on-one help by using pre/post assessments.
Grade: 9 Length: Semester Prerequisite: None Credit: 0.5 Math Elective Credit

MATHEMATICS DEPARTMENT

Students are required by the State of Ohio to earn 4 credits of math

COURSE LENGTH CODES: S = SEMESTER Y = YEAR

Length	Course No.	Title	Year	Credit	NCAA
Y	2010	Algebra 1	9	1.00	Y
Y	2011	Algebra 1 CP	8-9	1.00	Y
Y	2020	Geometry	10	1.00	Y
Y	2021	Geometry CP	10	1.00	Y
Y	2022	Geometry Honors	9	1.00	Y
Y	2200	Intro to Algebra 2	11	1.00	
Y	2030	Algebra 2	11-12	1.00	Y
Y	2031	Algebra 2 CP	10-12	1.00	Y
Y	2032	Algebra 2 Honors	10-11	1.00	Y
Y	2212	Precalculus	11-12	1.00	Y
Y	2701	Intro to Statistics	11-12	1.00	Y
S	ZS1340	Zane State College Alg.	11-12	1.00	Y
S	ZS1350	Zane State Precalculus	11-12	1.00	Y
Y	ZS2510	Zane State Calculus	12	1.00	Y
Math Elective Courses (These courses will fulfill elective requirements for graduation)					
S	2005	Math EOC Test Prep	11-12	0.50	
S	2006	Algebra 1 Power Up	9	0.50	

ALGEBRA 1 - 2010

This course covers 9th Grade Level Algebra, as recommended by the Ohio Department of Education's Mathematics Common Core State Standards. Topics include: Quantities , Seeing structure in expressions ,Arithmetic with polynomials and rational expressions, Reasoning with equations and inequalities ,Interpreting functions, Building functions, Linear, quadratic, and Exponential models, Interpreting categorical and quantitative data. This course is required for graduation.

Grade: 9 Length: Year Prerequisites: None Credit: 1.00 Math Core Credit

ALGEBRA 1 CP - 2011

This course covers 9th Grade Level STEM Algebra 1, as recommended by the Ohio Department of Education's Mathematics Common Core State for Algebra I. Topics include: Quantities , Seeing structure in expressions ,Arithmetic with polynomials and rational expressions ,Reasoning with equations and inequalities ,Interpreting functions, Building functions, Linear, quadratic, and Exponential models, Interpreting categorical and quantitative data mathematics that students should learn in order to take advanced courses such as calculus, advanced statistics, or discrete as indicated by (+), such as: A.REI.4 Solve quadratic equations in one variable.(+) c. Derive the quadratic formula using the method of completing the square. Use of the GAISE model in Statistic standards

Grade: 8-9 Length: Year Prerequisites: None Credit: 1.00 Math Core Credit

GEOMETRY - 2020

This course covers 10th grade level Geometry as recommended by the Ohio Department of Education's Mathematics Common Core State Standards. This course is required for graduation. This course covers congruence, proofs, constructions, connecting algebra and geometry through coordinates, similarity, trigonometry, circles with and without coordinates, real world problems in three dimensions, and applications of probability.

Grade: 10 Length: Year Prerequisites: Algebra 1 Credit: 1.00 Math Core Credit

GEOMETRY CP - 2021

This course covers 10th Grade Level Geometry as recommended by the Ohio Department of Education's Mathematics Common Core State Standards. This course is designed to develop logical thinking through the study of proofs and problem solving. This course is generally a college entrance requirement. This course covers Congruence, Proofs, Constructions, Connecting Algebra and Geometry Through Coordinates, Similarity, Trigonometry, Circles With and Without Coordinates, Real World Problems in Three Dimensions, and Applications of Probability.

Grade: 9-10 Length: Year Prerequisites: Algebra 1 CP Credit: 1.00 Math Core Credit

GEOMETRY HONORS - 2022

This course is for highly motivated mathematics students. The greater depth, breadth and rigor of the course is intended to prepare students for success in Honors Algebra II and AP Calculus. Accordingly, the curriculum is designed for

students with a strong mathematics background who are able to commit to the additional homework and study time that may be required. Students are challenged to think and collaborate critically on the content they are learning. Honors level rigor will be achieved by increasing text complexity through text selection, focus on high-level qualitative measures, and complexity of task. Instruction will be structured to give students a deeper understanding of conceptual themes/units. Each semester also includes an independent honors project.
Grade: 9 Length: Year Credit: 1.00 Math Core Credit
Prerequisite: 8th Grade Alg 1 or Honors Alg 1

INTRO TO ALGEBRA 2 - 2200
Intro to Algebra 2 begins with a continuation and expansion of Algebra I topics to help reinforce knowledge and skills used in building a strong foundation for Algebra 2. The second semester will focus on the basics of the major concepts students will encounter in Algebra 2. This class should be taken after Geometry and prior to Algebra 2 Topics to be covered include Equations, Linear, Exponential, and Quadratic Functions, Statistical modeling, Exponential and Polynomial Operations, and Parent Functions. Pacing and depth will be at an appropriate level.
Grade: 11 Length: Year Credit: 1.00 Math Core Credit
Prerequisites: Algebra 1 OST score below 684 and Geometry

ALGEBRA 2 - 2030
This course covers 11th Grade Level Algebra as recommended by the Ohio Department of Education's Mathematics Common Core State Standards. This course is required for graduation. The critical areas of focus are as follows: 1) Inferences and Conclusions from Data 2) Polynomials, Rational and Radical Relationships 3) Trigonometry of General Triangles and Trigonometric Functions 4) Modeling with Functions.
Grade: 11-12 Length: Year Credit: 1.00 Math Core Credit
Prerequisites: Intro to Algebra 2 or 684 and higher on Algebra 1 OST

ALGEBRA 2 CP - 2031
This course covers 11th grade level Algebra as recommended by the Ohio Department of Education's Mathematics Common Core State Standards. The critical areas of focus are as follows: 1) inferences and conclusions from data;
2) polynomials, rational and radical relationships; 3) trigonometry of general triangles and trigonometric functions; 4) modeling with functions.
Additional standards in CP for students who are planning on taking advanced math courses: extended polynomial identities to the complex numbers; the fundamental theorem of algebra; add, subtract, multiply and divide rational expressions; graph rational and logarithmic functions; find inverse functions.
Grade:10-12 Length: Year Prerequisites: Geometry CP or Score 684 Alg 1 OST Credit: 1.00
Math Core Credit

ALGEBRA 2 HONORS - 2032
The purpose of this course is a mathematics course designed for students of high math ability who have completed Honors Geometry. Topics covered will include: Linear Functions and Relations, Systems of Linear Equations and Inequalities, Graphing in Space, Polynomials and Rational Expressions, Sequences, Exponents and Logarithms, Probability, Matrices, and Trigonometric Functions and Identities. Students who complete this course with a B or higher are expected to take Zane State Math courses the next school year. Accordingly, the curriculum is designed for students with a strong mathematics background who are able to commit to the additional homework and study time that may be required. Students are challenged to think and collaborate critically on the content they are learning. Honors level rigor will be achieved by increasing text complexity through text selection, focus on high-level qualitative measures, and complexity of task. Instruction will be structured to give students a deeper understanding of conceptual themes/units.
Grade: 10-11 Length: Year Prerequisites: Honors Geometry Credit: 1.00 Math Core Credit

INTRO TO STATISTICS - 2701
The purpose of this course is to introduce students to the subject of statistics as a science of data. We will focus on the fundamentals of statistics, the techniques to collect, clarify, summarize, organize, analyze, and interpret data. Topics include exploring data, designing studies, probability, estimating with confidence, and inference.
Grade: 11- 12 Length: Year Prerequisite: Algebra 2 or Algebra 2 CP Credit: 1.00 Math Core Credit

PRECALCULUS CP - 2212
This course covers in depth trigonometry, matrices, polynomials and special functions and their graphs, vectors, exponentials and logs, and an introduction of limits.
Grade: 11-12 Length: Year Prerequisites: Algebra 2 CP Credit: 1.00 Math Core Credit

ZANE STATE COLLEGE ALGEBRA - ZS 1340
College Credit Plus
Topics include radicals and rational exponents, equations and inequalities, functions and graphs, polynomial and rational functions, exponential and logarithmic functions, and systems of equations. A graphing calculator is required.
Grade: 11-12 Length: Semester Credit: 1.00 Math Core Credit
Prerequisite: 22+ ACT in math, 263+ Accuplacer in math, 46+ ALEKS, or CCP Eligibility with B or better in Algebra 2
Math Core Credit

