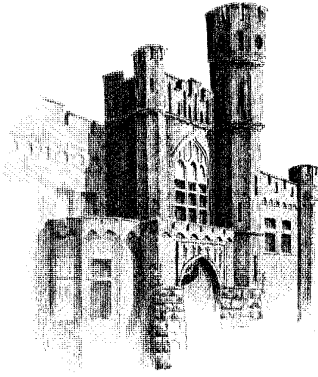


Urbana High School



**Scheduling Information
& Course Descriptions
2025-26**



Urbana High School

500 Washington Avenue

Urbana, Ohio 43078

www.urbanacityschools.org/1/Home

Phone 937-653-1412

Fax 937-653-1487

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 14, 2025**

Holly Lewis
Counseling Office Secretary
653-1424

Angie Evans
A – K & OHP Counselor
653-1426

Valerie Leonard
L – Z & CCP Counselor
653-1425

Course/Instruction Planning & Requirements

<u>9th Grade</u>	<u>10th Grade</u>	<u>11th Grade</u>	<u>12th Grade</u>
English	English	English	English
Math	Math	Math	Math
Science	Science	Science	Electives
Social Studies	Social Studies	Social Studies	
Health	Phys Ed	Electives	
Phys Ed			
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 and .5 must be Personal Financial Management.

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
Personal Financial Management	0.5
Elective Credit from Fine Arts*	1
Elective Credits (see list above)	5.5
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

<u>Subject</u>	<u>Credits</u>
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 pursuing 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.)

$$30 - (\text{high school only credits} \times 3) = \text{Maximum number of College Credit Plus credit hours}$$

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

There are new Honors Diploma requirements starting with the class of 2026. High school students can gain state recognition for exceeding Ohio’s graduation requirements through an honors diploma. To meet honors diploma requirements, students challenge themselves by taking and succeeding at high-level coursework and in real-world experiences.

Ohio students have the opportunity to choose to pursue one of six honors diplomas:

1. [Academic Honors Diploma](#)
2. [International Baccalaureate Honors Diploma](#)
3. [Career Tech Honors Diploma](#)
4. [STEM Honors Diploma](#)
5. [Arts Honors Diploma*](#)
6. [Social Science and Civic Engagement Honors Diploma](#)

**includes dance, drama/theatre, music and visual art.*

Each type of honor diploma has different requirements which can be found at:
<https://education.ohio.gov/Topics/Ohio-s-Graduation-Requirements/Contacts-and-Resources/Honors-Diplomas>

Below is an example of the Academic Honors Diploma:

ACADEMIC HONORS DIPLOMA

Requirements	State Minimum
1 Math	Fourth math must be > Algebra 2
2 Science	One additional unit Advanced Science
3 Social Studies	One additional unit Social Studies
4 World Languages	Three sequential units of one world language, or no less than 2 sequential units of two world languages studied
5 GPA	3.5 on a 4.0 scale
6 ACT/SAT	ACT: Score of 27 or higher, SAT: Score of 1280 or higher
7 Seal Requirement	Earn two additional diploma seals, not including Honors Diploma Seal
8 Experiential Learning	Field Experience & Portfolio, OhioMeansJobs Readiness Seal*, or Work-Based Learning

*Students can use OMJ Readiness Seal in 2 additional seals requirement if it is not used in Experiential Learning.

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)

English 11 CCP
Calculus CCP
Political Science CCP
American Studies CCP
Physics CCP
Pre-Calculus CCP
Spanish IV
French II & 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

- Students must be a sophomore or junior in one of OHP's partner school districts.
- Students must be on track to graduate (eight core credits for junior status, 12 for senior status).
- GPA and attendance will no longer be part of the evaluation process.
- Any program receiving more applications than seats in the program will have a lottery system instituted to ensure equity in the enrollment process.

ADMISSION LOTTERY PROCESS

The lottery system will go into effect if eligible applications for a chosen program go over the number of seats available. OHP will use an electronic system to randomly select eligible applications. If the applicant earns a spot in the program, they will be notified and have the option to claim their seat in the program.

Once seats are filled in a program, eligible applicants will be placed on a waitlist. That means if Student B is in "waitlist" status and Student A declines their acceptance, Student B has the chance to get into the program depending on their lottery placement. If a student applying in the Priority Registration window receives a "waitlist" status, that student's placement in the waitlist will not change when the next lottery system is instituted in the General Registration window.

