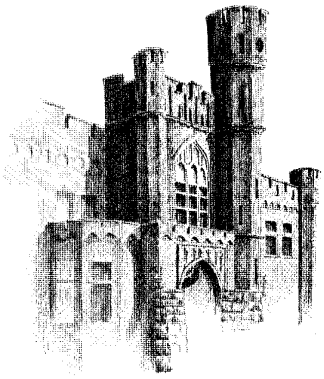
Urbana High School

Scheduling Information & Course Descriptions 2023-24



Urbana High School

500 Washington Avenue
Urbana, Ohio 43078
www.urbanacityschools.org/1/Home
Phone 937-653-1412
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Nathan Sever, Principal Tony Grigsby, Asst. Principal

To Parents and Students:

"What are my required courses next year and which courses should I take to help me reach my goals?"

Students will be choosing courses for next school year with the advice of counselors, teachers, and parents. Students are responsible for registering for required courses to meet graduation requirements. Please consult your counselor if you have any questions.

Students must meet prerequisite requirements and get teacher approval for the level of English, Math, Science, and Social Studies courses the student should take. Students must also get teacher approval for any other courses that have a pre-requisite. Please review the curriculum guide before making these important decisions.

High school students must maintain a **minimum of 6 courses per semester for the school year**. Students in an approved work-study program or other special circumstances may have exceptions approved by the administration. Students enrolled in College Credit Plus (CCP) full time must take a minimum of 12 credit hours per semester. More details regarding CCP participation are described on page 5.

As you think about your schedule, please keep the following in mind:

1. Examine the schedule change criteria and deadlines (pg. 4) and make your course selections carefully!
2. Unfortunately, there may be times when an elective course may not be offered due to budget cuts, reduced staffing, and/or insufficient enrollment.
3. Choose a course for its content, not because of your favorite teacher is currently teaching it. Teaching assignments can change each year. Requests for placement of a student with a specific teacher for a course are not accepted.

At the conclusion of the school year, if a student fails a required course or does not attain the necessary prerequisite for a course, the counselor will make changes to the student's course requests accordingly.

Eighth grade students will return their scheduling sheets to their English teacher and ninth, tenth and eleventh grade students will return their scheduling sheets to the guidance office. We want all students to submit request sheets; however, if a student does not turn in a request sheet he/she will be assigned to required courses and elective choices will be made for them.

All scheduling sheets must be signed by the parent or guardian and returned by:
Friday, March 31, 2023

Holly Lewis	Angie Evans	Valerie Leonard
Counseling Office Secretary	A – K & OHP Counselor	L – Z & CCP Counselor
653-1424	653-1426	653-1425

Course/Instruction Planning & Requirements

9th Grade	10th Grade	11th Grade	12th Grade
English	English	English	English
Math	Math	Math	Math
Science	Science	Science	Electives
Social Studies	Social Studies	Social Studies	
Health	Phys Ed	Electives	
Phys Ed	Electives		
Elective(s)			

Health and **Phys Ed** are **strongly** encouraged to be taken during the **9th** and **10th** grade years; however, Health and P.E. may be taken during any of grades 9 – 12 and P.E. may be taken during summer school after grades 8 – 11.

One (1) of the **Math** credits must be **Algebra II**, or an equivalent.

Science credits must include **Physical Science**, **Biology** and **one from the following**: Chemistry, Physics, Environmental Science, Human Physiology, Animal Anatomy & Physiology, or Science and Technology of Food.

Social Studies credits must include **World History**, **American History** and **American Government.** (Government & Economics will include the required instruction in economics and financial literacy.)

Seven credits of **elective** credits**, one (1) of which must be from Fine Arts,** or a one-year career-tech pathway.

The remaining elective credits must include **one or any combination of the following:** foreign language, fine arts, business, career-technical education, family and consumer sciences, technology, agricultural education or English, mathematics, science or social studies courses not otherwise required.

URBANA CREDIT REQUIREMENTS FOR GRADUATION

Subject Area	**CREDITS**
English Credits	4
Math Credits	4
Science Credits	3
Social Studies Credits	3
Health Credit	0.5
Physical Education Credit (2 @ 0.25 credits)	0.5
Elective Credit from Fine Arts*	1
Elective Credits (see list above)	6
TOTAL CREDITS	**22**

NOTE: Students enrolled in high school credit bearing courses in the junior high school will begin their high school transcript including their high school GPA (grade point average) with those courses.

GENERAL COLLEGE REQUIREMENTS

Subject	Credits
English	4
Social Studies	3 (4)
Math (must include Alg II or equivalent)	4
Science - Phys Sci, Biology, Adv. Science(s)	3 (4)
Foreign Language - 2 years same language	2 (3-4)
Fine Arts*	1
Health and Phys. Ed.	1
Electives	4 (+)

( ) indicate recommendations for stronger preparation for higher education

*Art, music (vocal or instrumental), music appreciation, music technology, music theory, photography, art history, or a one-year vocational/career-tech program.

PROMOTION POLICIES

The student's year in high school along with total number of credits earned determines the grade level. The student will be promoted to the next grade when he/she meets the following criteria:

Freshmen (grade 9) – First year of HS or any student with less than 5 credits
Sophomores (grade 10) – Completed one year of HS and has at least 5 credits
Juniors (grade 11) – Completed two years of HS and has at least 11 credits
Seniors (grade 12) – Completed three years of HS and has at least 17 credits

SCHEDULE CHANGE CRITERIA

Due to commitments for staff assignments, balancing of class sizes, ordering of books, workbooks and supplies, schedule change requests after May 28th must meet one of the following criteria:

1. Mechanical error (example: course number mistyped from the course request sheet);
2. Course needed to meet graduation requirements;
3. Rescheduling of a course failure or not meeting a pre-requisite;
4. Necessity of student's physical health (doctor's recommendation);
5. Successful completion of a summer school course or summer credit flex course;
6. Addition in lieu of study hall the same period, class size permitting; or
7. Inappropriate academic placement with a teacher's recommendation and counselor and administrator approval.

Procedure for changing a schedule that meets one of the above criteria:

1. The student must consult with the counselor to determine the validity and possibility of the requested change.
2. The student must secure written permission from his/her parent/legal guardian prior to any schedule change.

COURSE WITHDRAWAL

If a student withdraws from a **yearlong class after the 15th day**, it will be recorded as a **withdrawal/failing (WF).** Withdraw from a yearlong class before the end of the 15th day will be recorded as a withdrawal (W). If a student withdraws from a **semester class after the 8th day**, it will be recorded as a **withdrawal/failing (WF).** Withdraw from a semester class before the end of the 8th day will be recorded as a withdrawal (W). Parent approval is needed to withdraw from a class. CCP course withdrawal must meet the deadlines of the college/university. The number of courses/hours must still meet the minimal high school requirements.

COURSE FEES

Course fees listed in this document are based on current costs. Fees are subject to change, based on increases/decreases in costs of materials, workbooks, etc. Student who qualify for **free** lunch and submit the appropriate paperwork will have the current year's school fees waived.

PERMISSIONS REQUIRED FOR PREREQUISITES AND REQUIREMENTS

All courses with prerequisites or grade level requirements require teacher recommendation/approval. Please be sure to secure the teacher's initials prior to submitting your schedule forms (request sheets).

CREDIT FLEXIBILITY/CREDIT MAKE-UP/COLLEGE CREDIT PLUS

State and local policies govern educational options. A student pursing one or more of these options should contact the guidance office for more details.

1) Students must have prior written approval from the Urbana High School Credit Flexibility Committee to pursue **credit flexibility options.** The options must be well structured including an educational plan, set of objectives, outline, description of materials, description of criteria and methods for assessing pupil performance submitted on the required paperwork. The teacher of record, a licensed educator, will and evaluate. Information and applications are available from your guidance counselor in the guidance office. Due dates for credit flexibility plans are three times per year: August 5th, December 1st, and May 1st.
2) Students may pursue **summer school/credit recovery options** through Urbana High School's Online Credit Recovery Summer School for core academic courses.
3) **College Credit Plus** is an opportunity for eligible students to earn high school and college credit simultaneously. The participating college or university determines eligibility. An informational session, with high school and college representatives is held each year prior to February 1st for interested students and parents. Individual family meetings (student and parent) must be scheduled with the counselor if they were unable to attend the planned meeting. Intent forms to participate in a CCP program for the upcoming school year must be submitted between February 15th and April 1st. If a student is full-time CCP at a college/university, they must be enrolled in a minimum of 12 semester hours each term (Fall and Spring). If taking CCP courses and HS courses, the number of courses and semester hours will be determined, with the assistance of your HS guidance counselor, using the information below. Please remember to communicate early and often with your counselors at both the HS and college/university.

   In order to determine the maximum number of credit hours a student can take in a **year**, the secondary school must calculate the number of course credits that are for high school credit only and multiply that by 3. That number is then subtracted from the 30 hours. The result is the maximum number of credit hours a student can take in the College Credit Plus program. (This is based on a semester system.)

   30 – (high school only credits x 3) = Maximum number of College Credit Plus credit hours

   This calculation must be completed each year for a student as the high school credits may change.

   The following will be used for balance of CCP hours and HS courses for the **year**:

   One HS yearlong courses is equivalent to two HS semester courses – one each semester.

HS Courses	CCP semester hours (min – max)
0	24 – 30
1	20 – 27
2	16 – 24
3	12 – 21
4	8 – 18
5	4 – 15
6	0 – 12
7	0 – 9

Also, students may only take a maximum of 120 credit hours in the program, using the 30 hour maximum per year calculation (using HS credits and CCP credit hours) as described above. If students would like to take more than the maximum number of credit hours, the student can arrange to register and pay for those additional credit hours as a "self-pay" student. Those hours would be outside of the College Credit Plus program.

A sample college pathway is shown below – many more are available on college websites.

Clark State Community College (www.clarkstate.edu)

https://www.clarkstate.edu/admissions-financial-aid/what-kind-of-student-are-you/college-credit-plus-high-school/college-credit-plus/

College Credit Plus (CCP) Program

Associate of Arts Pathway

The career you *want*.
The degree you *need*.

clarkstate.edu

These represent sample pathways towards the Associate of Arts at Clark State Community College. The courses selected are also guaranteed to transfer to any public Ohio college. Note: There are many other general education courses that could be applied toward the degree and/or the state transfer requirements.