ZANE STATE PRECALCULUS - ZS 1350
College Credit Plus
This course broadens the algebra background and affords students the opportunity to develop an extensive trigonometric background. Included are the topics of functions and their graphs, polynomial and rational functions, exponential and logarithmic functions, systems of equations, inequalities, conic sections, sequences and series, right triangle trigonometry, trigonometric functions of any angle, graphs of the trigonometric functions, inverse trigonometric functions, oblique triangles, vectors, and trigonometric identities, equations, and formulas.
Grade: 11-12 Length: Semester Credit: 1.00 Math Core Credit
Prerequisites: Grade of C or better in Zane State College Algebra

ZANE STATE CALCULUS - ZS2510
College Credit Plus
This course covers the fundamental concepts of single variable calculus and their applications. Topics in this course are functions and graphing, limits and continuity, derivatives, derivative applications, integrals, applications of integration, and integration by substitution. Concepts of differential and integral calculus as applied to trigonometric, inverse trigonometric, and transcendental functions are included.
Grade: 12 Length: Year Credit: 1.00 Math Core Credit
Prerequisites: ZS Precalculus

MATH EOC TEST PREP - 2005
This course will primarily focus on preparing students for the Algebra 1 OST. Students will spend the first month learning about the test and different strategies to help them prepare. The course will be individually tailored to each student. We will also take practice tests along the way.
Grade: 10-12 Length: Semester Prerequisite: Alg 1 OST <684 Credit: 0.50 Math Elective Credit

ALGEBRA 1 POWER UP - 2019
This course will primarily focus on preparing students for mastering the required Ohio State Standards for Algebra 1. The course will be individually tailored to each student using the IXL Math Program and MAP Growth Data. This class allows the students to receive more one-on-one help by using pre/post assessments.
Grade: 9 Length: Semester Prerequisite: None Credit: 0.5 Math Elective Credit

SCIENCE DEPARTMENT

Students are required by the State of Ohio to earn 3 science credits - one life science, one physical science and one advanced science

COURSE LENGTH CODES: S = SEMESTER Y = YEAR

Length	Course No.	Title	Year	Credit	NCAA
Y	3011	Biology	10	1.00	Y
Y	3010	Biology CP	9-10	1.00	Y
Y	3000	Physical Science	9	1.00	
Y	3003	Advanced Physical Science	9-10	1.00	Y
Y	3030	Chemistry CP	10-12	1.00	Y
Y	3040	Physics CP	11-12	1.00	Y
Y	3044	Conservation Science	11	1.50	Y
Y	3031	Environmental Science	11-12	1.00	Y
Y	3054	Intro to Sustainable Agriculture	12	1.50	
S	ZS2400	ZS Anatomy & Physiology 1	11-12	1.33	Y
S	ZS2420	ZS Anatomy & Physiology 2	11-12	1.33	Y
Y	ZS01210	ZS Biology	9-12	1.00	Y

BIOLOGY - 3011
This course is an introduction to life at the molecular and cellular level. Biology will study cells, ecology, and genetics, evolution, development of the human species, and the six kingdoms of life on Earth. It is designed for those students who have completed Physical Science, and desire a general biology course with some lab experience.
Grade: 10 Length: Year Prerequisites: None Credit: 1.00 Life Science

BIOLOGY CP - 3010
This is a laboratory-based course with an introduction to life at the molecular and cellular level. Biology will study cells, ecology, genetics, evolution, and the comparative anatomy of organisms.. It is designed for those students who have completed Physical Science.
Grade: 9-10 Length: Year Prerequisites: None Credit: 1.00 Life Science

PHYSICAL SCIENCE - 3000
This is an introductory science course which contains the fundamental concepts of chemistry and physics. Introduction to Physical Sciences presents key concepts and theories that provide a foundation for future science courses. This course focuses on the broad principles of physical science and builds on students' everyday experiences to make sense of the physical world.
Grade: 9 Length: Year Prerequisites: None Credit: 1.00 Physical Science

ADVANCED PHYSICAL SCIENCE - 3003
This is an introductory science course which contains the fundamental concepts of chemistry and physics. Physical science introduces students to key concepts and theories that provide a foundation for advanced science courses such as Chemistry CP and Physics (CP or AP). Students will apply algebraic skills to problem solving throughout the course.
Grade: 9-10 Length: Year Prerequisites: Minimum C+ in Algebra 1 Credit: 1.00 Physical Science

CHEMISTRY CP - 3030
Chemistry CP is a college preparatory course that covers the material that is listed for Chemistry course 3032, which is reflective of state standards. However this course content delves into the concepts in a deeper manner. More time may be spent on various topics and will require students to think outside of the box to solve problems utilizing critical thinking skills. The basis for the course will be to understand what the periodic table is, why it is important, and how it relates to all of the topics mentioned in Chemistry 3032. The course work will require reading and writing concerning science as well as exploring careers that involve chemistry.
Grade: 10-12 Length: Year Prerequisite: Biology Credit: 1.00 Physical or Adv Science

PHYSICS CP - 3040
This course is a laboratory-based science class in which students will study the fundamentals of the physical world of matter, energy, basic mechanics and particle physics.
Grade: 11-12 Length: Year Prerequisites: Geometry CP Credit: 1.00 Advanced Science

ENVIRONMENTAL SCIENCE - 3031
Environmental Science focuses on earth systems and sustainability. This course will provide an overview of all the

principal physical, chemical, and biological systems that have shaped the Earth, and how they are continuously altered by human activity. Students will be studying the daily interactions between the living and nonliving world. They will take a systems approach to analyze important science topics (solid, water, and air pollution, climate change, energy, land use, and food scarcity) and their role in a sustainable future. Students enrolled in this course will develop a deeper understanding and an ability to describe in detail the scientific connections in each system and between different systems, in addition to the various economic and social factors that play important roles in working with these systems.
Grade: 11-12 Length: Year Prerequisites: Biology and 1 additional science Credit: 1.00 Advanced Science

AgriPark courses

Prerequisites for classes taken at the Agri Park (Introduction to Sustainable Agriculture, Conservation Science)

- **90% attendance rate for the previous school year**
- **Must have met competency in Algebra and ELA2 by the beginning of the school year in which you plan to take the course**
- **Must have at least one Seal by the beginning of the school year in which you plan to take the course with a clear plan to earn the second seal**
- **No suspensions or major behavior infractions**

CONSERVATION SCIENCE - 3044

This course provides hands-on, active student participation in the practical application of scientific principles related to wildlife, conservation and outdoor recreational activities. Students will build an understanding of science content and learn scientific techniques taught through the lens of conservation, with an emphasis on real-world activities. The curriculum will center on the outdoor recreational activities that financially support the North American Model of Wildlife Conservation, such as hunting, fishing, conservation work, shooting sports and boating; and how they directly benefit habitat enhancement and protection, and all wildlife management, including game, nongame and endangered species. Potential off-campus learning opportunities are associated with this course. *Potential off-campus learning opportunities are associated with this course. This course will happen outside often as projects require. Students MUST BE prepared to handle the weather.*
Grade: 11 Length: Year Prerequisite: None Credit: 1.5 Advanced Science

INTRODUCTION TO SUSTAINABLE AGRICULTURE-3054

The course covers the concept of feeding Earth's growing population as we gather and critically evaluate scientific research on farming and food systems. Students will build an understanding of science content and application and real-world skills in food production and basic animal care as the course will include raising a tilapia population. Throughout the year students will start seed and grow produce which will be provided to the school's food services department as available. Some projects may require the use of the wood shop on site. *Potential off-campus learning opportunities are associated with this course. This course will happen outside often as projects require. Students MUST BE prepared to handle the weather.*
Grade: 12 Length: Year Prerequisites: Biology and 1 additional science Credit: 1.5 Advanced Science

ZANE STATE ANATOMY & PHYSIOLOGY I - ZS2400
College Credit Plus
An introduction to the study of the structure and function of the human body stressing anatomical terminology, human tissues, and the interrelation of the skeletal, muscular, and nervous systems.
Grade: 11-12 Length: Fall Semester Credit: 1.00 Advanced Science
Prerequisites: Passing AccuPlacer, or remediation free ACT or SAT score, Grade of C or higher in ZS Biology

ZANE STATE ANATOMY AND PHYSIOLOGY II - ZS2420
College Credit Plus
A continuation of the study of the structure and function of the human body stressing the interrelation of cardiovascular, lymphatic, immune, endocrine, respiratory, digestive, urinary, and reproductive systems.
Grade: 11-12 Length: Spring Semester Credit: 1.00 Advanced Science
Prerequisites: Grade of "C" or better in Zane State Anatomy I

ZANE STATE BIOLOGY - ZS01210
College Credit Plus
A study of cellular and molecular biology. This laboratory-based course focuses on life and its classification, scientific method, chemistry of life, cell structure and function, bioenergetics, DNA and proteins synthesis, cell division, principles of inheritance, and evolution.
Grade: 9-12 Length: Year Credit: 1.00 Advanced Science
Prerequisites: Passing AccuPlacer, or remediation free ACT or SAT score, recommendation of teacher