Students are encouraged to apply early so they can be reviewed in the first wave of admission decisions, which will be sent via mail and email in mid- to late February. Juniors who apply to a two-year program will only be considered after sophomore students are admitted. A student can receive the following admission decisions:

- **Accepted** - Congratulations! You meet requirements for the career program and seats are available. Your acceptance is contingent upon confirming* your seat in the program and a successful remainder of the school year.
- **Waitlist** - You've met requirements, but all the program seats are filled. You can choose to remain on the waitlist in the event a seat becomes available, or ask about seat availability in a different program. Your application will then be reviewed and ranked within the new program of choice.
- **Credit Deficient** - You have not reached the minimum amount of core credits required for enrollment (8 core credits for junior status and 12 core credits for senior status). Please talk with your counselor about credit recovery. An updated transcript showing the credit recovery can be reviewed at the end of the school year. If program seats are available, you may be accepted as a half-day only student to ensure you can complete the required credits at your partner school.

Students receiving an accepted status have **two weeks to accept their seat in the program*



**UNLOCK
YOUR
FUTURE**

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 description 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
2025-26 SCHOOL YEAR**

Ag, Food & Natural Resources Dept. Pg 14-15		
<i>Grade</i>	<i>Course Title</i>	<i>Credits</i>
9,10	Ag, Food & Natural Resources	1.25
10,11,12	Animal & Plant Science	1.25
10,11,12	Mechanical Principles	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

World Language Department Pg 21-22		
<i>Grade</i>	<i>Course Title</i>	<i>Credits</i>
9,10,11,12	French I	1.00
10,11,12	French II (CCP Option)	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

English Department Pg 16-18		
<i>Grade</i>	<i>Course Title</i>	<i>Credits</i>
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

Health/Physical Education Dept Pg 23		
<i>Grade</i>	<i>Course Title</i>	<i>Credits</i>
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* (27)	0.25
9,10,11,12	Summer Team & Ind Sports*(26)	0.25

Fine Arts Department Pg 18-20		
<i>Grade</i>	<i>Course Title</i>	<i>Credits</i>
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
10, 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

Math Department Pg 24-25		
<i>Grade</i>	<i>Course Title</i>	<i>Credits</i>
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
11,12	Pre-Calculus (CCP Option)	1.00
12	Calculus (CCP Option)	1.00

* Course Fee Required



**COURSE LISTINGS FOR URBANA HIGH SCHOOL
2025-26 SCHOOL YEAR**

Media/Tech/Marketing/Bus Dept. Pg 25-27

<i>Grade</i>	<i>Course Title</i>	<i>Credits</i>
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 Photography*	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	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 27-29

<i>Grade</i>	<i>Course Title</i>	<i>Credits</i>
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

<i>Grade</i>	<i>Course Title</i>	<i>Credits</i>
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	Political Science CCP	1.00

OHP Career-Based Intervention Pg 30-31

<i>Grade</i>	<i>Course Title</i>	<i>Credits</i>
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 31-32

<i>Grade</i>	<i>Course Title</i>	<i>Credits</i>
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 (26-27)	1.00
12	Manufacturing 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 Ag. program/career field. It introduces students to Agriculture and career fields. Students will learn about soil science, plant science, animal science, food science as well as introduction to concepts of welding, construction and small engines, leadership and employability skills. These topics are introductory and students will begin to develop their interests in an agricultural systems career or discipline. Students will be given the opportunity to apply these skills and interests in a variety of contests if the student elects to do so as well as be a part of the FFA organization. The additional .25 credit awarded for this course is due to a required supervised agricultural experience (SAE) that students will conduct throughout the course. This course also counts as a substitute course under the fine arts waiver for graduation and additionally paves the path to earn a 12 point graduation credential in the Agricultural Systems career pathway.

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

Students will build on their introductory knowledge gained in Ag, Food and Natural Resources. They will further dive into learning animal production practices for health, nutrition, behavior, reproduction, welfare, classification, animal selection and introduction to body systems. Students will expand on the principles of plant anatomy, physiology, nutrition, deficiencies, production practices and growing environments. The additional .25 credit awarded for this course is due to a required supervised agricultural experience (SAE) that students will conduct throughout the course. This course also counts as a substitute course under the fine arts waiver for graduation and additionally paves the path to earn a 12 point graduation credential in the Agricultural Systems career pathway.

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

This course serves as an introduction to mechanical principles where students will be introduced to many shop, mechanical, construction and industry practices. Topics covered are work safety, employability skills, communication and leadership, tool and equipment identification, use and maintenance, basics of woodworking, introduction to hot metal cutting and welding, electrical wiring, hydraulics & pneumatics, concrete work and small air cooled engine operations and maintenance. The additional .25 credit awarded for this course is due to a required supervised agricultural experience (SAE) that students will conduct throughout the course. This course also counts as a substitute course under the fine arts waiver for graduation and additionally paves the path to earn a 12 point graduation credential in the Agricultural Systems career pathway.