15 Credit Hour Option

Course	Course Title	Credits	Ohio Transfer Module Discipline Area
ENG 1111	English I	3	English Composition
PSY 1111	Introduction to Psychology	3	Social & Behavioral Sciences
HST 1110	Western Civilization to 1600	3	Humanities
COM 1120	Public Speaking	3	Oral Communication
ART 1300	Appreciation of the Arts	3	Humanities
Total Credits		**15**	

30 Credit Hour Option

Course	Course Title	Credits	Ohio Transfer Module Discipline Area
ENG 1112	English II	3	English Composition
SOC 1110	Introduction to Sociology	3	Social & Behavioral Sciences
GLG 1130	Earth and Space Science	4	Natural Sciences
HST 1120	Western Civilization since 1600	3	Humanities
MTH 1050	Mathematics and Today's World	3	Mathematics
Total Credits		**16**	

College Credit Plus (CCP) Program

Associate of Science Pathway

The career you *want*.
The degree you *need*.

clarkstate.edu

These represent sample pathways towards the Associate of Science at Clark State Community College. The courses selected are also guaranteed to transfer to any public Ohio college. Note: There are many other general education courses that could be applied toward the degree and/or the state transfer requirements.

15 Credit Hour Option

Course	Course Title	Credits	Ohio Transfer Module Discipline Area
ENG 1111	English I	3	English Composition
PSY 1111	Introduction to Psychology	3	Social & Behavioral Sciences
HST 1110	Western Civilization to 1600	3	Humanities
COM 1120	Public Speaking	3	Oral Communication
ART 1300	Appreciation of the Arts	3	Humanities
Total Credits		**15**	

30 Credit Hour Option

Course	Course Title	Credits	Ohio Transfer Module Discipline Area
ENG 1112	English II	3	English Composition
SOC 1110	Introduction to Sociology	3	Social & Behavioral Sciences
CHM 1150 or PHY 1501	Intro to General Chemistry or General Physics I w/Algebra	4 5	Natural Sciences
HST 1120	Western Civilization since 1600	3	Humanities
MTH 1050	Mathematics and Today's World	3	Mathematics
Total Credits		**16**	

HONORS DIPLOMAS

Criterion	Ohio Diploma	Academic Honors Diploma	International Baccalaureate Honors Diploma	Career Tech Honors Diploma	STEM Honors Diploma	Arts Honors Diploma (Includes dance, drama/theatre, music, and visual art)	Social Science & Civic Engagement Honors Diploma
Math	4 units, must include one unit of algebra II or equivalent	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content	5 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content[4]	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content
Science	3 units	4 units, including two units of advanced science[2]	4 units, biology, chemistry, and at least one additional advance science[2]	4 units, including two units of advanced science[2]	5 units, including two units of advanced science[2]	3 units, including one unit of advanced science[2]	3 units, including one unit of advanced science[2]
Social Studies	3 units	4 units	4 units	4 units	3 units	3 units	5 units
World Languages	N/A	3 units of one world language, or no less than 2 units of each of two world languages studied	4 units minimum, with at least 2 units in each language studied	2 units of one world language studied	3 units of one world language, or no less than 2 units of each of two world languages studied	3 units of one world language, or no less than 2 units of each of two world languages studied	3 units of one world language, or no less than 2 units of each of two world languages studied
Fine Arts	2 Semesters	1 unit	1 unit	N/A	1 unit	4 units	1 unit
Electives	5 units	N/A	N/A	4 units of Career-Technical minimum[3]	2 units with a focus in STEM courses	2 units with a focus in fine arts course work	3 units with a focus in social sciences and/or civics
GPA	N/A	3.5 on a 4.0 scale	3.5 on a 4.0 scale	3.5 on a 4.0 scale	3.5 on a 4.0 scale	3.5 on a 4.0 scale	3.5 on a 4.0 scale
ACT/SAT/ WorkKeys[1]	N/A	27 ACT/1280 SAT[8]	27 ACT/1280 SAT[8]	27 ACT/1280 SAT[8]/WorkKeys (6 Reading for Information & 6 Applied Mathematics)[7]	27 ACT/1280 SAT[8]	27 ACT/1280 SAT[8]	27 ACT/1280 SAT[8]
Field Experience	N/A	N/A	Complete a field experience and document the experience in a portfolio specific to the student's area of focus[5]	Complete a field experience and document the experience in a portfolio specific to the student's area of focus[5]	Complete a field experience and document the experience in a portfolio specific to the student's area of focus[5]	Complete a field experience and document the experience in a portfolio specific to the student's area of focus[5]	Complete a field experience and document the experience in a portfolio specific to the student's area of focus[5]
Portfolio	N/A	N/A	Develop a comprehensive portfolio of work based on the student's field experience or a topic related to the student's area of focus that is reviewed and validated by external experts[6]	Develop a comprehensive portfolio of work based on the student's field experience or a topic related to the student's area of focus that is reviewed and validated by external experts[6]	Develop a comprehensive portfolio of work based on the student's field experience or a topic that is related to the student's area of focus that is reviewed and validated by external experts[6]	Develop a comprehensive portfolio of work based on the student's field experience or a topic that is related to the student's area of focus that is reviewed and validated by external experts[6]	Develop a comprehensive portfolio of work based on the student's field experience or a topic that is related to the student's area of focus that is reviewed and validated by external experts[6]
Additional Assessments	N/A	N/A	N/A	Earn an industry-recognized credential or achieve proficiency benchmark for appropriate Ohio Career-Technical Competency Assessment or equivalent	N/A	N/A	N/A

NOTES:

For the Academic, International Baccalaureate, and Career Tech Honors Diplomas, students who entered the ninth grade between July 1, 2013 and June 30, 2017 may choose to pursue the diploma by meeting the requirements of these criteria or the previous criteria. Students entering the ninth grade on or after July 1, 2017 must meet these criteria.

Completion of any advanced standing program, which includes Advanced Placement, International Baccalaureate, College Credit Plus, and may include Credit Flexibility, can be counted toward the unit requirements of an Honors Diploma.

Students must meet all but one of the criteria to qualify for an Honors Diploma, and any one of the criteria may be the one that is not met.

Diploma with Honors requirements pre-suppose the completion of all high school diploma requirements in the Ohio Revised Code including:

½ unit physical education (unless exempted), ½ unit health, ½ unit in American history, ½ unit in government, and 4 units in English. The class of 2021 and beyond will need to have ½ unit in world history and civilizations as well.

[1] Writing sections of either standardized test should not be included in the calculation of this score. The Locating Information test is not included in the calculation of the WorkKeys score.

[2] Advanced science refers to courses that are inquiry-based with laboratory experiences and align with the 11/12th grade standards (or above) or with an AP science course, or with an entry-level college course (clearly preparing students for a college freshman-level science class, such as anatomy, botany, or astronomy).

[3] Program must lead to an industry recognized credential, apprenticeship, or be part of an articulated career pathway which can lead to post-secondary credit.

[4] The fifth mathematics and science credit for the STEM honors diploma may be fulfilled with a single course.

[5] Field Experience refers to experiential learning in either an internship or apprenticeship. Students will document their experiences by describing their understanding in a portfolio.

[6] The student portfolio is a collection of experiential learning and competencies based on the student's field experiences. Students will engage with professionals or scholars in the field while developing their own portfolio or ePortfolio of original work that documents their technical, critical and creative skills representative of their honors focus; students' work must be reviewed and evaluated by scholars or professionals within the field/area of study in which the students' work is focused, and the scholars or professionals must be external to the district staff; students will give a presentation to showcase the work and provide an analysis of it to the school and local community. If the student does not complete a field experience, the portfolio can be based on a collection of work related to the student's honors diploma area of focus.

[7] Students must score a minimum of a 6 on the Applied Mathematics WorkKeys Assessment and a minimum of 6 on the Reading for Information WorkKeys Assessment in order to meet the WorkKeys score requirement. The WorkKeys option applies only to the Career Tech Honors Diploma.

[8] These scores are based on the 2016 ACT and SAT assessments. Concordance tables outlining equivalent scores for past and future tests that differ from the 2016 versions will be published on the ODE website. Tables to concord SAT assessments taken prior to March 2016 can be found here. Further information on test concordance can be found here.

CLASS RANKING SYSTEM

Class rank is determined by the weighted scale. Weighted values are given to certain classes with designated grades as stated below. These weighted values will accumulate from grade 9 through 12 and included Honors Algebra I even if taken during Junior High.

Weighted GPA is for ranking purposes only.

LEVEL 1 (4.0)
All other subjects
not listed in level 2 or 3

LEVEL 2 (4.5)
Honors English 9, 10
Spanish I, II, III
French I, II, III
Honors World Studies
Honors Algebra I, II
Honors Geometry
Honors Physical Science
Honors Biology I
Chemistry
Human Physiology
Honors Art III, IV
Music Theory
Science and Technology of Food
Animal Anatomy & Physiology

LEVEL 3 (5.0)
AP English Literature & Composition
AP Calculus
AP US Government & Politics
American Studies CCP
Physics CCP
Pre-Calculus
Spanish IV
French III (if CCP), IV
Art History, including CCP
English 12 CCP
Music Theory CCP

College Credit Plus (CCP) Courses - placed at the level equivalent to the highest level in that subject area.

WEIGHTED SCALE

GRADE	4.0 SCALE	4.5 SCALE	5.0 SCALE
A	**4.00**	**4.50**	**5.00**
A-	**3.67**	**4.17**	**4.67**
B+	**3.33**	**3.83**	**4.33**
B	**3.00**	**3.50**	**4.00**
B-	**2.67**	**3.17**	**3.67**
C+	**2.33**	**2.83**	**3.33**
C	**2.00**	**2.50**	**3.00**
C-	**1.67**	**1.67**	**1.67**
D+	**1.33**	**1.33**	**1.33**
D	**1.00**	**1.00**	**1.00**
D-	**0.67**	**0.67**	**0.67**
F	**0.00**	**0.00**	**0.00**

COLLEGIATE ATHLETICS

Student-athletes interested in participating in collegiate athletics need to communicate early and often with the high school guidance counselors and research requirements for each of the divisions to make certain the student-athlete is creating a plan for meeting the desired requirements.

The student-athlete should review the NCAA website at ncaa.org/student-athletes and register with the NCAA Eligibility Center at eligibilitycenter.org by the end of the sophomore year.

ADMISSION GUIDELINES FOR OHIO-HI-POINT

- 16 years of age by October 1st and completed two years of high school
- Minimum 1.5 GPA
- Good attendance
- Credits earned in English, Math, Science and Social Studies at both the 9th and 10 grade levels
- Strongly recommended that students have completed both PE and the health requirements prior to admission

OHIO'S GRADUATION REQUIREMENTS

CLASS OF 2023 AND BEYOND

Ohio's long-term graduation requirements take effect for the class of 2023. For students entering ninth grade on or after July 1, 2019, Ohio's new high school graduation requirements provide more flexibility to choose a graduation pathway that builds on a student's strengths and passions – one that ensures students are ready for their next steps after high school. Students in the classes of 2018 through 2022 may also use these requirements as a pathway to graduation.

As a part of this pathway to graduation, students must show that they have completed all three parts of these requirements.

1. Credit Requirements:

Students must earn a minimum total of 20 credits in specified subjects and take your required tests. Schools can locally require more than 20 credits. Schools are still required to administer all the high school end-of-course assessments. These are: English Language Arts II, Algebra I (or Integrated Math I), Geometry (or Integrated Math II), Biology, American History, and American Government.

