

2020-2021
Course Registration Guide



Grades 9 -12

HOME OF THE YELLOWJACKETS

Dear Parent or Guardian,

It's time for students to make course selections for their next year at Taylor High School. This booklet contains information that will assist in making appropriate course requests. Parents and students should thoroughly review the contents of this booklet together prior to making course selections and completing the registration form. Please remember to consider each student's unique college and career goals, as well as their interests, past grades, prerequisites for courses, and graduation requirements as you make your choices.

Our schedule for course registration will begin this January during advisory sessions. During the month of January, counselors, administrators, and teachers will meet with each class to review this guidebook, discuss credits and graduation requirements, and distribute course registration forms. **March 3, 2020 will be our Course Selection day**, when students will have teachers sign off on course requests. This year we will be holding our 4th Annual **Scheduling Fair on March 18, 2020** where all parents will meet one on one with their child's advisor to discuss their schedule and sign off on it. Our goal is to have 100% of parents and guardians attend this evening.

Some things to note and consider, each full-time student grades 9-12 will be required to enroll in at least 6 daily scheduled classes. Seniors who have met graduation credit requirements may take advantage of our early release/early completion program which would allow students to leave school early. Any student in grades 9-12 deemed at risk or credit deficient could be assigned credit recovery virtual school.

Our mission at Taylor High School is to continue to offer, in cooperation with the home and community, academic, social, co-curricular, and extracurricular experiences through which students may develop their intellectual and creative abilities, interpersonal skills, and physical well-being in pursuit of becoming successful and responsible members of society. Our programs encourage our students to achieve the following:

- develop problem-solving, critical-thinking, technical, and communication skills
- build a solid academic foundation
- study, appreciate and respect diverse peoples, ideas, and cultures of the past and present.
- growth of social consciousness through community service opportunities
- understand the value of hard work and the responsibility of continued personal growth
- be prepared to embrace the challenges of life, strengthened with self-respect and self-esteem
- set reasonable goals, work to attain them and accept the consequences of their actions.

All of us at Taylor are committed to providing a school environment that encourages the scholastic achievement and personal development of every student. As you select the most appropriate courses for your student, we encourage you to contact counselors, teachers, or administrators with any questions or needs for additional information.

Sincerely,

Mark Smiley

Mark Smiley
Principal
Taylor High School

It is the policy of the Three Rivers Local School District that educational activities, employment programs and services be offered without regard to race, sex, color, national origin, religion, handicap or age. The Title IX compliance officer can be reached at 941-6400.

GRADUATION REQUIREMENTS

Students must meet both testing requirements and curriculum requirements in order to earn a diploma. Taylor High School students shall meet the minimum graduation requirements shown below, except in cases where an Individualized Education Program (I.E.P.) specifies or allows otherwise.

To participate in commencement exercises, each student must have met *all* graduation requirements.

| Courses | Credits Needed to Graduate Class of 2021 and beyond |
|---|--|
| English | 4 |
| Health | ½ |
| Mathematics ¹ | 4 |
| Physical Education ² | ½ |
| Science ³ | 3 |
| Social Studies ⁴ | 3 |
| Electives ⁵ | 5 |
| Fine Arts | 1 |
| Economics & Financial Literacy ⁶ | |
| TOTAL | 21 |

1. Mathematics units must include 1 unit of algebra II or the equivalent of algebra II.
2. Per BOE and Ohio Core policy, students who participate in interscholastic athletics, band or cheerleading for two full seasons during grades 9-12 are exempted from the physical education requirement. Students must take another course of at least 60 contact hours in its place.
3. Science units must include 1 unit of physical sciences, 1 unit of life sciences and 1 unit of advanced study in one or more of the following sciences: chemistry, physics, or other physical science; advanced biology or other life science; astronomy, physical geology, or other earth or space science.
4. Social studies units must include 1 unit of American History, ½ unit of American Government, and ½ unit of World History.
5. Electives units must include one or any combination of foreign language, fine arts, business, career-technical education, family and consumer sciences, technology, agricultural education or English language arts, mathematics, science or social studies courses not otherwise required.
6. Students must receive instruction in economics and financial literacy during grades 9-12.