SOCIAL STUDIES DEPARTMENT

Students are required by the State of Ohio to earn 3 credits of Social Studies in American History, World History and Government

COURSE LENGTH CODES: S = SEMESTER Y = YEAR

Length	Course No.	Title	Year	Credit	NCAA
Social Studies Courses					
Y	4030	American History	9	1.00	Y
Y	4032	American History CP	9	1.00	Y
Y	4020	World History	10	1.00	Y
Y	4022	World History CP	10	1.00	Y
Y	4050	Government	11-12	1.00	Y
Y	4051	Government CP	11-12	1.00	Y
S	ZS101	ZS American National Government	11-12	1.00	Y
Social Studies Elective Courses (These courses will earn elective credit)					
Y	4040	Mock Trial	11-12	1.00	Y
S	4021	Study of the Holocaust	10-12	0.50	Y
S	4080	World Geography	11-12	0.50	Y
S	4130	Sociology	11-12	0.50	Y
S	4240	Psychology	11-12	0.50	Y
S	4081	Study of the Civil War	9-12	0.50	Y
S	5011	Current Events	9-12	0.50	Y
S	ZS1100	Zane State Western Civilizations	11-12	1.00	Y
S	5010	History of Sports I	9-12	0.50	

AMERICAN HISTORY - 4030

This is a survey course that covers the time period from 1877 to the present. The objective of the course is to develop a general understanding of how the United States and her people were faced with different social, political, and economic problems and how they responded to those problems Critical thinking skills will be emphasized.

Grade: 9 Length: Year Prerequisites: None Credit: 1.00 Soc. Studies Core Credit

AMERICAN HISTORY CP - 4032

This is a survey course that covers the period from 1877 to the present, with emphasis placed on critical thinking skills, and the higher-level thinking needed to be a successful college student.. Thesis essays are often assigned. A capstone research project/paper will be conducted in the last quarter. Student familiarity with presentation software and typing skills is a must. The development of writing skills will be emphasized. Outside reading in the form of historical novels is sometimes assigned.

Grade: 9 Length: Year Prerequisites: None Credit: 1.00 Soc. Studies Core Credit

WORLD HISTORY - 4020

This course examines world events from 1600 to the present. It explores the impact of the democratic and industrial revolutions, the forces that led to world domination by European powers, the wars that changed empires, the ideas that led to independence movements and the effects of global interdependence. The concepts of historical thinking introduced in earlier grades continue to build with students locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions.

Grade: 10 Length: Year Prerequisites: None Credit: 1.00 Soc. Studies Core Credit

WORLD HISTORY CP - 4022

This course examines world events from 1600 to the present. It explores the impact of the democratic and industrial revolutions, the forces that led to world domination by European powers, the wars that changed empires, the ideas that led to independence movements and the effects of global interdependence. The concepts of historical thinking introduced in earlier grades continue to build with students locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions. Students will examine primary source documents and supplemental readings as they develop these skills. Emphasis will be placed on development of critical thinking skills, research skills, and acquiring experience writing thesis papers supported by that research.

Grade: 10 Length: Year Prerequisites: None Credit: 1.00 Soc. Studies Core Credit

GOVERNMENT - 4050

This course is designed to inform students about the way the national, state, and local governments function. It traces the main ideas of the founding of the government, and the Constitution. It spends time examining each of the three distinct

branches of the federal government. THe main objective is to assist students to be informed, productive citizens. Within the Financial Literacy component of this class, students will learn how moneyworks in real life, and be able to make wise decisions about how to save, budget, buy, invest, and donate money.

Grade: 11-12 Length: Year Prerequisites: None Credit: 1.00 Soc. Studies Core Credit

GOVERNMENT CP - 4051

This course introduces students to key political ideas, institutions, policies, interactions, roles, and behaviors that characterize the political culture of the United States. The course examines politically significant concepts and themes, through which students learn to apply disciplinary reasoning, assess causes and consequences of political events, and interpret data to develop evidence-based arguments.

Grade: 11-12 Length: Year Prerequisites: None Credit: 1.00 Soc. Studies Core Credit

ZANE STATE AMERICAN NATIONAL GOVERNMENT - ZS101

College Credit Plus

This is a semester-long College Credit Plus course taught in conjunction with Zane State. It is worth 3 undergraduate credit hours in addition to high school credit. American National Government is an introduction to the nature, purpose, and structure of the national government in the United States. The process of and participants in the creation of public policy are emphasized, including a citizen's role in a democracy. The positive and negative aspects of broad participation are compared.

Grade: 11-12 Length: Semester Credit: 1.00 Soc. Studies Core Credit
Prerequisite or corequisite: Zane State Comp 1

MOCK TRIAL - 4040

This course will introduce the student to American Law and how it works through various means including; Street law, Mock Trial, and Moot Court. Mock Trial is an innovative approach to learning about law and how our legal system functions. High school students argue both sides of the case in real courtrooms across the state. Mock trial improves critical thinking, reading, public speaking, and listening skills. It develops an understanding and appreciation for the law, court procedures, and the Judicial System. It will allow for a deeper understanding of constitutional rights and responsibilities. Moot Court focuses on the appellate court process and is designed to provide students the opportunity to present a simulated oral argument and respond to questions posed by a panel of volunteer judges. By Focusing on the applicability of Constitutional Law to current legal issues, students get an opportunity to strengthen critical thinking skills and increase their understanding of the Constitution and the Judicial System. Street Law: Street Law develops classroom and grassroots programs that educate students and communities about law, democracy, and human rights. By helping to improve the teaching of law and understanding of relevant legal principles, Street Law empowers youth and adults to use their knowledge to solve problems and better their communities, and motivates them to become active participants in society. This course may be repeated one time.

Grade: 11-12 Length: Year Prerequisites: None Credit: 1.00 Soc. Studies Elective

STUDY OF THE HOLOCAUST-4021

The Holocaust was an inconceivable historical event, which forever robbed Western culture of its innocence. As civilized human beings, we fail to understand how events of such horror could have taken place, and how an idea so inhumanly warped could have spread like wildfire through an entire continent, instigating the systematic annihilation of millions of Jews. This course will cover the beginnings of Anti-Semitism as a Nazi ideology through the confinement of Jews and others in ghettos, the concentration camps and the years after liberation. Students will also study genocides in other countries, such as the one in Armenia.

Grade: 10-12 Length: Semester Prerequisites: None Credit: 0.50 Soc. Studies Elective

WORLD GEOGRAPHY - 4080

The World Geography course familiarizes students with the world using the five geographic themes: location, place, human/environmental interaction, movement, and regions. Students will compare and contrast these themes across all continents. The course will focus on geographic habits of mind to promote higher level thinking and problem solving, Students will apply skills and geographic knowledge to their community, state, nation, world, Instruction will integrate concepts and principles from history, economics, geography, civics, and the humanities.

Grade: 11-12 Length: Semester Prerequisites: World & Amer. History Credit: 0.50 Soc. Studies Elective

SOCIOLOGY - 4130

This course is an introduction to the study of society, social institutions, and social problems. Students will study the various societal forces which impact individuals and cultures. We learn how sociological research is done, and how historical discoveries through that research have changed our understanding of society. Completion of a hands-on Marriage Project is required during our unit on marriage and family, Designing a research plan using the steps to the Scientific Method, and carrying out a Social Problems Project is often completed as well.

Grade: 11-12 Length: Semester Prerequisites: None Credit: 0.50 Soc. Studies Elective

PSYCHOLOGY - 4240
This course is an introduction to the scientific study of human behavior, and mental processes. Current research problems, and experimentation are considered in order to provide the student with a basis for insights into the human species, as seen by this particular branch of the social sciences. Topics studied include: the historical development of the psychology field, developmental psychology, biological bases of behavior, sensation and perception, learning and motivation, personality, and abnormal behavior, and careers in psychology. Completion of a hands-on psychology research project is required to receive credit for this course. Seniors are given preference for this course.
Grade: 11-12 Length: Semester Prerequisites: None Credit: 0.50 Soc. Studies Elective

STUDY OF THE CIVIL WAR - 4081
This is a survey course that covers the time period of the Civil War beginning in 1860 and running through 1865.General understanding of how the United States and her people were faced with different social, political, and economic problems and how they responded to those problems Critical thinking skills will be emphasized and focus on issues during these times.
grade: 9-12 Length: Semester Prerequisites: None Credit: 0.50 Soc. Studies Elective

CURRENT EVENTS - 5011
Students will be given background knowledge of today's world issues using historical teachings, readings, and research projects to help understand current world issues/events. Students will be expected to demonstrate knowledge to the class through presentation and research. They will also be required to read news articles from current newspapers and publications that will allow them to understand the past and present.
Grade: 9-12 Length: Semester Prerequisites: None Credit: 0.50 Soc. Studies Elective