2. Competency:

Students can demonstrate competency by earning a passing score on Ohio's high school Algebra I (or Integrated Math I) and English language arts II tests. Students who do not pass the test will be offered additional support and must retake the test at least once. If students have not met the competency score on these tests, there are four additional ways to show competency.

Option 1	Option 2	Option 3	Option 4	Option 5
Algebra I and ELA II	Career Readiness	College Credit Plus	Military Enlistment	ACT or SAT

Refer to the back of this page for a brief discription of each option.

Option 1. To demonstrate competency using Ohio's state tests, students must earn a score of 684 or above on both the Algebra I (or Integrated Math I) and English language arts II end-of-course exams.

Option 2. To demonstrate competency by Career Readiness, students must demonstrate two career-focused activities, at least one must be a foundational option.

- Foundational options: 1. Cumulative score of proficient on 3 or more WebXams. 2. Earn 12-points of industry credential. 3. Complete a registered pre-apprenticeship, an apprenticeship, or show evidence of acceptance into an approved apprenticeship. 4. State-issued license for a practice in a vocation.

- Supporting options: 1. Work-Based Learning. 2. Earn the workforce readiness score on the Workkeys. 3. Earn the OhioMeansJobs Readiness Seal

Option 3. To demonstrate competency through the College Credit Plus Program, students must earn credit in a non-remedial math or English course for the subject area not passed.

Option 4. To demonstrate competency through Military Enlistment, students must provide evidence of enlistment in a branch of the armed forces to demonstrate competency.

Option 5. To demonstrate competency using the ACT or SAT, students must obtain a remediation-free score in the math and/or English subject area on the ACT or SAT. To demonstrate competency in English, a student must be remediation-free in the subjects of English and reading on the ACT or SAT.

3. Readiness:

Students can meet the readiness requirement by earning two diploma seals. In alignment with their graduation plan, students should be choosing seals that align with their goals and interests. These seals give students the chance to demonstrate academic, technical and professional skills and knowledge that align to their passions, interests and their post-high school pathway.

Of the two seals students are required to earn, at least one of the two must be State-Defined. Ohio's 12 diploma seals are:

- OhioMeansJobs Readiness Seal (State-Defined)
- Industry-Recognized Credential Seal (State-Defined)
- College-Ready Seal (State-Defined)
- Military Enlistment Seal (State-Defined)
- Citizenship Seal (State-Defined)
- Science Seal (State-Defined)
- Honors Diploma Seal (State-Defined)
- Seal of Biliteracy (State-Defined)
- Technology Seal (State-Defined)
- Community Service Seal (Locally-Defined)
- Fine and Performing Arts Seal (Locally-Defined)
- Student Engagement Seal (Locally-Defined)

Want to learn more?

Contact your school counselor or visit education.ohio.gov/graduation

COURSE LISTINGS FOR URBANA HIGH SCHOOL
2023-24 SCHOOL YEAR

Ag, Food & Natural Resources Dept.		**Pg 14-16**
Grade	*Course Title*	*Credits*
9,10	Ag, Food & Natural Resources	1.25
10,11,12	Animal & Plant Science	1.25
10,11,12	Mechanical Principles	1.25
10,11,12	Agriculture & Industrial Power	1.25
11,12	Science & Technology of Food	1.25
11,12	Animal Anatomy & Physiology	1.25
11,12	Bus Mgmt - Ag & Env Systems	1.25
12	Ag Capstone (Hands-on & IBL)	1.00
12	Ag & Env Capstone (Ag Work)	1.25

English Department		**Pg 16-18**
Grade	*Course Title*	*Credits*
9	English 9	1.00
9	Honors English 9	1.00
10	English 10	1.00
10	Honors English 10	1.00
11	English 11	1.00
11,12	English 1111 (CCP)	1.00
12	English 12	1.00
12	English 1112 (CCP)	1.00
10,11,12	Yearbook (Elective)	1.00

Fine Arts Department		**Pg 18-20**
Grade	*Course Title*	*Credits*
9,10,11,12	Concert Band A*(w/ Mrch)	1.00 (1.25)
9,10,11,12	Concert Band B*(w/ Mrch)	1.00 (1.25)
9,10,11,12	Music Appreciation	0.50
9,10,11,12	Music Technology	0.50
11,12	Music Theory/History (CCP Option)	1.00
9,10,11,12	Concert Choir*	1.00
9,10,11,12	Climber Singers*	1.00
9,10,11,12	Art I*	1.00
10,11,12	Art II*	1.00
11,12	Honors Art III*	1.00
12	Honors Art IV*	1.00
12	Art History (CCP Option)	1.00
11,12	Caricature I*	0.50
11,12	Caricature II*	0.50
11,12	Sculpture*	0.50

Foreign Language Department		**Pg 21-22**
Grade	*Course Title*	*Credits*
9,10,11,12	French I	1.00
10,11,12	French II	1.00
11,12	French III (CCP Option)	1.00
12	French IV (CCP Option)	1.00
9,10,11,12	Spanish I	1.00
10,11,12	Spanish II	1.00
11,12	Spanish III	1.00
12	Spanish IV	1.00

Health/Physical Education Dept		**Pg 22-23**
Grade	*Course Title*	*Credits*
9,10,11,12	Health	0.50
9,10,11,12	Nutrition & Wellness	0.50
9,10,11,12	Fitness for Life	0.25
9,10,11,12	Team & Individual Sports	0.25
9,10,11,12	Core & Dynamic Strength Trng	0.25
9,10,11,12	Summer Fitness for Life* (22)	0.25
9,10,11,12	Summer Team & Ind Sports*(21)	0.25

Math Department		**Pg 23-25**
Grade	*Course Title*	*Credits*
9	Algebra IA	1.00
10	Algebra IB	1.00
9	Honors Algebra I	1.00
11	Geometry	1.00
9,10	Honors Geometry	1.00
11,12	Algebra II	1.00
10,11	Honors Algebra II	1.00
11, 12.	Statistics and Probability.	1.00
12	CCR Math Applications	1.00
11,12	Pre-Calculus	1.00
12	AP Calculus	1.00

* Course Fee Required

COURSE LISTINGS FOR URBANA HIGH SCHOOL
2023-24 SCHOOL YEAR

Media/Tech/Marketing/Bus Dept.		**Pg 25-27**
Grade	*Course Title*	*Credits*
9,10,11,12	Computer Applications*	0.50
9,10,11,12	Multimedia*	0.50
9,10,11,12	Computer Sci Principles*	0.50
9,10,11,12	Digital Photo & Video*	0.50
9,10,11,12	Personal Financial Mgmt*	0.50
9,10,11,12	Accounting I	1.00
9,10,11,12	Business Foundations	0.50
9,10,11,12	Finance Foundations	0.50
9,10	Marketing Principles	0.50
11,12	Marketing Applications*	1.00
12	Int Marketing Communication*	1.00
12	Prof & Tech Selling Capstone	1.00

Science Department		**Pg 27-28**
Grade	*Course Title*	*Credits*
9	Physical Science*	1.00
9	Honors Physical Science*	1.00
10	Biology I*	1.00
10	Honors Biology I*	1.00
11,12	Chemistry*	1.00
11,12	Physics CCP*	1.00
11,12	Environmental Science*	1.00
11,12	Human Physiology*	1.00

Social Studies Department		**Pg 29-30**
Grade	*Course Title*	*Credits*
9	World Studies	1.00
9	Honors World Studies	1.00
10	American Studies	1.00
10	American Studies CCP	1.00
11,12	Psychology	0.50
11,12	Universal Studies	0.50
11,12	Am Government & Econ	1.00
11,12	AP US Government & Politics	1.00

OHP Career-Based Intervention		**Pg 30-31**
Grade	*Course Title*	*Credits*
9,10	CBI 9-10	1.00
11,12	CBI 11-12	1.00
11, 12	CBI Job Placement	1.00

OHP Career Center Satellites		**Pg 31-34**
Grade	*Course Title*	*Credits*
9-12	Health Science & Technology	1.00
9-12	Medical Terminology	1.00
9-12	Clinical Laboratory Techniques	1.00
9-12	Intro to Design & Development	1.00
11-12	Welding Technologies	1.00
10-12	Automation & Robotics	1.00
10-12	Robotics	1.00
10-12	Automated Machining/CNC (23-24)	1.00
12	Manufacturing Capstone	1.00
11-12	Aviation Airframe Systems (23-24)	1.00
11-12	Powerplant Theory & Maint (23-24)	1.00
11-12	Aviation Maintenance Gen	1.00
11-12	Aviation Pilot Training	1.00
12	Aviation Capstone	1.00

* Course Fee Required

AGRICULTURE, FOOD, & NATURAL RESOURCES DEPARTMENT

Agriculture, Food and Natural Resources **Course #651** **Credit 1.25** **Level 1**
Grade Levels: 9 – 10

This is the first course in the Agricultural and Environmental Systems career field. It introduces students to the pathways that are offered in the Agricultural and Environmental Systems career field. The following material will be covered: foundation principles of urban soil science (soil quality, soil types, qualities of a good building site, and soil characteristics), food science (quality assurance and product development), an introduction to the National FFA Organization and careers in agriculture-related fields, and an introduction to parliamentary procedure. The second part of this course will focus on application of principles of animal science (quality assurance, nutrition, body systems, care and management) and principles of plant science (nutrition, reproduction, pest management, and production). These topics will be covered and students will begin development of their leadership ability and be given the opportunity to apply skills learned in class in a variety of contests if the student elects to do so. The additional 0.25 credit awarded for this course is due to a required supervised agriculture experience project that students will conduct throughout the course. This course counts as a substitute course under the fine arts waiver for graduation.

Animal & Plant Science **Course #652** **Credit 1.25** **Level 1**
Prerequisite: Ag, Food and Natural Resources
Grade Levels: 10 -11

Students will apply knowledge of animal and plant science to the agriculture industry. They will be introduced to the value of production animals relative to the agricultural marketplace. Students will engage in animal classification and selection, body systems, along with animal welfare and behavior in relation to the productions of animals. Students will learn principles of plant anatomy and physiology, and the role of nutrition, deficiencies and growing environment on plant production. Throughout the course, business principles and professional skills will be examined. The additional 0.25 credit awarded for this course is due to a required supervised agriculture experience project that students will conduct throughout the course. This course counts as a substitute course under the fine arts waiver for graduation.