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

This course examines the research, marketing, processing and packaging techniques applied to the development of food products. Students will example principles of food preservation and determine the correlations to food sensory, shelf life and food stability. Students will examine and develop food safety, sanitation, and quality assurance protocols as well as learn government regulations and legislation for the food industry. The additional .25 credit awarded for this course is due to a required supervised agricultural experience (SAE) that students will conduct throughout the course. This course also counts as a substitute course under the fine arts waiver for graduation and additionally paves the path to earn a 12 point graduation credential in the Agricultural Systems career pathway. This course also can serve as a third science credit to meet graduation requirements.

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

Students will identify and examine the various structures and functions of animal anatomy and physiology. They will learn the internal and external anatomy of animals, their functions and relationships. Students will learn basic veterinary, animal care and medical terminology as well as techniques in administering medication and care to animals. Animals are much like humans so this course serves as a great way to pave a path of knowledge for anyone wanting to enter the medical field. This course also counts as a substitute course under the fine arts waiver for graduation and additionally paves the path to earn a 12 point graduation credential in the Agricultural Systems career pathway. This course also can serve as a third science credit to meet graduation requirements.

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. Students will be awarded financial literacy credit for successful completion of the course.

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 and gain life skills! 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. Students will also have the opportunity to learn important life skills which include car maintenance, financial planning, banking/credit/loans, taxes and home maintenance. 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 seniors 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.

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.

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. The state of Ohio requires all junior level students take the ACT; as a result, ACT preparation is also included in this course. Students will compose various types of writing to demonstrate an understanding of literature and writing form and conventions.

Why should your student take CCP English at Urbana High School?

Our CCP courses are designed not only to provide students with the opportunity to earn college credit, but also to provide them with the opportunity to hone essential skills for collegiate success. Our curriculum exposes students to college-level texts while providing the necessary support and scaffolding to improve their close reading skills and comprehension. Students will navigate academic search engines as they practice research skills related to real-world issues—all with live instructor support. We recognize the significance of college admission tests and the college application process, so we provide instruction and support related to the ACT and the college application process.

Finally, when students take CCP courses in-house, parents and UHS instructors can work together to support students as they begin their college journey. We welcome and encourage parental contact and support.

CCP English 1111

Course #022CCP

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 the writer's purpose, strategy, and style. **Students who apply, are accepted, and successfully complete CCP English 1111 will be awarded 3 credit hours for ENG 1111 through Clark State.**

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 workforce.

**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 \$275. 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 \$275. Students in marching band are committing to the 10 Friday night performances plus any play-off game performances.

**Music History (w/CCP Option) Course #715 Credit 1 Level 2
CCP Option Prerequisite: Students must attend CCP meetings, complete CCP intent form and meet Clark State enrollment requirements.**

Music 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 CCP Music History will be awarded 3 credit hours for MUS 1130 through Clark State.**

**Art I Course #721 Credit 1 Level 1
Fee \$20.00**

Art I is the first step in a sequential group 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. Students work in various media including, pencil, tempera, watercolor, colored pencil, charcoal, and collage. Students will take notes once a week on a contemporary artist.

**Art II Course #722 Credit 1 Level 1
Fee \$20.00 Prerequisite: Art I and written permission from instructor**

Art II students will demonstrate successful work in various drawing and painting projects. Major areas of study include watercolor painting, perspective drawing, and portraiture. Students will take notes once a week on a contemporary artist.

Spanish Courses

Spanish is the official language of 21 countries around the world and each has a diverse culture and history to share. These courses are designed to guide students through the fundamentals of the language and cultures of these countries to produce individuals who are aware and respectful of the world outside of their own. Students who complete all four levels will be at the intermediate mid proficiency level and prepared for college level courses. Students will also have the opportunity to travel abroad (ex. Costa Rica) at least once during their high school career to practice their language skills and experience the culture first hand.

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

This course is an introduction to the fundamentals of the Spanish language including pronunciation, basic vocabulary, grammar and culture. It will focus on the interpersonal, interpretive and presentational language skills of listening, speaking, reading and writing. Students will become familiar with the cultural traditions, customs, histories and events in Hispanic countries through videos, readings, food and music. Students will learn to create basic sentences and stories as well as answer questions in written and oral form in the present tense. Daily practice and homework should be expected. At the end of this course, students will meet the novice mid level of proficiency in the language.