ZANE STATE WESTERN CIVILIZATIONS - ZS1100
College Credit Plus
This is a semester-long College Credit Plus course taught in conjunction with Zane State. It is worth 3 undergraduate credit hours in addition to high school credit. It is a survey of Western Civilization examining ideas and cultural and political institutions from prehistory through the early part of the Reformation. Subjects covered include: the ancient Middle East, Egypt, Greece, Rome, Christianity, Islam, the Early Middle Ages, the High Middle Ages, the Renaissance, the Reformation, and European voyages of discovery. Research papers are assigned each quarter. Historical novels are also assigned. Individual and group projects are conducted throughout the year. A research field trip to a major art museum in either Cleveland or Pittsburgh is also regularly done in conjunction with the course. Familiarity with word processing and presentation software is a must. The development of writing skills is also emphasized.
Grade: 11-12 Length: Semester Credit: 1.00 Soc. Studies Elective
Prerequisite or corequisite: Zane State Comp 1

HISTORY OF SPORTS I - 5010
This history elective class will examine the development of sport(s) in America. Our historical study will focus on helping students gain a better understanding of the inner relationship that sport has on social, economic, cultural and political forces that are at work in the United states as well as the world. We will examine the historical context as well as the significance of gender, race, ethnicity and social class. We focus on understanding the past and how these stories and certain ideas shaped athletics as we know them today. We focus on the students ability to think critically through class discussion, discussion posts, and through their own writing. Please note that this course does not qualify for the honors diploma.
Grade: 9-12 Length: Semester Prerequisites: None Credit: 0.50 Soc. Studies Elective

WORLD LANGUAGE DEPARTMENT

COURSE LENGTH CODES: S = SEMESTER Y = YEAR

Length	Course No.	Title	Year	Credit	NCAA
Y	1810	Spanish 1	8-12	1.00	Y
Y	1820	Spanish 2	9-12	1.00	Y
Y	1830	Spanish 3	10-12	1.00	Y
Y	1840	Spanish 4	11-12	1.00	Y

SPANISH 1 - 1810
Spanish 1 is a fun, inviting class intended for all students. Classes create characters and stories all in Spanish, and quickly build a huge amount of vocabulary. The teacher speaks in Spanish in ways that students understand, using a method that mimics how you learned your first language. Students are expected to listen much more than produce language at this level.
Grade: 9-12 Length: Year Credit: 1.00 Elective Credit

SPANISH 2 - 1820
Spanish 2 picks up where Spanish 1 ends. Classes continue to create characters and stories, while adding in free reading books in Spanish and viewing of some selected TV shows, movies and music. Throughout the course of this year, students will become more comfortable with producing Spanish themselves, while still receiving a great amount of Spanish-language from the teacher,
Grade: 9-12 Length: Year Prerequisites: Spanish 1 Credit: 1.00 Elective Credit

SPANISH 3 - 1830
Spanish 3 picks up where Spanish 2 left off. In Spanish 3, we start to transition from basic language into more academic language. This is to prepare students for higher levels of language study in Level 4 or eventually in college. Current events are used frequently, as well as TV, movies, music, literature etc. Students are becoming quite comfortable expressing themselves in Spanish in written and spoken format by Spanish 3.
Grade: 10-12 Length: Year Prerequisites: Spanish 2 Credit: 1.00 Elective Credit

SPANISH 4- 1840
Spanish 4 picks up where Spanish 3 left off. We continue using more academic language, preparing students for real-life usage and college courses. Current events are used frequently, as well as TV, movies, music, literature etc. Students express themselves in Spanish.
Grade: 11-12 Length: Year Prerequisites: Spanish 3 Credit: 1.00 Elective Credit

FINE ARTS DEPARTMENT

Students are required by the State of Ohio to complete 2 semesters of fine arts in grades 7-12.

COURSE LENGTH CODES: S = SEMESTER Y = YEAR

Length	Course No.	Title	Year	Credit	NCAA
Performing Arts Courses (These courses meet the Fine Arts requirement for graduation)					
Y	8830	Concert Choir	9-12	1.0	
Y	8840	Symphonic Chorale	9-12	1.0	
S	8730	Guitar	9-12	0.5	
S	8732	Advanced Guitar	9-12	0.5	
S	8521	Marching Band	9-12	0.5	
S	8530	Concert Band	9-12	0.5	
S	8500	Symphonic Band	9-12	0.5	
Y	8510	Jazz Band	9-12	1.0	
Y	8610	Concert Orchestra	9-12	1.0	
S	8735	History of Rock & Roll	9-12	0.5	
Visual Arts Courses (These courses meet the Fine Arts requirement for graduation)					
S	8995	Drawing	9-12	0.5	
S	8933	Painting	9-12	0.5	
S	8430	Sculpture	9-12	0.5	
S	5420	Graphic Design	9-12	0.5	
S	8990	Art Connect	9-12	0.5	
S	8992	SEL Art	9-12	0.5	
Y	8999	Exploration of Art	10-12	1.0	
Y	YRBK	Yearbook	9-12	1.0	
Y	8996	AP Studio Art	11-12	1.0	

PERFORMING ARTS

CONCERT CHOIR - 8830

Concert Choir is an ensemble designed for students of all levels of experience. In this class, students will reinforce and expand their skills in the areas of sight-singing, music history, music theory, and various choral repertoire. This is a performance-based class that requires extra rehearsals outside of class, various performances, and individual preparation outside of class.. Student attendance at all rehearsals and performances is required and reflected in the student's grade. Written work, written assessments, and performance assessments are also utilized in this class

Grade: 9-12 Length: Year Prerequisites: None Credit: 1.00 Fine Arts Credit

SYMPHONIC CHORALE - 8840

Symphonic Chorale is an advanced choral ensemble.. In this class, students will be challenged in the areas of sight-singing, music history, music theory, and various choral repertoire. Symphonic Chorale is a large time commitment, requires more individual practice outside of class, moves at an accelerated pace, and performs frequently at various athletic, holiday, and community events.. This is a performance-based class that requires extra rehearsals outside of class and various performances. Student attendance at all rehearsals and performances is required and reflected in the student's grade. Written work, written assessments, and performance assessments are also utilized in this class.

Grade: 9-12 Length: Year Prerequisites: Audition Only Credit: 1.00 Fine Arts Credit

GUITAR - 8730

Guitar class is offered to both experienced and beginner guitar players. Students will receive guidance and direction in solving problems related to guitar playing at different experience levels and will learn many of the different styles, skills, and techniques required to become a successful guitarist. Areas of concentration include: correct posture, note reading, aural skills, flat-picking, singing songs, rhythmic patterns, chord study, finger picking styles, musical forms, improvisation, guitar history, and possible performing experiences.

Grade: 9-12 Length: Semester Prerequisites: None Credit: 0.5 Fine Arts Credit

ADVANCED GUITAR - 8732

The Advanced Guitar course is designed for students who have a solid foundation in guitar playing and are eager to

enhance their skills and musical understanding. This course will delve deeper into advanced techniques, music theory, improvisation, and performance practices, enabling students to express their creativity and individuality through the guitar.

Grade: 9-12 Length: Semester Prerequisites: Guitar Credit: 0.5 Fine Arts Credit

MARCHING BAND - 8521 (1st semester course; students will take symphonic band second semester)

All students who play traditional marching band instruments, have previous school band experience, or have permission of the instructor are eligible for membership in this group. Rehearsals are during June, July, and August (including band camp). Rehearsals during marching season are held after school. Performances include competitions, parades, football games, fall concerts, holiday concerts, pep band performances and other scheduled school and community activities. These dates are established and published in the spring. Enrollment in Marching Band also includes Concert Band for the second semester. Additional fees include band camp fee, uniform fee, and travel fees. Attendance at after school rehearsals and performances is required and will be reflected in a student's grade.

Grade: 9-12 Length: Semester Prerequisites: None Credit: 0.5 Fine Arts Credit

CONCERT BAND - 8530 (1st semester course; students will take symphonic band second semester)

All students who play traditional band instruments and have previous school band experience (or permission from instructor) are eligible for membership. Concert band activities include a variety of individual and group performances throughout the school year including formal concerts, and adjudicated events, which may take place outside of the traditional school day. Band classes meet for full band rehearsal for one period per day throughout the school year. Performances include fall concert, holiday concert, winter concerts, pre-competition concert, spring concerts, OMEA District Competition, OMEA State Competition, pep band performances, Memorial Day performance, and other performances at school or community functions. Attendance at performances is required, and will be reflected in the student grade. Concert band members are eligible to perform with other ZHS ensembles including Blue Knights, and OMEA Solo and Ensemble Competition.