Mechanical Principles **Course #662** **Credit 1.25** **Level 1**
Prerequisite: Ag, Food and Natural Resources
Grade Level: 10 - 12

Student will engage in the mechanical principles utilized in animal and plant production systems. They will electrical theory, design, wiring, hydraulic and pneumatic theory, along with metallurgy in relation to hot and cold metals. Students will apply knowledge of sheet metal fabrication applicable to the agriculture industry along with identify, diagnose, and maintain small air-cooled engines. Throughout the course, students will learn critical components of site and personal safety as well as communication and leadership skills. This course counts as a substitute course under the fine arts waiver for graduation. The additional .25 credit awarded for this course is due to required participation in a number of FFA activities outside of the regular school day and an SAE project

Agriculture & Industrial Power **Course #660** **Credit 1.25** **Level 1**
Prerequisite: Ag, Food and Natural Resources
Grade Level: 10 - 12

In this course, students will learn the breadth of the Agriculture and Industrial Power Technology pathway. Students will learn the principles of power technology equipment systems and power train components. Additionally, students will learn to safely operate and maintain machinery and equipment along with the principles of welding and metal fabrication. Students must have been enrolled in an agriculture education course prior to this course or concurrent with this course. The additional 0.25 credit awarded for this course is due to a required supervised agriculture experience project that students will conduct throughout the course. This course counts as a substitute course under the fine arts waiver for graduation.

Science and Technology of Food **Course #656** **Credit 1.25** **Level 2**
Grade Level: 11 - 12

This first course in the pathway examines the research, marketing, processing and packaging techniques applied to the development of food products. Learners will examine principles of food preservation techniques and determine correlations to food sensory, shelf life and food stability. Learners will examine and develop food safety, sanitation, and quality assurance protocol. Government regulations and food legislation will be examined and the implications to food science and technology will be identified. The additional 0.25 credit awarded for this course is due to a required supervised agriculture experience project that students will conduct throughout the course. This course counts as a substitute course under the fine arts waiver for graduation.

Animal Anatomy & Physiology **Course #659** **Credit 1.25** **Level 2**
Grade Level: 11 - 12

Students will examine the structure and function of the major organ systems as well as the function and principle of blood flow in animals. Students will study internal and external anatomical parts, their functions, and will investigate the relationships among these parts of systems within the body of animals. Throughout the course, students will apply the internal functions of anatomical structures to the business and industry principles of the animal industry. The additional 0.25 credit awarded for this course is due to a required supervised agriculture experience project that students will conduct throughout the course. This course counts as a substitute course under the fine arts waiver for graduation.

Business Management for Agricultural and Environmental Systems
Course #657 **Credit 1.25** **Level 1**
Grade Level: 11 – 12

Learners will examine elements of business, identify organizational structures and identify and apply management skills. Learners will develop business plans, financial reports and strategic goals for new ventures or existing businesses. Learners will use marketing concepts to evaluate the marketing environment and develop a marketing plan with marketing channels, product approaches, promotion and pricing strategies. Learners will practice customer sales techniques and apply concepts of ethics and professionalism while understanding related business regulations. The additional 0.25 credit awarded for this course is due to a required supervised agriculture experience project that students will conduct throughout the course. This course counts as a substitute course under the fine arts waiver for graduation.

This is a required course for students in Ag & Environmental Systems Capstone (Ag Work).

Ag Capstone: Hands-on and Inquiry Based Learning **Course #661** **Credit 1.00** **Level 1**
Grade Level: 12

Optional participation in FFA

This Ag Capstone is designed to give students hands-on learning experiences! This will be a student led course. The first part of the year will focus on students learning to safely use shop equipment. Students will design their own project and complete that project. The projects will be focused on wood-working but may include electrical work as well as metals if the student desires. Other units of instruction which will be inquiry-based, problem/project based and will include, but are not limited to meat science, business leadership and alternative-based energy. As a part of this course students design and build their own projects; therefore additional costs may be incurred depending on the type and size of project the student chooses. This course counts as a substitute course under the fine arts waiver for graduation.

Ag & Environmental Systems Capstone (Ag Work) **Course #655** **Credit 1.25** **Level 1**
This course is open to <u>seniors</u> only and must be taken concurrently with Business Management for Agricultural and Environmental Systems. Teacher approval is a necessity for this course.

Ag Work is designed to prepare high school students for employment in agriculture and related occupations. Students may receive release time from school according to a student's schedule of required courses. A minimum of 15 hours/week and 540 hours per year of on-the-job instruction is required to receive credit. In addition, students must maintain a 1.67 GPA and be passing all subjects at interims and each grading period to be eligible to leave school for work. If a student fails to meet either part of the work eligibility,

the student shall be reassigned to study hall until the next interim or grading period. The additional 0.25 credit awarded for this course is due to a required supervised agriculture experience project that students will conduct throughout the course.

ENGLISH DEPARTMENT

(Students may be required to purchase various novels and resources during the school year)

English 9 **Course #001** **Credit 1** **Level 1**
Prerequisite: English 8

Students in English 9 will begin intense preparation for high school English and the end of course ELA I exam. A variety of assessments focusing on English-related state content standards will be utilized. Students in English 9 will demonstrate acquisition of vocabulary and examine and discuss the historical influences of the English language. Students will study a variety of texts and genres and identify, explain, analyze, and discuss author use of literary elements and their effect on the text. Students will generate ideas for writing and demonstrate appropriate understanding of the writing process through utilizing organizational strategies, sentence structure, and paragraph and essay development. Students will compose a variety of writing pieces across creative, argumentative, and informational genres while employing correct writing conventions. Required readings include a variety of poems, short stories, plays, informational texts, and novels. Students will also work to improve oral communication skills and prepare a number of class presentations.

Honors English 9 **Course #005** **Credit 1** **Level 2**
Prerequisite: Final Grade of C+ in Acc English 8
Final Grade of B- in English 8

English 9 Honors is an advanced course that will prepare students for the end of course ELA I exam as well as enriches students' reading, writing, and higher-order thinking skills. Students who take this course are preparing for CCP level classes during their junior and senior years. Students are expected to be independent learners and work at an accelerated pace. Students will analyze, critique, and pose independent questions relative to the variety of literary and informational texts and will display mastery beyond mere literal interpretation and simplistic writing styles and conventions. Students will increase mastery and application of vocabulary, reading comprehension, writing process, writing conventions, research, technology, and communication skills relative to state content standards. Students will also construct and display elevated writing techniques across styles and genres, employing a more in-depth thought process. Students will also work to improve oral communication skills and prepare a number of class presentations. Required readings include a variety of poems, short stories, plays, nonfiction, informational texts and novels at an appropriate accelerated level. Summer reading is also required at this level.

English 10 **Course #011** **Credit 1** **Level 1**
Prerequisite: English 9

Utilizing world literature, students in this course will demonstrate knowledge of state learning standards in the areas of writing application, reading comprehension, research, and communication. Students will analyze literary, informational, technical, and argumentative texts to identify literary elements, propaganda techniques, and author purpose to evaluate the overall effect on the texts. Students will acquire and integrate vocabulary through various strategies including use of context clues and analogical statements. Writing is an integral part of this course. Through composition students will be expected to demonstrate an understanding of various writing forms including literary analysis, argument, personal narratives, and synthesis essays. Required readings include a variety of poems, short stories, plays, nonfiction, informational texts, and novels. Students will also work to improve oral communication skills and prepare a number of class presentations. This course is designed to prepare students for the end of course ELA II exam as well as English 11.

Honors English 10 **Course #014** **Credit 1** **Level 2**

Prerequisite: Final Grade of C+ in Honors English 9
Final Grade of B- in English 9

English 10 Honors is a rigorous course that prepares students the end of course ELA II exam as well as enriches students' reading, writing, and higher-order thinking skills. Students who take this course are preparing for AP level classes during their junior and senior years. Students will concentrate on world literature to show mastery of state standards in the areas of writing application, reading comprehension, research, and written and oral communication. Students will analyze and interpret literary, informational, technical, and argumentative texts to identify literary elements, propaganda techniques, and author purpose to evaluate the overall effect on the texts. Students will acquire and integrate vocabulary through various strategies including use of context clues and analogies. Writing is an integral part of this course. Students will be expected to demonstrate an understanding of various writing forms including literary analysis, argument, personal narratives, and informational reports. Required readings include a variety of poems, short stories, plays, nonfiction, informational texts, novels, and literary criticism. Students will be expected to read and research independently in this challenging, academic course, which is designed for college-bound students. This course includes required summer reading.

Summer Reading Title: TBA

English 11 **Course #021** **Credit 1** **Level 1**

Prerequisite: English 10 or Honors English 10

Students will read, interpret, and analyze American Literature. The goal of this course is to build upon prior knowledge of the acquisition of vocabulary, reading applications and process, writing process and conventions, and communication. Students will be required to read and research independently and prepare oral presentations to show comprehension of material. Critiques and interpretation of literature will include the reading of poems, short stories, plays, novels, and nonfiction/informational texts. Students will compose various types of writing to demonstrate an understanding of literature and writing form and conventions.

CCP English 1111 **Course #021CCP** **Credit 1** **Level 3**

Prerequisite: Students must attend CCP meetings, complete CCP intent form and meet Clark State enrollment requirements.

This course is writing intensive. Students enrolled will utilize the writing and revision process. Students will compose academic and argumentative essays. They will also gain experience with other genres, including descriptive, narrative, and expository writing. This course also focuses on syntax and language usage skills as well as library and research skills. Students will read a variety of short texts (essays, speeches, research articles) as well as longer nonfiction texts with the primary focus of identifying writer's purpose, strategy, and style. Students successful in this course will receive three (3) semester credit hours from Clark State. This course is intended for junior level students; however, it may be open to other students as well.

English 12 **Course #031** **Credit 1** **Level 1**

Prerequisite: English 11 or AP Eng Literature & Comp

In this course, students will read and interpret texts from a wide variety of genres, including classical and contemporary literature as well as informational texts. Throughout the course of the year, students will demonstrate mastery of a variety of writing types, including personal essays, literary analyses and argumentative research papers and synthesis essays. The goal of the course is to prepare students for the world beyond high school – whether that is a college classroom or the work force.

CCP English 1112 **Course #031CCP** **Credit 1** **Level 3**
Prerequisite: Students must attend CCP meeting, complete intent form and meet Clark State enrollment requirements. Students must have completed English 1111 with a grade of C or higher.
This course is writing intensive and requires critical thinking skills. Students will write a variety of texts, including ones requiring argument, research, and literary analysis. Students will read a variety of texts, both nonfiction and fiction, and complete a course ending research project that culminates in a paper. This course builds on skills learned in CCP English 1111, including syntax, language, and research skills. Students successful in this course will receive three (3) semester credit hours from Clark State. This course is intended for senior level students; however, it may be open to other students as well.

Yearbook **Course #638** **Credit 1** **Level 1**
Grade Level: 10 - 12
Prerequisite: C or better in previous English course and written permission of yearbook advisor
Students enrolled in Yearbook will learn all facets of yearbook design and production including concepts related to layout, copy writing, photo selection, production, advertising, and marketing. Students will be required to show mastery of introductory material through various projects and assignments prior to beginning actual yearbook design. Second semester, students will utilize previously acquired knowledge and skills to produce the Tower. Students enrolled in this course will be required to sell advertisements and yearbooks and attend school events outside class time. **This course is repeatable.**

FINE ARTS DEPARTMENT

Music Appreciation **Course #712** **Credit 0.5** **Level 1**
This course is not open to students who are taking or have already taken Music Theory.
Music Appreciation is a non-performance course that discusses all genres and time periods of music. The goal of this course is to create conscious listeners of music while developing the aesthetic pleasure of listening to music.