In grades 9 through 12, courses that earn High School Credit are individually passed or failed. For a full credit class, a student must obtain a minimum of six (6) quality points and receive passing grades in two of the following: 3rd quarter, 4th quarter, and 2nd semester exam. To be awarded ¼ or ½ credit for a semester course, a student must obtain a minimum of three (3) quality points *and* receive passing grades in two of the three reported grades (2 quarters; 1 exam). Quality points are explained in detail/on pages 6-8 “Grade Point Average”.

A **special education student** on an individualized education program who would otherwise be eligible to graduate, but whose I.E.P. specifies continuation of educational services, may elect to participate in commencement exercises with his/her high school peer class. In this situation, the student will not receive a diploma and will not be considered to have graduated until at least one of the following conditions is met: 1) the long-range I.E.P. goals as determined by the I.E.P. team are achieved; 2) the student reaches his/her twenty-second (22nd) birthday; 3) the student is no longer enrolled in school; or 4) the student is no longer under an I.E.P. A student may not participate as a graduate in more than one commencement exercise.

Graduation Requirements

Class of 2021 & 2022

1. Meet Academic Credit Requirements
2. Show Competency by earning at least 18 points on End of Course Testing OR Industry Credential/WorkKeys OR College Readiness Score on ACT. **If these are not met, students must complete the Alternate Pathway**

- **Earn 21 Academic Credits**
- **Show Competency**

Earn at least 18 points on seven end-of-course state tests.

End-of-course tests: Algebra, Geometry, ELA 1, ELA 2, American History, Government, Biology

Students can earn 1-5 points on each test. Students must have a minimum of four points in Math, four points in English and six points across Science and Social Studies.

OR

Industry credential and workforce readiness

Earn a minimum of 12 points by receiving a State Board of Education-approved, industry-recognized credential or group of credentials in a single career field and earn the required score on WorkKeys, a work-readiness test. The state of Ohio will pay one time for a student to take the WorkKeys test.

OR

College and career readiness tests

Earn remediation-free scores in Mathematics and English language arts on either the ACT or SAT. The Ohio Department of Higher Education works with Ohio's universities to set the remediation-free scores for the ACT and SAT tests. Periodically, for a variety of reasons, these scores may be adjusted. For all high school juniors, the remediation-free scores set by Feb. 1 of their junior year will be used to meet their graduation requirement. The most up-to-date information regarding remediation-free scores can be found on the Department's graduation requirements webpage.

If a student does not meet these requirements, there is an alternative pathway that include multiple options.

Alternate Pathway if 1 of the 3 Testing Requirements from above are NOT Met

1- Earn at least a 3 on the English 2 & Algebra 1 tests. Students who do not pass the test will be offered additional support and must retake the test at least once.

2- Complete one of three options provided by the state:

Option 1- Demonstrate Two Career-Focused Activities

- At least one must be from the foundational list

Foundational

Proficient scores on WebXams

-Offered through Taylor High School's Teaching Professions or Business Professions programs

-Offered through select labs through Great Oaks

A 12-point industry credential

- Offered through Taylor High School's Electrician Program

- Offered through select labs through Great Oaks

A pre-apprenticeship or acceptance into an approved apprenticeship program

Supporting

Work-based learning

Earn the required score on WorkKeys

Earn the [OhioMeansJobs Readiness Seal](#)

Option 2- Enlist in the Military

Show evidence that you have signed a contract to enter a branch of the U.S. armed services upon graduation.

Option 3- Complete College Coursework

Earn credit for one college-level math and/ or college-level English course through Ohio's free College Credit Plus program.

3- Show readiness by earning two diploma seals

Earn two of the following diploma seals, choosing those that line up with your goals and interests. **At least one of the two must be Ohio-designed:

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

All students in the class of 2021 & 2022 are recommended & encouraged to obtain Diploma Seals

[Class of 2021 & 2022 Graduation Requirements as Defined by the Ohio Department of Education](#)

Or visit

<http://education.ohio.gov/getattachment/Topics/Ohio-s-Graduation-Requirements/Earning-an-Ohio-High-School-Diploma-for-the-C1-2/GradReq2021.pdf.aspx?lang=en-US>

Graduation Requirements

Class of 2023

1. Earn 21 Academic Credits as outlined below
2. Earn at least a score of 3 on the English 2 & Algebra 1 End of Course Tests OR Complete the Alternate Pathway
3. Earn at least 2 diploma seals, one of which must be Ohio State Seal.

1. Earn 21 Academic Credits

2. End of Course Testing

Earn at least a 3 on the English 2 & Algebra 1 End of course tests. End of Course tests are given to all 9th and 10th grade students in the Spring. Students are given multiple opportunities to pass the test.