Spanish II	Course #312	Credit 1	Level 2
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Prerequisite: C or better in Spanish I

This course continues to build upon the fundamental vocabulary and grammar of the Spanish language. This level focuses on adding the past tense in Spanish to deepen the interpersonal, interpretive and presentational skills within the language. Students will read short novels to strengthen cultural knowledge and language comprehension. Music, videos and food will continue to be a part of the cultural experience. Student created projects and stories will be a source of assessment. Daily practice and homework should be expected. Students who complete level 2 will meet the novice high level of proficiency and will be eligible to travel abroad.

Spanish III	Course #313	Credit 1	Level 2
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Prerequisite: C or better in Spanish II

In this course, students will continue to work on fluency in the interpersonal, interpretive and presentational modes of communication. Students will interpret and discuss short novels, videos, a telenovela (tv show) and music from different countries to strengthen their cultural awareness. Grammar understanding will grow with the addition of the future, subjunctive, present perfect and command verb forms. Vocabulary building will continue to increase proficiency. Students who complete level 3 will meet the intermediate low level of proficiency and will be eligible to travel abroad.

Spanish IV	Course #314	Credit 1	Level 3
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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 honing their ability to use the target language in appropriate context. An emphasis will be placed on interpersonal and presentational skills to prepare for the college level. Students will interpret and discuss authentic short stories, music and a telenovela (TV show) from various countries. A deeper dive into the culture of Spain and Mexico (in alternating years) will be the focus for second semester. Students who complete level 4 will meet the intermediate mid level of proficiency and will be eligible to travel abroad.

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 elective course, students will explore the principles of nutrition and wellness over the lifespan. This course helps students understand how food choices affect health and well-being. The goal is to encourage individuals to make informed decisions that produces a healthy and fulfilling life. The class covers topics such as the digestive and urinary systems, nutrients and their benefits, three keys to a healthy diet, how and why to implement daily physical activity, other total health factors, and Eriksson's eight stages of development so we can see how nutrition and wellness will impact our health at each stage.

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 (expected in 2027) **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 (expected in 2026) **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

Level 1

Algebra IA 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 IA/IB 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

Level 1

Prerequisites: Algebra IA

Algebra IB is the second course in a two-part study of algebra. The concepts covered in Algebra IA 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-world problems. Algebra IA/IB 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 & proficient score of a

700 or better on their 8th grade state math test

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.

Pre-Calculus (w/CCP option)**Course #213/213CCP Credit 1****Level 3****Prerequisite: Honors 3.0 GPA and a B or higher in Algebra 2**

CCP Option Prerequisite: Students must attend CCP meeting, complete CCP intent form and meet Edison State Community College enrollment requirements.

Survey of polynomial, rational, radical, exponential, logarithmic, trigonometric, and inverse trigonometric functions and their graphs, with associated algebraic techniques. Topics also include a systems of equations, inequalities, elementary matrices, basic trigonometric ratios, trigonometric identities and equations and vectors. **Students who apply, are accepted, and successfully complete CCP Pre-Calculus will be awarded 5 credit hours for MTH-128 through Edison State Community College.**

Calculus (w/ CCP option)**Course #215/215CCP Credit 1****Level 3****Prerequisite: Precalculus with a C or higher**

CCP Option Prerequisite: Students must attend CCP meeting, complete CCP intent form and meet Edison State Community College enrollment requirements.

Introduction to differential and integral calculus. Includes differentiation and integration of algebraic and transcendental functions with applications to science and engineering.

Students who apply, are accepted, and successfully complete CCP Calculus/Analytical Geometry I will be awarded 5 credit hours for MTH-221 through Edison State Community College.

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.

MEDIA/TECHNOLOGY/MARKETING & BUSINESS DEPARTMENT**Computer Applications****Course #234****Credit 0.5****Level 1**

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

trends impacting business, and examine risks threatening organizational success. Ethical challenges, project management and strategic planning will also be addressed.

Marketing Applications
Fee \$7.00

Course#631

Credit 1

Level 1
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
Fee \$7.00

Course#632

Credit 1

Level 1
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 demonstrate 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
Fee: \$10.00

Course #404

Credit 1

Level 1

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

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

Location: Urbana High School

*The following courses are offered as satellite classes at Urbana High School. Students must have their own 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 from woodworking to welding basics 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 **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. As Intro to Design & Development is a prerequisite, student will continue to enhance their woodworking & welding skills. 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)
(Expected in 2025-26)**

Course #HP U342 Credit 1 Level 1
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 may earn college credit.