Music Technology **Course #713** **Credit 0.5** **Level 1**
Students will be introduced to music production techniques using current computer music software and hardware. Students will discover methods of writing music on computers, recording and sampling techniques, MIDI, electronic music methods, and scoring.

Concert Choir **Course #711** **Credit 1** **Level 1**
Fee $15.00 **Prerequisite: Permission of the instructor**
Through participation in this ensemble, students will learn basic vocal techniques and music reading skills. This ensemble performs at various times throughout the school year and sings classical choral literature. Each student will wear a choir polo shirt ($20.00) and black pants/skirts.

Climber Singers **Course #717** **Credit 1** **Level 1**
Fee $15.00 **Prerequisite: Open to all who have passed the vocal audition.**
Through participation in this ensemble, students will learn advanced vocal techniques and music reading skills. Students in this ensemble will perform at both District 11 Large Group Contest (March) and Solo and Ensemble Contest (January). This ensemble performs at various times throughout the school year and sings classical choral literature. Each female student will wear a black formal dress ($65.00) and each male student will wear a black formal tuxedo ($95.00). Students may purchase their own dresses and tuxedos, but outfits can be provided.

Concert Band A (with Marching Band) Course #707 (706) Credit 1 (Credit 1.25) Level 1
Fee $15.00
The Marching Band performs at all football games, parades and various festivals. Summer band camp and rehearsals are required. Rehearsals take place from 8th period thru 4:00pm - Monday thru Thursday. Daily attendance is mandatory for successful completion of the course. Concert band starts after football season and includes a Christmas concert, contest concert and spring concert. All performances (including concerts, football games, parades, festivals, etc.) are mandatory. The Concert band concentrates on rehearsing and performing high school band literature. Some after school rehearsals are required. **Entry is by director permission and audition for chair placement.** Band camp is REQUIRED in order to be in marching band. Band camp fees and all uniform fees (paid to the Band Boosters) is $250. Students in marching band are committing to the 10 Friday night performances plus any play-off game performances.

Concert Band B (with Marching Band) Course #709 (708) Credit 1 (Credit 1.25) Level 1
Fee $15.00
The Concert Band concentrates on rehearsing and performing high school band literature. Some after school rehearsals are required. **Entry is by director permission and audition for chair placement.** Non-marching band students rehearse music with the marching band during the first quarter in order to maintain their facility, technical ability, and endurance on their instrument. Concert band is split into two ability-based ensembles determined by auditions during the spring of the previous year. All performances (including concerts, football games, parades, festivals, etc.) are mandatory. Band camp is REQUIRED in order to be in marching band. Band camp fees and all uniform fees (paid to the Band Boosters) is $250. Students in marching band are committing to the 10 Friday night performances plus any play-off game performances.

Music Theory/History (w/CCP Option) Course #715 Credit 1 Level 2
Grade Level: 11 – 12.
Prerequisites: Students must have had at least one year of an ensemble (band or choir) or have taken Music Appreciation and have earned a minimum of a C average.
Music Theory/History is a non-performance course. Theory is the study of basic music fundamentals for basic musicianship including harmony, rhythms, counterpoint, form, orchestration, solfege melody that combine to create the aesthetic make-up of music. History of music will study the historical significance of music from 400 A.D. to the present day. Students will be required to write research papers and give presentations. **Students who apply, are accepted, and successfully complete this course will be awarded college credit through Urbana University.**

Art I Course #721 Credit 1 Level 1
Fee $20.00
Art I is the first step in a sequential grouping of courses ending in Art IV. This course provides an overall foundation on which further study depends. It is designed to benefit the art major and also provide a successful humanity for the general student. Each student must demonstrate, by the example of project work, a reasonable understanding of each project. Emphasis is placed on design theories, positive and negative shapes, values (lights and darks), creative collage and various technical skills. This is possible for all students with reasonable effort.

Art II Course #722 Credit 1 Level 1
Fee $20.00 Prerequisite: Art I or Art I and written permission from instructor
Art II students will have demonstrated successful work in many technical skills. The competent handling of various media such as pencil, ink and chalk in several means of expression will be evident. Areas of study include drawing the human proportions evident in the skeleton and wire sculpture, one and two-point perspective, ripped paper collage and architectural terminology.

Honors Art III **Course #723** **Credit 1** **Level 2**
Fee $20.00 **Prerequisite: Art II Honors and written permission from instructor**
Honors Art III is geared to allow the student further development of Art II Honors ideas. This is accomplished on a much more independent structure. The student must be more self-motivated. Artwork completed will be competitive and useful in portfolio exhibition. Work includes still life drawing in various media; painting is experienced through multiple subject matter choices, various techniques and color choices.

Honors Art IV **Course #724** **Credit 1** **Level 2**
Fee $20.00 **Prerequisite: Art III Honors and written permission from instructor**
Honors Art IV is designed for students who plan to study art in college. The student will be presented with advanced drawing, painting, and batik projects. Their work will be portfolio quality. All Honors Art IV students are expected to also take Art History. The material presented in Art History will inform the Artist about individual artists and major movements. Knowledge of the past will greatly improve the artwork produced by the Honors Art IV student.

Art History (w/ CCP Option) **Course #725** **Credit 1** **Level 2**
Grade Level: 12
Art History traces the development of Western Civilization expressed in the visual arts. Writing is a key feature. Literature and Jungian psychology are enrichments. Learning and using typology is a key feature of the study. The graduate will have the skills to properly observe and understand the visual art world without the aid of "experts". The graduate will have the necessary vocabulary to allow intelligent communication with other educated people. **Students who apply, are accepted, and successfully complete this course will be awarded college credit through Clark State Community College.**

Caricature I **Course #727** **Credit 0.5** **Level 1**
Fee $5.00 **Prerequisite: Art II**
Written permission from the instructor
This course allows independent study in distorting the human face for humor. For an A, the student will draw successfully, in pencil, 25 different faces in caricature. A successful caricature demonstrates drawing skill, perceptive abilities and creativity. This art form is used mainly in newspapers and magazines as political commentary.

Caricature II **Course #728** **Credit 0.5** **Level 1**
Fee $5.00 **Prerequisite: Caricature I**
Written permission from the instructor
This study expands the goals of Caricature I by allowing the student to expand the drawing expertise into ink mediums. Ten successful drawings will be completed. Specific group members (Ex. The Beatles) will be illustrated.

Sculpture **Course #730** **Credit 0.5** **Level 1**
Fee $10.00 **Prerequisite: Art II**
Written permission from the instructor
The student will complete one large sculpture by carving into a plaster block. The development of the idea in simplified animal form is combined with the technical craft of meeting the desired form in creating the finished piece. Additional sculptures will be completed in cardboard, clay and wire.

FOREIGN LANGUAGE DEPARTMENT

French Courses

French l **Course #301** **Credit 1** **Level 2**
Prerequisite: C or better in English or teacher permission

This beginning level of French is an introduction to the basics of the French language and culture. The student learns to speak, read, write, and understand French using simple vocabulary. Did you know that there are 29 countries that have French as an official language? The culture of France and other French speaking countries is presented through videos, photos, and exchanging letters with French pen pals.

French II **Course #302** **Credit 1** **Level 2**
Prerequisite: C or better in French I

French II is a continuation of the French language and culture studied in French I. The student will further develop the four basic skills of listening, speaking, reading and writing. Basic speech patterns and grammar are reviewed. More advanced vocabulary, grammar, and the culture of France and other French speaking countries are taught through dialogue, situations, readings, videos, etc.

French III (w/ CCP Option) **Course #303/303CCP** **Credit 1** **Level 2 (3 if CCP)**
Prerequisite: C or better in French II

French III is designed to develop more fully the student's ability to listen, speak, read, and write. These skills are developed through the daily use of the language and continued study of grammatical patterns, structures and vocabulary. Throughout the year, the culture and civilization of France and other French speaking countries are discussed in more detail. Much emphasis is placed on conversation and language production. **Students who apply, are accepted, and successfully complete this course will be awarded FR1020 credit through Wright State University**.

French IV (w/ CCP Option) **Course #304/304CCP** **Credit 1** **Level 3**
Prerequisite: C or better in French III

French IV continues to heighten the development of listening and speaking skills for active conversations, which may reflect interests such as the arts, history, current events, sports, music, and other cultural topics. There is increased emphasis on reading authentic materials. The study of grammar focuses on review and refinement of previously taught structures and is practiced and reinforced through writing. The student practices and improves listening comprehension through the use of videos, recordings, and daily conversations.
Students who apply, are accepted, and successfully complete French IV will be awarded FR 2010 credit through Wright State University.

Spanish Courses

Spanish I **Course #311** **Credit 1** **Level 2**
Prerequisite: C or better in English

This course is an introduction to the fundamentals of the Spanish language-pronunciation, vocabulary, grammar and culture. Five language skills will be developed: listening, speaking, reading, writing and comprehension. Students become familiar with the cultural elements traditions, customs and events in Spanish-speaking countries. They identify basic vocabulary in conjunction with dialogues, stories, and workbook exercises. Students recognize and apply present tense verb conjugations, including commands. Through composing their own Spanish sentences and dialogues, students comprehend basic sentence structure and strengthen understanding of vocabulary.

Spanish II **Course #312** **Credit 1** **Level 2**

Prerequisite: C or better in Spanish I

This course continues with the fundamentals of the Spanish language. The five skills will continue to be practiced daily. They identify basic vocabulary from work on dialogues, stories, and workbook exercises. The students will recognize and apply conjugations from several additional tenses learned throughout the year. Grammatical structure will be stressed in addition to an increased vocabulary.

Spanish III **Course #313** **Credit 1** **Level 2**

Prerequisite: C or better in Spanish II

Students work on fluency in oral communications, strengthening and increasing grammatical knowledge, increasing writing ability and learning more about countries, cultures and histories. Students examine several books from different countries. Grammar will grow with the additions of idioms.

Spanish IV **Course #314** **Credit 1** **Level 3**

Prerequisite: C or better in Spanish III

Spanish IV is a continuation of Spanish III taken to a higher level. Students work with increasing emphasis on refining their ability to use the target language in appropriate context. They are exposed to an increasing amount of reading materials in the target language and continue to expand and refine their ability to communicate in both oral and written form.

HEALTH & PHYSICAL EDUCATION DEPARTMENT

Health **Course #763** **Credit 0.5** **Level 1**

This course provides health education as a planned sequential high school curriculum that addresses the physical, mental, emotional, and social aspects of health. The curriculum is designed to motivate and assist students to maintain and improve their health, prevent disease, and reduce health-related risk behaviors. Through written assignments, presentations, and exams students develop and demonstrate health-related knowledge, attitudes, skills, and practices. To graduate, students must complete 1/2 credit.