If a student does not meet these requirements, there is an alternative pathway that include multiple options.

Alternate Pathway if testing points are NOT Met

- Student must attempt the English 2 & Algebra 1 test at least twice.
- Complete one of three options provided by the state

Option 1- Demonstrate Two Career-Focused Activities

- At least one must be from the foundational list

Foundational

Proficient scores on WebXams

A 12-point industry credential

A pre-apprenticeship or acceptance into an approved apprenticeship program

Supporting

Work-based learning

Earn the required score on WorkKeys

Earn the [OhioMeansJobs Readiness Seal](#)

Option 2- Enlist in the Military

Show evidence that you have signed a contract to enter a branch of the U.S. armed services upon graduation.

Option 3- Complete College Coursework

Earn credit for one college-level math and/ or college-level English course through Ohio's free College Credit Plus program.

3. Earn at least 2 diploma seals, 1 of which must be Ohio State Seal

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

[Class of 2023 Graduation Requirements Defined by the Ohio Department of Education](#)

<http://education.ohio.gov/getattachment/Topics/Ohio-s-Graduation-Requirements/Sections/Classes-of-2023-and-Beyond-Graduation-Requirements/GradReq2023.pdf.aspx?lang=en-US>

**Insert State of
Ohio Honors
Diploma**

PRESIDENT'S AWARD FOR EDUCATIONAL EXCELLENCE CRITERIA

The purpose of this award is to recognize academic success in the classroom. To be eligible for the President's Award for Educational Excellence, students must meet the requirements in Category A *and* either 1 or 2 of Category B.

- A. **Grade Point Average:** Students are to earn a grade point average of 90 on a 100 point scale, (an A on a letter scale or a 3.5 on a 4.0 scale). When computing grade point averages at the respective award level, only the years at that level are to be included through the fall semester of the exiting grade. Note: Elementary schools are not to include K-3 in their computations.
- B. **In addition to A,** schools are to include one or more of the following criteria to determine their selected students:
1. State Tests and Nationally-Normed Achievement Tests: High achievement in reading or math on state tests or nationally-normed tests. The school may consider college admissions examinations for seniors, for example the SAT or ACT.

— OR —

2. Recommendations from a Teacher Plus One Other Staff Member: One recommendation is to reflect outstanding achievement such as English, mathematics, science, history, geography, art, foreign language, and any other courses that reflect a school's core curriculum. This judgment is to be supported by tangible evidence that is comprised of either result on teacher-made tests, portfolio assessment, or special projects. The second recommendation from a school staff member may address, for example: involvement in community service or co-curricular activities including tutoring other students and/or demonstration of creativity and achievement in the visual and performing arts. The school principal has final authority to determine which students receive this award.

COLLEGE ADMISSION RECOMMENDATIONS

Admission requirements at colleges and technical schools are as different as the students who attend them. Students should check the requirements specified in individual school catalogs to find out exactly which high school subjects are required for admission to the institution of choice.

In general, colleges have the following recommendations. These are a guide, as a student may be admitted on a "conditional basis" if he/she has not completed all of these recommended credits.

| | |
|--|--------------------------------|
| English (C.P. level recommended) | 4 credits |
| Social Studies | 3 credits |
| Mathematics (Algebra I, Algebra II, Geometry, or higher) | 3-4 credits |
| Science (Biology, Chemistry, or higher) | 3-4 credits |
| Foreign Language (Required by many colleges) | 2-4 credits |
| Physical Education | 1/2 credit (two semesters) |
| Health | 1/2 credit (one semester) |
| Fine Arts | 1 credit |
| Electives | Varies by college and/or major |

Your counselor can give you help acquiring information. Ask for assistance if needed.

Check before it's too late.

GRADES/GRADE REPORTING/EXAMS

For courses that earn credit, a grade will be issued at the end of each grading period or quarter. Report cards are issued after each of the four grading periods. The following is a list of possible marks that signify a passing grade: A, A-, B+, B, B-, C+, C, C-, D+, D, D-. Other marks include: F (Failure); E (Enrolled); W (Withdrawn); W/F (Withdrawn/Failure); I (Incomplete).

At the end of each semester an exam will be administered in each course. A semester average is then calculated by having each quarter grade count 40% toward the semester average and the exam grade count 20%. Semester grades are used in determining GPA, class rank and are recorded on a student's official transcript.