Grade: 9-12 Length: Semester Prerequisites: None Credit: 0.5 Fine Arts Credit

SYMPHONIC BAND - 8500 (2nd semester band)

Wind Ensemble is a concert band ensemble that is designed for more advanced instrumental students, selected by open audition. Wind Ensemble activities include a variety of individual and group performances throughout the school year including formal concerts, and adjudicated events, which may take place outside of the traditional school day. Band classes meet for full band rehearsal for one period per day throughout the school year. Performances include fall concert, holiday concert, winter concerts, pre-competition concert, spring concerts, OMEA District Competition, OMEA State Competition, pep band performances, Memorial Day performance, and other performances at school or community functions. Attendance at performances is required, and will be reflected in the student grade. Concert band members are eligible to perform with other ZHS ensembles including Blue Knights, and OMEA Solo and Ensemble Competition.

Grade: 9-12 Length: Semester Prerequisites: Audition Only Credit: 0.5 Fine Arts Credit

JAZZ BAND (BLUE KNIGHTS) - 8510

Known as the Blue Knights, the ZHS Jazz Band is open to advanced students who play an appropriate instrument for the group, and who are current members of the band program. They must have permission from the instructor. Students who play piano, guitar, or bass may audition for the instructor for those positions that are not covered by a member of the band program.

Grade: 9-12 Length: Year Prerequisites: Audition Only Credit: 1.00 Fine Arts Credit

ORCHESTRA - 8610

Concert Orchestra is an opportunity to study more advanced group ensemble literature. Concert Orchestra offers students great variety and challenge in musical performance. Students will continue the advanced development of instrumental technique, music reading and comprehension skills, independent musicianship, style, critical thinking skills, and a deeper understanding of ensemble music and orchestral literature. Literature will be chosen from Classical and Popular music. Students are required to bring instruments and music to class daily and to practice at home independently. Students will be performing at 4 concerts, OMEA Large Group Contest, and at several community events outside of the regular school day. Student attendance at all rehearsals and performances is required and reflected in the student's grade. Written work and reflections are also utilized in this class.

Grade: 9-12 Length: Year Prerequisites: None Credit: 1.00 Fine Arts Credit

HISTORY OF ROCK & ROLL - 8735

The "History of Rock and Roll" class is an engaging exploration of the evolution of one of the most influential music genres of the 20th and 21st centuries. This course will take students on a journey from the roots of rock and roll in the 1950s to its diverse subgenres and global impact today. Through listening, discussion, and analysis, students will gain a deeper understanding of the cultural, social, and political contexts that shaped rock music.

Grade: 9-12 Length: Semester Prerequisites: None Credit: 0.5 Fine Arts Credit

VISUAL ARTS

DRAWING - 8995
This is our introductory studio art course for high school students to practice a variety of drawing techniques. Elements and principles of design will be discussed as they relate to composition. Pencil, ink, charcoal, and chalk will be used to create original art works. Students will study perspective, shading, cross hatching, and proportions.. Students will be exposed to various artists and their works. Students will use art criticism techniques, and self reflection to improve and refine works in progress. This course may be repeated.
Grade: 9-12 Length: Semester Prerequisites: None Credit: 0.5 Fine Arts Credit

PAINTING - 8993
This is our introductory studio art course to explore the history and techniques of painting. Students will use acrylic, tempera, watercolor mediums and mixed media. Subjects like famous artists, painting styles, movements, and related subject matter will be explored. Students will be exposed to a variety of techniques, as well as, apply art criticism strategies, and self reflection to improve and refine works in progress. This course may be repeated.
Grade: 9-12 Length: Semester Prerequisites: None Credit: 0.5 Fine Arts Credit

SCULPTURE - 8430
This is our introductory studio art course focusing on three-dimensional design. Our main material will be clay, but other materials may include plaster, wood, wire, metal, paper mache, and found objects. Students will be introduced to various sculpture artists and their works. Students will use art criticism techniques and self reflection to improve and refine works in progress. Research into historic, contemporary sculpture, and careers in sculpture will be required. This course may be repeated.
Grade: 9-12 Length: Semester Prerequisites: None Credit: 0.5 Fine Arts Credit

GRAPHIC DESIGN - 5420
This is our introductory art course focusing on graphic design, which consists of creating visual imagery to communicate a message. Students will learn about the elements and principles of design while exploring areas like Fashion Design, typography, and web page layout. The course will utilize Google Draw and Adobe tools like Illustrator, In Design and Spark/Express. Meeting course criteria and utilizing tools effectively will be required to succeed in this class. This course may be repeated.
Grade: 9-12 Length: Semester Prerequisites: None Credit: 0.5 Fine Arts Credit

ART CONNECT - 8990
This course is based on a supportive community between students and student mentors. Basic art concepts will be implemented through student choice based lessons. Content like the Elements and Principles of Art and Design will be covered. Use of media like graphite, paint, clay and technology may be explored.. The course is designed to provide opportunities and support for students unable to be serviced or keep pace within the specialized art class setting. Students and student mentors will collaborate creating an environment that is least restrictive and yet nurturing. (Select student mentors must be willing to assist other students while working with them to ensure a positive art experience. Student mentors will receive flex credit for this course based on the quality of support provided.) This course can be repeated.
Grade: 9-12 Length: Semester Prerequisites: None Credit: 0.5 Fine Arts Credit

SEL ART - 8992
This course explores the benefits of using art to increase awareness of mindfulness and self care through select activities and artmaking. This is not a counseling or therapy course. Students will explore art methods like color work, doodling, tangling, pointillism, painting, printmaking and neurographic art in relation to inspiration and technique. This course creates a space for students to learn about coping with emotions in a positive manner as they implement artistic studio habits of observation, envisioning (planning) and developing craft from the SHoM (Studio Habits of Mind) framework. Students will create their work at their own pace in response to 3 of the 5 components of the SEL (Social Emotional Learning) framework: self-awareness, self-management and social awareness. Non-traditional assessment will be based on participation and student reflections for coursework. This course can be repeated.
Grade: 9-12 Length: Semester Prerequisites: None Credit: 0.5 Fine Arts Credit

EXPLORATION OF ART- 8999
This is an advanced studio art course. Students can take this class after taking drawing, painting, graphic design, or sculpture. Students will explore different topics and techniques in the media of their interest. Students will focus on learning to think creatively and how to think like an artist.They will be exposed to a number of artists, and their work, from different historical periods and cultures. The class will include practice with art criticism techniques and information about art careers. In order to succeed in this class, you must meet the required criteria given for all assignments, be prepared to question and critique your own work as well as the work of other artists, and approach each art process with an open mind and a positive attitude.
Grade: 9-12 Length: Year Credit: 1.00 Fine Arts Credit
Prerequisites: Drawing, Sculpture, Painting, Graphic Design and submission of portfolio/teacher recommendation

YEARBOOK - YRBK

This is a yearlong course for one art credit. Students will learn about photography, layout, and content expected in yearbook publication. Students will be required to photograph, design, and add written content in assigned yearbook pages. Additional duties will include yearbook sales, ad sales, and developing an understanding of the history of production of the Comus, as well as understanding and meeting the representation needs of our high school community. You must be able to conduct interviews, take notes, attend school activities to take photos, and work independently to be successful in this class. This course can be repeated.

Grade: 9-12 Length: Year Credit: 1.00 Fine Arts Credit

Prerequisites: Application to yearbook due in spring; participation may be limited to the top 24 candidates.

AP STUDIO ART (Drawing, 3-D, or 2-D) - 8996

Advanced Placement

Students will choose a track of Drawing, 3-D, or 2-D art to pursue throughout the course. Students will work independently exploring a topic of their choice in great depth through the completion of 15 or more works for their concentration. All works created will be submitted to the college board for grading between 1 and 5. Scores of 3 and higher are generally accepted by colleges for completion of art credit. Grades for the course will be assigned throughout the year using a rubric developed from the skills to be demonstrated and/or the college board rubric for the track selected. **Taking the AP Studio Art Exam in May is mandatory,** A score of 3 or higher may earn college credit.

Grade: 11-12 Length: Year Credit: 1.00 Fine Arts Credit

Prerequisites: Drawing, Sculpture, Painting, Graphic Design or submission of portfolio/teacher recommendation.

HEALTH AND PHYSICAL EDUCATION DEPARTMENT

Students are required by the State of Ohio to earn ½ credit of Health and ½ credit of PE

**Please note that additional PE or health credits <u>will not</u> count toward the total number of credits (20) needed for graduation.*

COURSE LENGTH CODES: S = SEMESTER Y = YEAR

Length	Course No.	Title	Year	Credit	NCAA
Health and Physical Education Courses (These courses will meet the PE/Health requirement for graduation)					
S	9000	Health	9-12	0.50	
S	9114	Physical Education	9-12	0.25	
S	9140	Yoga	9-12	0.25	
S	9191	Athletic Weight Training (Fall)	9-12	0.25	
S	9192	Athletic Weight Training (Spring)	9-12	0.25	
S	9193	Sports Team Weight Training	9-12	0.50	

HEALTH - 9000

Health is the combination of physical, mental, emotional, and social well-being of every individual. Students will learn to balance their physical, mental/emotional, and social health and achieve an overall state of well being or total health. Health is a course designed to provide accurate health information and teaching health skills to help people make healthy decisions. As the students increase their health literacy, their capacity to learn about and understand basic health information and services, and to use these resources to promote one's health and wellness will increase. Required topics covered in health are dating violence, opioid addiction, organ donation & CPR.