Nutrition & Wellness **Course #765** **Credit 0.5** **Level 1**

In this course, students will use principles of nutrition to ensure a healthy body throughout the lifecycle. An emphasis will be placed on understanding of nutrients and their benefits, portion control and dietary needs. Additional information will include steroid and supplement use, body weight and management and the implementation of physical activity to maintain a healthy lifestyle.

Fitness for Life **Course #770** **Credit 0.25** **Level 1**

This is the introductory Physical Education class. Students will learn the basic principles and aspects of fitness and exercise. They will learn the importance of being active and how to maintain a healthy level of fitness through an active lifestyle and good nutrition. The students will also go through fitness testing to assess their fitness level and learn how to make a fitness plan for themselves. After completing this course, students will have a base understanding and knowledge to be fit for life.

Team & Individual Sports **Course #773** **Credit 0.25** **Level 1**

This class is for the person who likes to play sports. Students will learn a variety of skills and movements required to play a variety of sports. Students will play invasion games (i.e. basketball, ultimate Frisbee), net/wall games (i.e. badminton, pickleball), and target games (i.e. golf, cornhole). Some games will be in a recreational setting and others will be set up in a tournament style. After completing this course, students will hopefully learn or experience a sport they will enjoy playing throughout their life to help them stay active.

Core & Dynamic Strength Training **Course #774** **Credit 0.25** **Level 1**

Prerequisite: Fitness for Life or Summer Physical Education

If you are not a sports person, and are interested in fitness and exercise, this is your course. This course will go into more detail of different aspects of Fitness for Life. Students will learn how to improve their fitness levels of their cardiovascular fitness, muscular strength and endurance, flexibility, and body composition. This course also looks into nutrition, and how food fuels the body for exercise as well as helps it recover after exercise. At the conclusion of this course, students will be able to safely and effectively workout in a gym, weight room, fitness class, or at home. Students will know how to use the equipment that would be used in each of these areas, as well as body weight exercises. Yes, exercise does not have to cost a penny. Students will also learn how to utilize and incorporate the latest technology, apps, and exercise equipment into a workout. Lastly, students will learn a variety of exercise opportunities available to you in the community and surrounding areas.

Summer Fitness for Life (2022) Course #775 Credit 0.25 Level 1

Cost $85 – course will be added to the students schedule after application and payment are received.

Summer physical education is offered to students who desire a physical education experience in the summer to allow for other options during the school year. Offered every other summer – odd summers. Fee waivers do not apply to this option as the course is offered during the school year at no cost.

Summer Team & Individual Sports (2021) Course #776 Credit 0.25 Level 1

Cost $85 – course will be added to the students schedule after application and payment are received.

Summer physical education is offered to students who desire a physical education experience in the summer to allow for other options during the school year. Offered every other summer – even summers. Fee waivers do not apply to this option as the course is offered during the school year at no cost.

MATH DEPARTMENT

Algebra IA Course #201 Credit 1 Leve1 1

Algebra 1A is the first course in the two-part study of algebra. The concepts covered are solving and graphing linear equations and inequalities, understanding functional relationships using graphs, charts, and tables, and reading, interpreting, and solving real-world problems.

Algebra 1A/1B is a two year course sequence which split all topics from Algebra I into two years. The slower pace will allow time for in-depth study, intervention, and real-world problem solving applications. Both courses implement the mathematical practices: make sense of problems and persevere in solving them; reason abstractly and quantitatively; construct viable arguments and critique the reasoning of others; model with mathematics; use appropriate tools strategically; attend to precision; look for and make use of structure; and look for and express regularity in repeated reasoning

Algebra IB Course #202 Credit 1 Leve1 1

Prerequisites: Algebra IA

Algebra 1B is the second course in a two-part study of algebra. The concepts covered in Algebra 1A will be reinforced and expanded to include simplifying polynomial expressions, solving quadratic equations by various algebraic methods, utilizing rational and irrational expressions to solve simple rational and radical equations, understanding and modeling functions in real-word problems. Algebra 1A/1B is a two year course sequence which will cover all topics in a traditional one year Algebra 1 course. The slower pace will allow time for in-depth study, intervention, and real-world problem solving applications. Both courses implement the mathematical practices: make sense of problems and persevere in solving them; reason abstractly and quantitatively; construct viable arguments and critique the reasoning of others; model with mathematics; use appropriate tools strategically; attend to precision; look for and make use of structure; and look for and express regularity in repeated reasoning.

Algebra I Course #210 Credit 1 Level 2

Prerequisites: B or better in 8th grade math

Algebra I will provide an advanced foundation of algebraic skills and the strategies used in problem solving within a one-year course. Students will analyze linear equations and inequalities, polynomials, relations and functions, quadratic equations, graphing, coordinates, and trigonometric function applications. Students will examine and apply Ohio's Learning Standards. This course is recommended for college bound students, especially those interested in STEM (Science, Technology, Engineering and Mathematics) or Business careers.

Geometry **Course #203** **Credit 1** **Level 1**

Prerequisite: Algebra I (or IA/IB)

The focus of this course is the development of logic and reasoning, along with basic ways to think geometrically. Students will study geometric concepts including congruence , proofs, constructions, similarity, trigonometry, coordinate geometry, circles and volume. This course will prepare students for the state EOC Geometry test.

Honors Geometry **Course #211** **Credit 1** **Level 2**

Prerequisite: Algebra I or recommendation of current math teacher

Honors Geometry is a college preparatory course that focuses on developing logical thinking and problem solving skills. Students will study geometric concepts including congruence, proofs, constructions, similarity, trigonometry, coordinate geometry, circles and volume. This course will prepare students for the state EOC Geometry test and their future high school and college math courses.

Algebra II **Course #205** **Credit 1** **Level 1**

Prerequisite: Geometry or Honors Geometry

This course allows for effective and accurate use of formal mathematical notation, vocabulary, and concepts. This course helps tie together algebra, geometry, data analysis, probability, number, and measurement standards. More specifically, students will understand families of functions, develop and use mathematical models to solve real-world problems, use geometry to support algebraic understandings and vice-versa, as well as relate patterns, sequences, and functions.

Honors Algebra II **Course #212** **Credit 1** **Level 2**

Prerequisite: Honors Geometry or recommendation of current math teacher

Honors Algebra II is a rigorous course designed for the serious mathematics student. Students will reexamine the topics of Algebra I along with certain geometric concepts, extending their depth and scope. Students will also analyze and apply matrices, complex numbers, quadratic and polynomial equations and exponential and logarithmic functions. At this level the focus is ACT/SAT preparation and college and career readiness. Students successfully completing this course would be expected to take Pre-Calculus.

College Readiness Mathematics **Course #214** **Credit 1** **Level 1**

Prerequisite: C or Higher in Algebra II or Honors Algebra II

College Readiness Math is for students planning on attending college and wanting to keep up on their math skills. This class will cover a wider range of topics including, but not limited to, conic sections, trigonometry, the unit circle, trigonometry proofs, vectors, and limits. The class will analyze graphs of rational expressions and their features. A graphic calculator is a requirement for this class.

Pre-Calculus **Course #213** **Credit 1** **Level 3**

Prerequisite: Honors Algebra II or recommendation of current math teacher

The Pre-Calculus program is designed for academic students, especially those who are college bound. Students will analyze the relationships inherent to the various types of functions and their applications, with a strong emphasis on trigonometric functions. Students successfully completing this course as a junior may take AP Calculus as a senior. A graphing calculator is required for this course.

AP Calculus **Course #215** **Credit 1** **Level 1**
Prerequisite: C or better in Pre-Calculus

Those students who have successfully completed Pre-Calculus may take AP Calculus, an advanced placement course. Students will examine the theoretical basis for limits, derivatives and integrals, as well as their applications. This course requires a graphing calculator. The AP test is required. To receive credit for this course, students will be responsible for all fees associated with the AP Testing Program.

Stats & Probability **Course #216** **Credit 1** **Level 1**
Prerequisite: Geometry or Honors Geometry

Data is all around us. The purpose of this course is to introduce the major concepts and tools for collecting, analyzing and drawing conclusions from data. Students will be exposed to broad conceptual themes: exploring data, sampling and experimentation, anticipating patterns, statistical inference and probability. This course will present these topics using a hand on project-based approach.

MEDIA/TECHNOLOGY/MARKETING & BUSINESS DEPARTMENT

Computer Applications **Course #234** **Credit 0.5** **Level 1**
Fee: $10.00

This course will focus on the necessary computer skills to function in today's high tech society by developing competencies in keyboarding and a variety of software applications. In a learn-by-doing environment, students will complete activities and projects that include word processing, spreadsheets, desktop publishing, databases, and Internet research.

Multimedia **Course #236** **Credit 0.5** **Level 1**
Fee: $10.00

Multimedia is a unique production-oriented course presented in a hands-on, learn-by-doing atmosphere. Students will use a variety of creative computer applications to create and edit digital video, digital photography, and 3-D animation. Software used in this class will be Photoshop, Macromedia Flash, and Dreamweaver.

Computer Science Principles **Course #235** **Credit 0.5** **Level 1**
Fee: $10.00

Computer Science Principles introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. CS Principles complements CS Discoveries (offered in JH) with a deeper focus on concepts such as how the internet works and the societal impacts of computer science. The course works for beginners and students with experience in other computer science courses.

Digital Photography and Video **Course #240** **Credit 0.5** **Level 1**
Fee: $10.00

Students will gain an understanding of and develop skills in digital photography and video. Students will utilize up-to-date software for storing, editing, and presenting digital photography and video. Students should own or have access to camera for use in this class.

Personal Financial Management **Course #545** **Credit 0.5** **Level 1**
Fee $7.00

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 will include analyzing services from financial institutions, consumer protection, investing and risk management.

Accounting I **Course #550** **Credit 1** **Level 1**

When it comes to moving ahead in business, Accounting will get you there more quickly than any other subject. The complete accounting cycle and proper forms for a proprietorship and a corporation will be covered. Students will learn the concepts involved in processing financial information for service and merchandising businesses. The use of technology in business and its impact on our business world will be explored. If your goal is to enter the work force, or major in a business related field in college, this course is a must for you.

Business Foundations **Course #511** **Credit 0.5** **Level 1**

This is the first course for the Business and Administrative Services, Finance and Marketing career fields. It introduces students to specializations within the three career fields. Students will obtain knowledge and skills in fundamental business activities. They will acquire knowledge of processes, economics and business relationships. Students will use technology to synthesize and share business information. Employability skills, leadership and communications and personal financial literacy will be addressed.

Finance Foundations **Course #512** **Credit 0.5** **Level 1**

This if the first course specific to Finance. It introduces students to the specializations offered in the career field. Students will obtain fundamental knowledge and skills in accounting, banking services, corporate finance, insurance, and securities investments. They will acquire knowledge of financial analysis and application, business law and ethics, economics, international business and business relationships. Knowledge management and information technology will be emphasized. Employability skills, leadership and communications will be incorporated in classroom activities.