HONOR ROLL

At the close of each grading period, a three-level honor roll will be determined based on the student's quarterly grades. Only students enrolled in and earning grading marks in a **minimum of 5 courses** are considered for honor roll. Students achieving a 4.0 average for the grading period receive "Highest Honors"; students earning a 3.500 to 3.999 average will be designated as "High Honors"; students who average 3.000 to 3.499 achieve "Honors" status. If a student receives a quarterly grade of F for any course, the student is ineligible for honor roll regardless of grade point average. All courses taken by a student will be computed (unweighted) to determine grade point average and honor roll status. Names of students qualifying for honor rolls will be posted in the school and provided to the local newspapers. Academic awards are given annually at the Awards Ceremony to students who receive "High Honors" or "Highest Honors" for the first three quarters of the school year.

GRADING/HOMEWORK PHILOSOPHY

At Taylor High School, we believe grading is a system of measuring and recording student progress and achievement which enables students, parents, and teachers to assess strengths and weaknesses, plan for college and career readiness for students in the areas of the greatest potential for success, and know where remedial work is required

Taylor High School recognizes that a system of grading student achievement can help students, teachers, and parents to better assess progress toward personal educational goals and assist the students in implementing that progress.

Grades 9-12 Students may be assigned homework based on the level of courses taken. AP and honors courses may expect 5-7 nights of homework per week; College Prep courses may expect 4-7 nights of homework; and general courses may expect 2-4 nights of homework.

The amount of time a student actually spends on homework varies according to the abilities of the student and with the student's class schedule. Make-up work from an absence may also cause these times to increase.

COUNSELORS 9-12

Counselors are available to assist with selecting courses, planning schedules, career exploration, college entrance tests, college and job applications, selecting a college, and post-secondary enrollment options. Counseling services are available throughout the school day.

Students are assigned to a counselor alphabetically.

Mrs. Heckman

A-K

Mrs. Ryan

L-Z

TESTING REQUIREMENTS

| 9 th Grade | 10 th Grade | 11 th Grade | 12 th Grade |
|-----------------------|------------------------|------------------------|------------------------|
| Semester Exams | Semester Exams | Semester Exams | Semester Exams |
| AIR End of Year Exams | AIR End of Year Exams | AIR End of Year Exams | AIR End of Year Exams |
| Pre-ACT | Pre-ACT | PSAT/NMSQT | AP Exams |
| | | ACT/Practice ACT | |
| | | AP Exams | |

Semester Exams – In grades 7-12, Semester Exams will be given at the end of each semester for any course that earns H.S. Credit.

PSAT/NMSQT – This test is a practice for the SAT in Reading, Math and Writing and allows students to have a greater awareness of academic strengths and weaknesses. It is also an opportunity to possibly qualify for the National Merit Scholarship.

PRE-ACT – Pre-ACT gives students an estimated ACT test score and can be used as an indicator of college and career readiness.

ACT – Is a college entrance test that includes questions in English, Reading, Math, and Science. Writing is an optional component. The score from this test is used as one criterion for college acceptance and scholarship. The maximum score is 36.

SAT – Is a college entrance test that includes questions in Reading, Math, and Writing. The core from this test is used as one criterion for college acceptance and scholarship. The maximum score is 2400.

AP Exams – Exams taken at the end of an Advanced Placement course. With the appropriate test score, many colleges will award college credit for the course. Taylor High School offers a broad range of AP courses in which AP tests will be taken.

AIR (EOY) Exams – State tests in specific courses required for graduation. Tests are completed in April/May or December for 1st Semester courses.

*****Information is based on current passed Ohio Legislation. Test requirements are subject to change based on state decisions.**

SCHEDULE CHANGES

Preparing the master schedule and individual schedules is a very important and involved process. Parents and their student should devote adequate thought and planning to course selections prior to submitting course requests. After the course selection sheet has been turned in and entered into the computer, it will be considered a final schedule request.

A student may make a schedule change only under one of the following circumstances:

- 1) **Administrative error**
- 2) **Academic level change that is found to be in the best interest of the student** (teacher/counselor recommendation)
- 3) **Dropping a study hall**

Students in grades 9 – 12 must maintain enrollment in six (6) courses. If a course is dropped before Sept. 1st (Jan. 26th – 2nd semester), students will receive a “W” on their report card and transcript. If the course is dropped after Sept. 1st (Jan. 26th – 2nd semester), a “W/F” (withdrawn/failure) will show on their report card and transcript as well as reflect in their GPA. If a student wishes to add a course in place of a study hall, he/she must notify his/her counselor prior to the first day of school. Any exceptions must receive administrative approval.