Grade: 9-12 Length: Semester Prerequisites: None Credit: 0.50 Health Credit

PHYSICAL EDUCATION - 9114

This course uses the Sport Education model, developed for physical education programs. Sport education provides experiences that are more complete and authentic than typical PE sports. In this model, students not only learn more completely how to play team sports, but also to coordinate and manage their sport experiences. They also learn individual responsibilities and effective group member skills. The sports emphasized are: soccer, basketball, flag football, ultimate frisbee, kickball, baseball, softball handball, etc. Students will develop understanding of team building and working with others in a team setting.

Grade: 9-12 Length: Semester Prerequisites: None Credit: 0.25 Phys Ed Credit

YOGA - 9140

Beginner yoga poses will be introduced to help create a strong foundation and help develop a love for the practice.

Grade: 9-12 Length: Semester Prerequisites: None Credit: 0.25 Phys Ed Credit

ATHLETIC WEIGHT TRAINING - 9191 (Fall). 9192 (Spring)

This elective semester course is for the fall semester.. This course is designed for students involved in interscholastic athletics. Those students who take serious interest in weight lifting are also encouraged to sign up. The purpose of the course is to teach proper technique, increase muscle strength, and incorporate agility training with injury prevention being the primary goal. Nutrition as it relates to weight training, cardiovascular training, proper stretching and warm-up techniques, and overall weight room safety and etiquette will also be emphasized.

Grade: 9-12 Length: Semester Credit: 0.25 Phys Ed Credit

TEAM SPORTS TRAINING - 9193

This elective is a year long course. This course is designed for student-athletes who participated in Interscholastic Athletics the previous year. The purpose of the course is to increase muscle strength as the primary goal while incorporating agility training and injury prevention. Nutrition, cardiovascular training, proper stretching and warm-up techniques, and weight room safety and etiquette will also be emphasized.

Grades: 9-12 Length: Full Year Credit: 0.50 Phys Ed Credit

Prerequisite: Member of Interscholastic Athletic team the previous year.

ELECTIVE DEPARTMENTS

COURSE LENGTH CODES: S = SEMESTER Y = YEAR

Length	Course No.	Title	Year	Credit	NCAA
Electives					
Financial Literacy Courses (Required for graduation for class of 2026 and beyond)					
S	4061	Financial Literacy	10-12	0.50	
Technology Courses					
S	8083	eSports 1	10-12	0.50	
S	8085	eSports 2	10-12	0.50	
Career & Technical Development and Pathways					
Career Development Courses					
S	8008	Career Connections	9	0.50	
Arts & Communication					
S	5801	Intro to Arts & Communication	10-12	0.50	
S	5830	Digital Media	10-12	0.50	
S	5840	Broadcast Journalism	10-12	0.50	
S	5810	Digital Design	10-12	0.50	
S	5820	Print Design and Installation	10-12	0.50	
S/Y	5850	Arts & Communication Internship	11-12	varies	
Education & Training					
S	6500	Introduction to Education	10-12	0.50	
Health Sciences					
S	3055	Introduction to Health Sciences	10-12	0.50	
Y	3050	Principles of Biomed. Sci	9-12	1.00	Y
Engineering & Science Technology					
S	2810	Introduction to STEM	10-12	0.50	
Y	2060	Design It, Build It	11-12	0.50	
Y	2061	Principles of Engineering	11-12	1.00	
S	2064	Drones: Certification & Flight	11-12	0.50	
Credentialed Program Courses					
S	8081	Rise Up (NRF)	11-12	0.50	
S/Y	8084	Pre Apprenticeship	11-12	Varies	
S	9170	Officiating 1	9-12	0.50	
S	9172	Officiating 2	9-12	0.50	
JROTC					
Junior Reserve Officers Training Corps Courses					
Y	6000	JROTC LET 1	9-12	1.00	
Y	6001	JROTC LET 2	10-12	1.00	
Y	6002	JROTC LET 3	11-12	1.00	
Y	6003	JROTC LET 4	12	1.00	
Y	6004	Air Rifle Safety	9-12	1.00	

ELECTIVES

FINANCIAL LITERACY

FINANCIAL LITERACY - 4061
In this course, students will develop personal financial plans for individual personal well-being. Throughout the course, students will develop financial literacy skills to provide a basis for responsible citizenship and career success. Additional topics may include analyzing services from financial institutions, consumer protection, investing and risk management. This course will meet the state Financial Literacy requirement for graduates.
Grades: 10-12 Length: Semester Prerequisites: None Credit: 0.5 Elective Credit

TECHNOLOGY

ESPORTS 1 - 8083
In this class students will learn and develop their gaming appreciation, motor skills and gaming concepts. Topics will include: health and preventative care, self-management, interpersonal communication, goal-setting and decision-making skills, and active participation in regards to video games and esports**.**
Grade: 10-12 Length: Semester Credit: 0.5 Elective Credit
Prerequisite: None; Students wishing to repeat eSports require teacher recommendation

ESPORTS 2 - 8085
In this course students will learn to take esports concepts and motor skills to a competitive and collegiate level. Topics will include: Collegiate esports opportunities, scholarship research, career opportunities, recording software, proof of growth, and crafting an esports portfolio.
Grade: 10-12 Length: Semester Credit: 0.5 Elective Credit
Prerequisite: eSports 1 and teacher recommendation

CAREER & TECHNICAL DEVELOPMENT & PATHWAYS

Career Pathways provide students with opportunities to engage in rigorous and high quality education, training and career experiences that are focused on the learner's interests and future career aspirations. During the freshman year students actively engage in HS Career Connections, which is an exploratory course designed to help students develop a deeper understanding of the multitude of careers as well as personal aptitude and interest. During the sophomore years students will choose an introductory Career and Technical course to begin further exploration of that pathway. During the junior and senior year students will have the opportunity for a wide variety of opportunities within their chosen pathway that could include additional coursework, Pre-Apprenticeship, work-based learning, job shadowing, etc. Each pathway has been specifically chosen based on our regional landscape and labor market information and designed to create a foundation for the learner as they prepare for their next steps post-high school.

Students in grade 10 are required to select an Intro Career Pathway Course for 10th grade

CAREER DEVELOPMENT

HS CAREER CONNECTIONS - 8008
In this course, students will participate in various activities to further their knowledge of their interests, skills and aptitudes and explore the various career fields available to them for their futures. Students will investigate the 16 career fields the Ohio Department of Education and Workforce Readiness identified. Those career fields are Agricultural and Environmental Systems, Arts & Communication, Business & Administrative Services, Construction Technologies, Education & Training, Engineering & Science Technologies, Finance, Government & Public Administration, Health Science, Hospitality & Tourism, Human Services, Information Technology, Law & Public Safety, Manufacturing, Marketing, and Transportation Systems.
Grades: 9 (or counselor permission) Length: Semester Credit: 0.50 Elective Credit
Required Freshman course

ARTS & COMMUNICATION

The Arts & Communication Pathway will allow students to develop a foundational understanding of the various careers within Media Arts, Performing Arts, and Visual Design. Students will have the opportunity to engage in hands-on learning experiences throughout their exploration.

INTRODUCTION TO ARTS & COMMUNICATION - 5801

In this course students will begin to learn about the post-secondary opportunities that fall within the scope of the Arts & Communication Pathway. Students will receive an introduction to the various careers within Media Arts, Performing Arts as well as Visual Design as these are the three tenants of the pathway. The course will touch on the basics of Media Arts to learn about career paths for journalism, film and photography. Students will learn about career paths in the Performing Arts and learn about the career opportunities connected to music, dance and theatre. Finally the course will touch on the basics of Visual Design where students will learn about career opportunities in graphic design, Web/emerging technology and print production.

Grades: 10 Length: Semester Credit: 0.50 Elective Credit Prerequisites: Career Connections

DIGITAL DESIGN - 5810

Digital Design with Canva and Adobe Illustrator is a dynamic and hands-on course designed to introduce high school students to the exciting world of digital illustration and graphic design. This course focuses on harnessing the power of Canva and Adobe Illustrator, a leading vector graphics software, to develop essential design skills and unleash creative potential. Throughout the semester, students will explore the fundamental principles of graphic design and visual communication. The course begins with an introduction to the Canva and Adobe Illustrator interface, tools, and basic functions, providing a solid foundation for more advanced techniques. Students will learn to create vector-based illustrations, logos, posters, and other graphic elements that are crucial in various industries.