Marketing Principles **Course #540** **Credit 0.5** **Level 1**

Students will apply management and motivation theories to plan, organize and direct staff toward goal achievement. They will learn to manage a workforce, lead change, and build relationships with employees and customers. Students will use technology to analyze the internal and external business environment, determine trends impacting business, and examine risks threatening organizational success. Ethical challenges, project management and strategic planning will also be addressed.

Marketing Applications **Course#631** **Credit 1** **Level 1**
Fee $7.00 **Grade Level: 11-12**
Prerequisites: Teacher permission

Students will develop and implement marketing strategies and techniques across marketing functions: channel management, marketing research, marketing planning, pricing, product/service management and branding. They will use marketing operations procedures and activities to ensure marketing's efficiency and effectiveness. Students will generate, screen, and develop new product ideas. They will predict economic trends and conditions and determine how cultural intelligence can impact organizations. Technology, employability skills, leadership and communications will be incorporated in classroom activities.

Integrated Marketing Communications **Course#632** **Credit 1** **Level 1**
Fee $7.00 **Grade Level: 12**
Prerequisites: Marketing Applications

Students will create, execute, and evaluate promotional strategies and content for advertising, sales promotion, and publicity/public relations. They will apply project management techniques to guide and control promotional campaign development and execution. Students will incorporate motivation theories, branding techniques and design principles in communications with targeted audiences. They will plan and implement procedures to use marketing communications that mitigate image or brand-damaging issues. Technology, employability skills, leadership and communications will be incorporated in classroom activities.

Professional & Technical Selling Capstone Course#633 Credit 1 Level 1
Grade Level: 12
Prerequisite: Concurrent (option) with Marketing Applications

In this course, students demonstrate sales processes and techniques used in a business-to-business environment. They will develop, grow, and maintain positive business relationships. Students will monitor trends and the business environment to determine the impact on their sales, customers, and competitors. They will negotiate and adjust prices and sales terms. Students will manage sales activities and territories. Technology, employability skills, leadership and communications will be incorporated into activities. This is a work-based program with 280 hours of work plus additional assignments.

SCIENCE DEPARTMENT

Physical Sciences: Students will demonstration understanding of the composition of physical systems and the concepts and principles that describe and predict physical interactions and events in the natural world. Students will demonstrate an understanding of the historical perspectives, scientific approaches and emerging scientific issues associated with the physical sciences. (Physical Science, Chemistry, and Physics)

Life Sciences: Students will demonstrate an understanding of how living systems function and how they interact with the physical environment. Students will also develop a deeper understanding of the principles of heredity, biological evolution, and the diversity and interdependence of life. Students will demonstrate an understanding of different historical approaches and emerging scientific issues associated with life sciences. (Biology, Environmental Science, and Human Physiology)

Physical Science Course #404 Credit 1 Level 1
Fee: $10.00

This course is designed to give students a better comprehension of the composition of physical systems and concepts and principles that describe and predict physical interactions and events in the natural world. This includes properties of matter, properties of materials and objects, basic chemical reactions, and the conservation of matter. It also includes the basics of motion and forces affecting motion, nature of waves and interactions of matter and energy. Students will relate historical perspectives and scientific approaches and issues associated with physical science.

Honors Physical Science Course #414 Credit 1 Level 2
Fee $10.00 Prerequisite: Enrolled in Honors Algebra I as a freshman or a C or better in 8th grade Honors Algebra I

Students will learn historical perspectives, current theories and practices in physics (energy, mechanics, force), chemistry, and earth/space science. The honors curriculum will challenge students to master abstract concepts and to apply basic algebra skills when solving science problems. This course is recommended for the student with a strong background and/or interest in science and for those who plan on further study in advanced laboratory sciences.

Biology I Course #411 Credit 1 Level 1
Fee $15.00 Prerequisite: Sophomore Status

Biology is a course that is designed to familiarize the student with the living world. Emphasis will be placed on the development and understanding for Biological relationships reinforced with laboratory activities. Topics covered will include cells, genetics, evolution, biodiversity, taxonomy and exploring diversity.

Honors Biology I **Course #412** **Credit 1** **Level 2**
Fee $15.00 **Prerequisite: C or better in Physical Science**
Students in Honors Biology I will be engaged in rigorous learning experiences that will prepare them for the collegiate environment. They will be required to evaluate and analyze experimental data, concepts, hypotheses, and theories. Synthesis of new ideas and concepts will be required. Students selecting this course should expect a challenging learning experience that will require them to develop and refine their higher level thinking skills.

Environmental Science **Course #416** **Credit 1** **Level 1**
Fee $15.00 **Prerequisite: Physical Science and Biology I**
Environmental Science is the second course in the sequence of life science courses. Concepts introduced in previous science classes will be reinforced and expanded upon. Students will be expected to critically evaluate how humans have impacted the earth in the past, assess how that impact shapes the future, and appraise how technology has shaped present-day biology. Students will interpret topical issues to evaluate biology's relevance in today's society and expand the student's awareness of local, national, and global biological issues.

Chemistry **Course #421** **Credit 1** **Level 2**
Fee $15.00 **Prerequisite: Biology I and a C or better in Algebra I**
Students demonstrate an understanding of the composition of chemical systems and the concepts and principles that describe and predict interactions and behavior of matter and energy in the physical world. This includes demonstrating an ability to analyze, describe and predict the structure and properties of matter on both an atomic and macro level.

Human Physiology **Course #415** **Credit 1** **Level 2**
Fee $25.00 **Prerequisite: Biology I (C or better) and Chemistry or taking concurrently taking Chemistry**
This course is a continuation, extension and completion of concepts began in Honors Biology I. The emphasis is on structure and function in the human body as a representative vertebrate organism, with occasional comparison to other vertebrates. Students will demonstrate an understanding of how the human body functions and how it interacts with the environment. An understanding of the characteristics, structure, and function of cells, tissues, organs, and organ systems will be developed. Students demonstrate an understanding of different historical perspectives, scientific approaches, and emerging scientific issues associated with human anatomy and physiology.

Physics CCP **Course #431** **Credit 1** **Level 3**
Fee $5.00 **Grade Level: 11 or 12**
Prerequisite: Algebra II, Credits earned for Physical Science and Biology
Physics is designed such that students will assemble and organize Physics principles in order to examine the natural world around them. The course will be a blend of theoretical concepts with experimental applications. The course content will include basic science skills, mechanics, and thermodynamics, including rotational motion, equilibrium and dynamics and thermal physics. **Students who apply, are accepted and successfully complete this course will be awarded PHYCS250 credit (General Physics 1) through the University of Findlay.**
***Credit earned can transfer to Ohio universities and colleges, pending universities approval.**

SOCIAL STUDIES DEPARTMENT

World Studies **Course #118** **Credit 1** **Level 1**

World Studies is a year-long course that 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.

Honors World Studies **Course #119** **Credit 1** **Level 2**

Prerequisite: C or better in 8th Grade History

Honors World Studies is a course designed to provide college bound students with a historical framework from which to understand current events. Based on the Ohio Social Studies Curriculum Model, the Honors World Studies course builds on the material covered in 6th and 7th grade Social Studies and continues the study of the world from the Enlightenment to the present. Following a multi-dimensional approach based on the curriculum strands of history, society, economy, government and citizenship, geography, and social skills and methods, the student, while preparing for the OGT, will practice higher order thinking skills necessary for success in college. There is a required research paper for this class.

American Studies **Course #111** **Credit 1** **Level 1**

Prerequisite: World Studies

American Studies is a year-long course that examines the history of the United States of America from 1877 to the present. It explores how the federal republic has withstood challenges to its national security and expanded the rights and roles of its citizens. The episodes of America's past have shaped the nature of the country today and prepared it to attend to the challenges of tomorrow. The purpose of this course is for students to develop an understanding of how these events came to pass and their meaning for today's citizens. 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.

American Studies CCP **Course #112** **Credit 1** **Level 3**

Prerequisite: C or better in World Studies, Acceptance in Edison State CCP program

Survey of the development of the United States, emphasizing the political, social, and economic institutions that distinguish American culture. The course examines America's colonial origins and the development of the United States through the era of Reconstruction and after. **Students who apply, are accepted, and successfully complete American Studies CCP will be awarded HST 121 & HST 122 credit through Edison State University.**

Psychology **Course #135** **Credit 0.5** **Level 1**

Prerequisite: Senior have first priority, then Juniors if numbers permit

This semester-long social psychology class deals with the behavior of human beings as individuals and in groups. Through a combination of traditional instruction and experiential learning students will examine and analyze the physiological, psychological, and emotional factors, which determine their behavior.

Universal Studies **Course #137** **Credit 0.5** **Level 1**

Prerequisite: Seniors have first priority, then Juniors if numbers permit

Universal Studies covers current social issues. Students help define the topics of discussion. Group work, class discussion and presentation are some of the techniques used. A final project is required.

American Government & Economics Course #131 Credit 1 Level 1
Prerequisite: World Studies and American Studies

American Government and Economics is a year-long course that examines how the American people govern themselves at national, state, and local levels of government. This course traces the United States' political progress throughout its history and how the American government has evolved to meet the needs of its people. Students will demonstrate and apply the democratic methods used in the United States to discover the importance of their role in that process. This course also explores the economic and financial literacy fundamentals that guide individuals and nations as they make choices about how to use limited resources to satisfy their wants. More specifically, it examines the ability of individuals to use knowledge and skills to manage limited financial resources effectively for a lifetime of financial security.

AP U.S. Government and Politics Course #133 Credit 1 Level 3
Prerequisite: B - or better in previous social studies course, exceptions will only be considered with written teacher recommendation.

This full year AP course is intended for qualified students who wish to complete studies in secondary school equivalent to a one-semester college introductory course in United States government and politics. The course will give students an analytical perspective on government and politics and the analysis of specific examples. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. politics. Students successfully completing this course will:

-know important facts, concepts, and theories pertaining to U.S. government and politics
-understand typical patterns of political processes and behavior and their consequences (including the components of political behavior, the principles used to explain or justify various government structures and procedures, and the political effects of these structures and procedures)
-be able to analyze and interpret basic data relevant to U.S. government and politics.

Occasionally, there may be additional costs to supplement the educational experience. <u>All students will be required to take the AP exam to receive credit in this course.</u> Students will also be responsible for all fees associated with the AP Testing Program.
Financial literacy standards and instruction will also be incorporated within this course.

CAREER-BASED INTERVENTION

CBI 1 Course #HP CBI 1 Credit 1, repeatable once Level 1
Prerequisite: 1st or second year in high school and written permission from instructor

This career course stresses job-seeking and job-keeping skills and exploration of career fields in the 21st century workforce. Course topics include social & emotional skills, career & college preparation, financial literacy, technology literacy, health & wellness, business reading skills, ethics & legal practices, safety, communication skills, and customer service. This program falls under the supervision of Ohio Hi-Point Career Center.