Grade: 10-12 Length: Fall Semester Credit: 0.50 Elective Credit Elective Credit Prerequisites: Intro to Arts and Communication or Graphic Design or Teacher Recommendation

PRINT DESIGN AND INSTALLATION - 5820 (formerly Advanced Large Format Printing & Design)

Welcome to the cutting edge of digital design and printing with the Roland TrueVIS VG3-540 54" Large-Format Eco-Solvent Inkjet Printer/Cutter. This course is designed for high school students with a passion for graphic design, digital art, and the rapidly evolving field of large-format printing technology. Throughout the semester, students will delve into the world of professional-grade printing using the Roland TrueVIS VG3-540, a state-of-the-art large-format printer and cutter. This course goes beyond traditional design principles, providing hands-on experience with cutting-edge technology that is widely used in industries such as advertising, signage, and visual communication.

Grade: 10-12 Length: Spring Semester Credit: 0.50 Elective Credit Prerequisite: Digital Design, Introduction to Photography, or Introduction to Digital Media

DIGITAL MEDIA - 5830

This semester-long course will introduce students to the fundamentals of Photography and Videography. This course focuses on capturing and manipulating images and videos in digital formats with some skill development in editing. Topics include camera functions, mechanics of image capture, image manipulation, and print/post production. Students will operate in various studio, indoor and outdoor settings. They will use Adobe photoshop, Adobe Premiere and Adobe Lightroom to digitally enhance their work.

Grade: 10-12 Length: Semester Prerequisite: None Credit: 0.50 Elective Credit

BROADCAST JOURNALISM - 5840

In this semester-long course, there will be high level analyzing of media content. Students will get hands-on knowledge of broadcast practice, such as filming interviews, filming and editing news stories, and creating podcast/web content. Students will be required to be active participants individually and in a team setting when creating broadcast and digital content. Students will be required to read and interpret traditional forms of media and news, and write broadcast and social 'copy'. This course will offer a heavy focus on Sports Media, giving students practical experience in producing media content around our high school sports teams. Students will learn media literacy skills, and newsworthiness of events and moments of the school year. Students will use Adobe Photoshop, Adobe Premiere and Adobe Lightroom to digitally enhance their work.

Grade: 10-12 Length: Semester Credit: 0.5 Elective Credit
Prerequisite: Intro to Digital Media, Intro to Photography, Intro to Videography, or ZTV

ARTS & COMMUNICATION INTERNSHIP - 5850

Juniors and Seniors who have advanced in the Media Arts program can enroll in an internship/shadowing experience for a semester. Students will receive hands-on experience creating media content for our school district. Their internship will be heavily based on public relations/internal communications. For those with a focus on Digital Media, students will be

taking on real projects for clients and businesses in the community. There will be a focus on using machines in Blue Print Lab and business tools to create product lines that will be sold in our school store. They will also be assigned real projects to complete for businesses/organizations that do business with ZCS. Students must also have a letter of recommendation from another teacher to apply for an internship.

Grade: 11-12 Length: Semester/Year Credit: varies Elective Credit

Prerequisite: Complete multiple courses within the pathway and obtain teacher recommendation

EDUCATION & TRAINING

The Education & Training Pathway will allow students to develop a foundational understanding of the various careers within education and training, including K-12 education, higher education, and other career training. Students will have the opportunity to engage in hands-on learning experiences throughout their exploration.

Introduction to Education - 6500

In this first course in the career field, students will examine the goals of education and training as well as environments in which education and training are delivered. They will identify learners' and stakeholders' roles, rights and responsibilities in educational systems; assess legal and ethical issues related to education; and determine careers of interest in education and training. Employability skills and state requirements for becoming an educator will also be addressed.

Grades: 10-12 Length: Semester Credit: 0.50 Elective Credit

Prerequisites: Career Connections or Counselor Recommendation

Students in grade 10 are required to select an Intro Career Pathway Course for 10th grade

HEALTH SCIENCES

The Health Sciences Pathway will allow students to develop a foundational understanding of the various careers within the healthcare industry. Students will have the opportunity to engage in hands-on learning experiences throughout their exploration.

Introduction to Health Sciences - 3055

This first course in the career field provides students an overview of the opportunities available in the healthcare industry. Students will learn fundamental skills in effective and safe patient care that can be applied across a person's lifespan. They will also be introduced to exercise science and sports medicine, the field of biomedical research and the importance of managing health information.

Grades: 10-12 Length: Semester Credit: 0.50 Elective Credit

Prerequisites: Career Connections or Counselor Recommendation

Students in grade 10 are required to select an Intro Career Course for 10th grade

PRINCIPLES OF BIOMEDICAL SCIENCE - 3050

In this course, students explore concepts of biology and medicine as they take on roles of different medical professionals to solve real-world problems. Over the course of the year, students are challenged in various scenarios including investigating a crime scene to solve a mystery, diagnosing and proposing treatment to patients in a family medical practice, to tracking down and containing a medical outbreak at a local hospital, stabilizing a patient during an emergency, and collaborating with others to design solutions to local and global medical problems.

Grade: 11-12 Length: Year Prerequisites: Intro to Health Science Credit: 1.00 Elective Credit

ENGINEERING & SCIENCE TECHNOLOGY

The Engineering & Science Technology Pathway will allow students to develop a foundational understanding of the various careers in Engineering and Science Technologies. Students will have the opportunity to engage in hands-on learning experiences throughout their exploration.

INTRODUCTION TO STEM

In this course, students will be introduced to different career fields within STEM, learn about the engineering design process, learn best practices for sketching and keeping a design notebook, and learn to use an introductory level of CAD (computer-aided design). Through hands-on projects, real-world clients, and personal experiences, students will begin their journey to think like a designer. This class will be heavily project-based, require collaboration with others, and a willingness to try new things.

Grade: 10th Length: Semester Prerequisites: Career Connections Credit: .5 Elective Credit

DESIGN IT, BUILD IT - 2060
This is a hands-on course where you get to solve real-world problems by imagining, building, and testing your own solutions. You will learn with software used in the industry, then you will 3D print and test your design. This class will help you learn and apply the math skills you may be struggling with and have fun doing it. The problem-solving process that we use will help you approach any problem differently in all aspects of your life.
Grade: 11-12 **Length: Semester** **Prerequisites: Intro to STEM or Teacher Recommendation**
Credit: .5 **Elective Credit**

PRINCIPLES OF ENGINEERING - 2061
Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation. Students will take on projects of larger scale for real clients in a fast-paced design environment.
Grade: 11-12 **Length: Year** **Prerequisites: Design it, Build it, or Teacher Recommendation**
Credit: 1.00 **Elective Credit**

DRONES: CERTIFICATION AND FLIGHT - 2064
Drones are an ever-evolving technology that have applications in many different career fields. In this first part of this course, students will work through material to take the FAA Part 107 certification assessment. To get this certificate, you must be at least 16 years old, pass a knowledge exam at an FAA-approved testing center, and undergo TSA security vetting. Once certified, students will have opportunities to get flight time with drones. These drones may be used to take photos and videos, as well as gain hours and experience behind the controller, making this course valuable for students in digital media and STEM pathways.
Grade: 11-12 **Length: Semester** **Prerequisites: Intro to STEM or Teacher Recommendation**
Credit: .5 **Elective Credit**

CREDENTIALED PROGRAMS

Courses taken in this area could lead to demonstrating Competency (one area of the graduation requirements)
Passing the exams in each course and having one of the following supporting career-focused activities will complete the Show Competency Area of the Graduation Requirements.
- Meeting the National Career Readiness Silver Level on the WorkKeys Test
- Work-based learning
- Ohio Means Jobs Readiness Seal

Earning a 12 point credential will earn students the Industry Recognized Credential Seal

NRF FOUNDATION RISE UP - 8081
This course contains two parts: **Retail Industry Fundamentals** and **Customer Service & Sales**

> **Retail Industry** - will help you develop workplace readiness skills, You will develop basic customer service skills and math skills to conduct sales transactions. You will build an understanding of the retail industry, its impact on the economy and the diverse jobs available. And you will learn best practices for interviewing and exploring career paths. At the end, you'll receive a printable completion certificate, digital badge and a credential you can list on your resume, showing you are ready for jobs that are in high demand right now. *Passing this exam will earn a 6 point credential*
>
> **Customer Service & Sales** - You will master customer service and sales skills, including understanding the customer life cycle, developing effective strategies to engage customers, assessing customer needs and closing sales. You'll also learn best practices for building resumes and navigating job searches. At the end, you'll receive a printable completion certificate, digital badge and a credential you can list on your resume, showing you're ready for jobs that are in high demand right now. *Passing this exam will earn a 6 point credential*

Grade: 11-12 **Length: Semester** **Prerequisite: None** **Credit: 0.50** **Elective Credit**

PRE-APPRENTICESHIP - 8084
This course allows students to earn credit while completing one of the 7 approved Pre-Apprenticeship programs: Architecture and Construction, Agriculture, Food, and Natural Resources, Education and Training, Health Science, Hospitality and Tourism, Information Technology, and Manufacturing. The Pre-Apprenticeship Program is designed to provide high school students with the foundational skills and knowledge needed to pursue a successful career in their chosen field. Students work with the Career Navigator to complete requirements for the course. Some Pre-Apprenticeships provide students with real-life work experience during the school day, after school, or through current employment.