CBI 2 Course #HP CBI 2 Credit 1, repeatable once Level 1
Prerequisite: 3rd or 4th year in high school, Must also enroll in CBI Job Placement

The basic knowledge needed to seek, find and keep a job is stressed. The importance of employer-employee relationships will be discussed. In general, any subject which concerns itself with the "World of Work" is covered in this two-year program. A one-year enrollment covering subject matter is available. **<u>The student must also take course #HP CBI JP Job Placement. The student must maintain consistent employment throughout the entire school year.</u>** This program falls under the supervision of Ohio Hi-Point Career Center.

CBI Job Placement Course #HP CBI JP Credit 1, repeatable once Level 1
Prerequisite: 3rd or 4th year in high school, must also enroll in CBI 11-12

This "on the job" experience must be taken concurrently with course #HP CBI 2. The student is evaluated by the employer and instructor each nine weeks. The student, employer, and coordinator write a job description for the student's work station or work assignment that includes, at minimum, skills needed to perform the job duties as well as safety rules and regulations. The coordinator makes regular visits to the job site and charts the progress of the student. **A minimum of 540 successful on-the-job work hours is needed for each work credit earned(approximately 135 hours each quarter). TRANSPORTATION IS A MUST FOR EVERY STUDENT IN THE PROGRAM AND IS THE STUDENT'S RESPONSIBILITY. STUDENT MUST BE EMPLOYED AT A W-2 WAGE EARNING JOB.** A student may earn up to 2 credits per year for successful completion of the job training experience. This program falls under the supervision of Ohio Hi-Point Career Center.

OHIO HI-POINT CAREER CENTER SATELLITE
Locations: Urbana High School and Grimes Airport

*The following courses are offered as satellite classes at Grimes Airport and Urbana High School. Students must have their own transportation to attend class at Grimes Airport or to participate in internships held at various locations in the community. The next pages are dedicated to the OHP Satellite Programs.

Advanced Manufacturing Courses Location: Urbana High School

Introduction to Design and Development Course #HP U340 Credit 1 Level 1
College Credit for Qualified Students: CTAG credit at any state institution with a course match for CTMET004. (Manufacturing Processes, 3 semester hours) or Articulated credit at Clark State Community College for ENT 1050 (Manufacturing Foundations, 4 semester hours)
Students will learn the production processes applied across manufacturing operations. Students will be able to demonstrate a broad array of technical skills with an emphasis given to design & development. Skills include: learning the engineering process by understanding design criteria, imaging solutions, planning scope of work, creating projects through Computer Aided Design, working with your hands and quality practices. Then improving the process. Students may participate in "SkillsUSA", which is a career-technical student organization aimed to develop leadership, academic and technology skills in the workplace (some fees apply). Students in this course may earn college credit.

Welding Technologies Course #HP U344 Credit 1 Level 1
Prerequisite: 11th or 12th Grade
College Credit for Qualified Students: Articulated credit at Clark State Community College for WLD 1000 (Introduction to Welding, 3 semester hours)
Students will use fundamental welding principles involving shielded metal arc, oxyacetylene, gas tungsten, and gas metal arc welding in the flat, horizontal, and vertical positions. An emphasis is given to electrode selection, equipment setup, operating procedures, welding inspection, and testing. Students will learn joint designs and layout and will be introduced to welding codes and standards. Additional topics include employability skills and an emphasis will be given to personal safety. Students may participate in "SkillsUSA", which is a career-technical student organization aimed to develop leadership, academic and technology skills in the workplace (some fees apply). Students in this course may earn college credit.

Automation and Robotics Course #HP U341 Credit 1 Level 1
Prerequisite: Introduction to Design and Development
College Credit for Qualified Students: CTAG credit at any state institution with a course match for CYMET00F5 (Computer Aided Design/Drafting, 3 semester hours)

In this course, students will be introduced to all aspects of computer-integrated manufacturing. They will learn about robotics and automation, manufacturing processes, computer modeling, manufacturing equipment, and flexible manufacturing systems. Students may participate in "SkillsUSA", which is a career technical student organization aimed to develop leadership, academic and technology skills in the workplace (some fees apply). Students in this course may earn college credit

Robotics **Course #HP U343** **Credit 1** **Level 1**
Prerequisite: Introduction to Design and Development

Tentative Industry Credential for Qualified Students:
Students will apply the knowledge and skills necessary to program and operate Robots, using the teach pendant as the main interface point. The Students will learn robotic operations and system configurations. Students will code, compile, and debug programs using the robotic programming language. Students may participate in "SkillsUSA", which is a career-technical student organization aimed to develop leadership, academic and technology skills in the workplace (some fees apply). Students in this course may earn college credit.

Manufacturing Capstone **Course #HP U345** **Credit 1.0 – 4.0** **Level**
Prerequisite: Senior, with permission of Instructor and Counseling Department and has taken (2) pathway courses
The capstone course provides opportunities for students to apply knowledge, attitudes and skills that were learned in Manufacturing program in a more comprehensive and authentic way. Capstones often include project/problem-based learning opportunities that occur both in and away from school. Under supervision of the school and through community partnerships, students may combine classroom learning with work experience. This course can be delivered through a variety of delivery methods including cooperative education or apprenticeship.

Automated Machining (CNC) **Course #HP U342** **Credit 1** **Level 1**
(Expected in 2024-25) **Prerequisite: Introduction to Design and Development**
In this course, students will use computer numerical control (CNC) programming to mill products comprised of various materials. Students will prepare numerical control programs in positioning systems using standard industrial G and M codes. They will program computerized numerical control mills and lathes. Students may participate in "SkillsUSA", which is a career-technical student organization aimed to develop leadership, academic and technology skills in the workplace (some fees apply). Students in this course m ay earn college credit.

Health Science Courses Location: Urbana High School

Health Science and Technology **Course #HP G350** **Credit 1** **Level 1**
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. Students may participate in "HOSA", which is a career-technical student organization aimed to develop leadership, academic and technology skills in the workplace. Industry credential opportunities may be available.

Clinical Laboratory Techniques **Course #HP G351** **Credit 1** **Level 1**
Students will apply practical application of a wide range of clinical duties. Topics covered will include hematology, urinalysis, hematopoiesis processes, body chemistry, microbiology, and blood typing. Students will perform laboratory exercises illustrating principles of the cell and human physiology. Emphasis is given to safe handling, collection procedures, and preparation of specimens. Additionally, students will correlate and document

clinical findings and maintain quality management in a clinical laboratory. Students may participate in "HOSA", which is a career-technical student organization aimed to develop leadership, academic and technology skills in the workplace. Industry credential opportunities may be available.

Other Health Science courses may be available by arrangement for students who have already taken one or two of the above listed Health Science Courses.

Health Sciences Capstone **Course #HP G355** **Credit 1** **Level 1**
Prerequisite: Senior and Instructor Recommendation

The capstone course provides opportunities for students to apply knowledge, attitudes, and skills that were learned in Health Science program in a more comprehensive and authentic way. Capstones often include project/problem based learning opportunities that occur both in and away from school. Under supervision of the school and through community partnerships, students may combine classroom learning with work experience. This course can be delivered through a variety of delivery methods including cooperative education or apprenticeship.

Air Transportation Program (2-Yr) Location: Grimes Field Airport, Urbana

Aviation Airframe Systems **Course #HP G363** **Credit 1** **Level 1**
Fee: Paid for by OHP
Offered in 2023-24 **One Semester (2 periods) – No Prerequisites**

Students will learn the proper use of hand, power and shop tools. They will inspect, repair, and refinish aircraft airframes and external components. Students will rig rotary and fixed-wing aircraft, evaluate and repair sheet metal and nonmetallic structures. Students will form, lay out, bend and join metal airframe components using welding processes, rivets and fasteners. Students will inspect, repair and assemble wooden, metal, aluminum, fiberglass and composite components. Students will inspect and repair external finishes including surface preparation and refinishing. Students may participate in "SkillsUSA", which is a career-technical student organization aimed to develop leadership, academic and technology skills in the workplace (some fees may apply).

Powerplant Theory & Maintenance **Course #HP G361** **Credit 1** **Level 1**
Fee: Paid for by OHP **One Semester (2 periods) – No Prerequisites**
(Offered 2023-24)

Students will learn the principles of theory, operation, and maintenance of powerplant mechanical and electrical systems including ignition, starting, and fire protection. Students will inspect, repair, and install aircraft powerplants. Students will examine and service systems that support each engine type including fuel, lubrication, and cooling. Additionally, students will perform powerplant conformity and airworthiness inspections, troubleshoot malfunctions and service aircraft to assure continued operation and reliability. Students may participate in "SkillsUSA", which is a career-technical student organization aimed to develop leadership, academic and technology skills in the workplace (some fees may apply).

Aviation Maintenance General **Course #HP G360** **Credit 1** **Level 1**
Fee: Paid for by OHP **One Semester (2 periods) – No Prerequisites**

Students will apply knowledge of aircraft ground handling safety procedures to aviation maintenance. Students will start, ground operate, service, and secure aircraft. Students will perform aircraft maintenance including detecting, identifying, removal, and treating of various types of corrosion found on ferrous and non-ferrous metals. In addition, students will identify methods of cleaning aircraft and aircraft components. The course content also focuses on developing communication, leadership, human relations, and employability skills; and safe, efficient work practices.

Aviation Pilot Training **Course #HP G362** **Credit 1** **Level 1**
Fee: Paid for by OHP **One Semester (2 periods) – No Prerequisites**

Students will learn the essentials of piloting an aircraft via classroom led Ground School, and if proficiency is obtained, they will have the opportunity to take the FAA Private Pilot Knowledge Test and earn that credential.

They will learn principles of aircraft operations, air traffic control, meteorology, and navigation, as well as aircraft performance functions including spins, recovery, stalls, landings, and takeoffs. Students will apply skills to tie-off, transfer and defuel aircraft. An emphasis is given to Federal Aviation Administration regulations, and mitigation of personal and aviation hazards.

Aviation Capstone Course #HP G364 Credit 1-2 Level 1
Fee: Paid for by OHP. Prerequisite: None All Year Course

Internship opportunities are available at Grimes Field Airport with Champaign Aviation Museum and Mid America Flight Museum, where students are given a "Hands On" opportunity to help restore and build vintage military and civilian aircraft. The capstone course provides opportunities for students to apply knowledge, attitudes and skills that were learned in the Transportation program in a more comprehensive and authentic way. Capstones often include project/problem-based learning opportunities that occur both in and away from school. Under supervision of the school and through community partnerships, students may combine classroom learning with work experience. Students may use the capstone course to earn a Ground School certificate or their Drone Part 107 certification, an industry recognized credential. This course can be delivered through a variety of delivery methods including cooperative education or apprenticeship.