Grade: 11-12 **Length: Semester** **Prerequisite: None** **Credit: Varies** **Elective Credit**

OFFICIATING 1 - 9170
This course is a study of officiating sports. Rules and mechanics, along with fundamentals of sports, will be taught. The students will have the option of obtaining their OHSAA (Ohio High School Athletic Association) license in the sports of Football, Soccer, Basketball, Baseball and/or Softball. If students desire to obtain a license in one or more sports, they will have to pay a fee to the OHSAA (currently $65, but subject to change), which pays for a rule book, case book, officiating manual and insurance. After successful completion of the course and the other OHSAA requirements are met, the student will have a Class 3 license and will be permitted to officiate 7th, 8th and 9th grade games, as well as non-school officiating (i.e. elementary level tournaments). This course provides an opportunity to have gainful employment opportunities. The student's decision whether or not to obtain a license will not alter content taught nor will it have a negative impact on the course grade.Students who want to obtain their licenses will be required to complete extra time outside of the regular school day. First semester will focus on football and soccer officiating.
Grade: 9-12 **Length: Semester** **Prerequisite: None** **Credit: Varies** **Elective Credit**

OFFICIATING 2 - 9172
This course is a study of officiating sports. Rules and mechanics, along with fundamentals of sports, will be taught. The students will have the option of obtaining their OHSAA (Ohio High School Athletic Association) license in the sports of Football, Soccer, Basketball, Baseball and/or Softball. If students desire to obtain a license in one or more sports, they will have to pay a fee to the OHSAA (currently $65, but subject to change), which pays for a rule book, case book, officiating manual and insurance. After successful completion of the course and the other OHSAA requirements are met, the student will have a Class 3 license and will be permitted to officiate 7th, 8th and 9th grade games, as well as non-school officiating (i.e. elementary level tournaments). This course provides an opportunity to have gainful employment opportunities. The student's decision whether or not to obtain a license will not alter content taught nor will it have a negative impact on the course grade.Students who want to obtain their licenses will be required to complete extra time outside of the regular school day. Second semester will cover basketball, baseball and softball officiating.
Grade: 9-12 **Length: Semester** **Prerequisite: None** **Credit: Varies** **Elective Credit**

JROTC

JUNIOR RESERVE OFFICERS TRAINING CORPS

Two years participation in JROTC LET courses will fulfill the Military Enlistment Graduation Seal and satisfy the PE requirement for graduation through a PE waiver. Air Rifle Safety will meet ½ credit toward the elective credits requirement for graduation.

The JROTC program prepares cadets for leadership roles, giving practical lessons that help them develop into active and engaged learners and leaders. The program promotes academic achievement and leadership development, providing cadets with skills that they will use for the rest of their lives. 2 years participation provides a State Seal for graduation. Cadets receive a physical education waiver for 2 years of JROTC participation.

The JROTC program at Zanesville High School consists of four levels of Leadership Education Training (LET) instruction. The JROTC curriculum is based on the principles of performance-based, learner-centered education, and is linked to the national standards. Every lesson and assessment actively engages students' higher-order thinking and skill performance. All Levels of LET are also required to do a "Service Learning Project.

JROTC LET 1 - 6000
The mission of Leadership Education and Training (LET) is to motivate young people to be better citizens. To accomplish this purpose, the text discusses citizenship, leadership and a number of other courses designed to help the cadets succeed in high school and after graduation. Cadets wear uniforms as required. The LET 1 Level consists of: Foundations of Army JROTC, Being A Leader, Leadership Skills, Know Yourself-Socrates, Learning to Learn, Study Skills, Communication Skills and Conflict Resolution. Extracurricular activities include: Color Guard, Drill team and Rifle team competition, and participation in local community events.
Grade: 9-12 **Length: Year** **Prerequisite: None** **Credit: 1.00** **Elective Credit**

JROTC LET 2 - 6001
The second year of Leadership Education and Training is split into units including: Techniques of Communication, Leadership, Cadet Challenge, Leadership Lab, First Aid, Map Reading, History, Your American Citizenship, Career Opportunities and the Role of the U.S. Army. The wearing of the uniform and extracurricular activities are the same as for LET I.
Grade: 10-12 **Length: Year** **Prerequisite: LET 1** **Credit: 1.00** **Elective Credit**

JROTC LET 3 - 6002
The third year of Leadership Education and Training provides additional leadership situations. In this year, students will not only be more involved as teachers and leaders within the cadet battalion, but they will also do more independent studies in the areas of communication, leadership, first aid, history, map reading, career opportunities and technology awareness. The wearing of the uniform and the extracurricular activities are the same as for LET I.
Grade: 11-12 Length: Year Prerequisite: LET 2 Credit: 1.00 Elective Credit

JROTC LET 4 - 6003
The fourth-year cadets are responsible for the daily cadet administration and perform as commanders and staff officers. They act as assistant instructors in some subject areas for other JROTC classes. They continue to develop their leadership skills and plan special unit events such as the military ball and the annual awards banquet as well as several Leadership camps.
Grade: 12 Length: Year Prerequisite: LET 3 Credit: 1.00 Elective Credit

AIR RIFLE MARKSMANSHIP AND SAFETY COURSE - 6004
This course is designed to be either a basic or an advanced level program of instruction focused on individual rifle marksmanship and safety techniques using either the Crosman Challenger, Daisy 887 air rifle or T200 air rifle. Initially, students will be instructed on required safety procedures necessary and mandatory for each student enrolled to handle and fire an assignment air rifle. Techniques on firing the air rifle from three positions during student Competitions in the Sporter class of 3 position air rifle will be the focus. This course will be a mixture of classroom instruction with large amounts of practical application on a rifle range setting. It is expected that all Cadets enrolled in the course will participate in ALL home rifle matches as part of the JROTC Rifle Team (Required events).
Grade: 9-12 Length: Full year Credit: 1.0 Elective Credit
Prerequisite/Corequisite: Participant in JROTC

COLLEGE CREDIT PLUS/AP COURSES OFFERED AT ZANESVILLE HIGH SCHOOL

College Credit Plus (CCP) courses are dual-credit courses earned through a college course taken on our campus, on a college campus, or online, and are taught by qualified instructors in alignment with college syllabi and standards. Students earn transcripted credit that is reflected on both their high school and college academic records. Cost of the CCP course is free to the student unless the student fails the course or withdraws past the college's deadline. Deadlines and registration requirements must be met in accordance with state law and Ohio Department of Higher Education. This credit is *typically* accepted as transfer credit by public colleges in Ohio, and *may* be accepted by private or out-of-state institutions. Students failing a CCP course may be required to reimburse the school district for any expenses the district paid for the student to take the course.

Please Note:

A student eligible to participate in College Credit Plus and admitted to a college or university will enroll in actual college courses, which may include "mature subject matter" as defined in Ohio Revised Code 3365.035. The subject matter will not be modified based upon College Credit Plus enrollee participation regardless of where course instruction occurs (CCP Courses taught on the college campus or taught in the high school).

Advanced Placement (AP) courses are rigorous, college-level courses taught by a ZHS instructor in accordance with College Board requirements. At the culmination of the course, students take an AP exam (or submit an art portfolio), and if the test/portfolio is scored high enough the student may earn college credit. Colleges have varying policies on acceptance of college credit, and these can be found on the College Board website. Students participating in AP coursework at ZHS are required to participate in the test/portfolio, and ZHS takes financial responsibility for the test fees.

Please refer to the course descriptions for each course found in the appropriate department section of this book.

Length	Course No.	Title	Year	HS Credit	Sem. Hrs.
College Credit Plus (on ZHS campus)					
Sem	ZS1500	Zane State Composition I	11-12	1.00	3
Sem	ZS2450	Zane State American Literature	11-12	1.00	3
Sem	ZS1340	Zane State College Algebra	11-12	1.00	4
Sem	ZS1350	Zane State Precalculus	11-12	1.00	4
Sem	ZS2510	Zane State Calculus	11-12	1.00	5
Sem	ZS2400	Zane State Anat & Physiology I/Lab	11-12	1.00	4
Sem	ZS2420	Zane State Anat & Physiology II/Lab	11-12	1.00	4
Sem	ZS01210	Zane State Biology	9-12	1.00	4
Sem	ZS101	Zane State American National Gov.	11-12	1.00	3
Sem	ZS1100	Zane State Western Civilizations	11-12	1.00	3
Advanced Placement Courses Offered					
Year	8996	AP Studio Art (Drawing, 3-D, 2-D)	11-12	1.00	