Students are responsible for all course fees once final course selections have been entered unless a change is made due to administrative error or academic level change as listed above.

Making good decisions about course selections is critical for students to consistently progress toward graduation. Our counselors, teachers and administrators are all available to provide any information and guidance during the course selection process to help ensure that the best possible scheduling decisions are made.

TOTAL QUALITY POINTS TO PASS A COURSE

In grades 9 through 12, courses that earn High School Credit are individually passed or failed. For a full credit class, a student must obtain a minimum of six (6) quality points and receive passing grades in two of the following: 3rd quarter, 4th quarter, and 2nd semester exam. To be awarded $\frac{1}{4}$ or $\frac{1}{2}$ credit for a semester course, a student must obtain a minimum of three (3) quality points *and* receive passing grades in two of the three reported grades (2 quarters; 1 exam). Quarter grades are doubled, and semester grades counted as one.

| Numerical Grade | Letter Grade | Non-Weighted Value |
|-----------------|--------------|--------------------|
| 93.0 - 100 | A | 4.0 |
| 90.0 - 92.9 | A- | 3.7 |
| 87.0 - 89.9 | B+ | 3.3 |
| 83.0 - 86.9 | B | 3.0 |
| 80.0 - 82.9 | B- | 2.7 |
| 77.0 - 79.9 | C+ | 2.3 |
| 73.0 - 76.9 | C | 2.0 |
| 70.0 - 72.9 | C- | 1.7 |
| 67.0 - 69.9 | D+ | 1.3 |
| 63.0 - 66.9 | D | 1.0 |
| 60.0 - 62.9 | D- | 0.7 |
| 0.00-59.9 | F | 0 |

GRADE POINT AVERAGE

Grade point average (GPA) and class rank are important measures of a student's academic level and achievement in high school. The GPA will be calculated through both non-weighted and weighted methods. The non-weighted GPA will be used to determine honor roll. The weighted GPA will be used to determine class rank and the valedictorian and salutatorian for each graduating class of Taylor High School.

Computation of both non-weighted and weighted GPA's is based on semester averages for all courses taken for credit. Non-weighted GPA is defined as total quality points divided by total credits attempted. Quality points are calculated by multiplying the numerical value of a grade by the amount of credit attempted in one semester. For semester courses, this is the credit indicated in this Registration Guide. For full-year courses, one-half of the total credit is earned each semester. Both non-weighted and weighted GPA will be calculated and reported to three decimal places.

Non-Weighted GPA

Non-weighted numerical values for grades are:

| Numerical Grade | Letter Grade | Non-Weighted Value |
|-----------------|--------------|--------------------|
| 93.0 - 100 | A | 4.0 |
| 90.0 - 92.9 | A- | 3.7 |
| 87.0 - 89.9 | B+ | 3.3 |
| 83.0 - 86.9 | B | 3.0 |
| 80.0 - 82.9 | B- | 2.7 |
| 77.0 - 79.9 | C+ | 2.3 |
| 73.0 - 76.9 | C | 2.0 |
| 70.0 - 72.9 | C- | 1.7 |
| 67.0 - 69.9 | D+ | 1.3 |
| 63.0 - 66.9 | D | 1.0 |
| 60.0 - 62.9 | D- | 0.7 |
| 0.00-59.9 | F | 0 |

The following is an example of a non-weighted calculation for one semester:

| <u>Course</u> | <u>Semester Grade</u> | <u>Numerical Value</u> | <u>Credit Attempted</u> | <u>Quality Points</u> |
|---------------|-----------------------|------------------------|-------------------------|-----------------------|
| English 10 | A- | 3.7 | ½ | 1.85 |
| Geometry | B- | 2.7 | ½ | 1.35 |
| Gov. CP | A | 4.0 | ½ | 2.00 |
| Biology | C+ | 2.3 | ½ | 1.15 |
| Spanish II | B+ | 3.3 | ½ | 1.65 |
| P.E. | A | 4 | ¼ | 1.00 |
| TOTALS | | | 2.75 | 9.00 |

For the courses in the example above:

Quality Points = Numerical Value of Semester Grade x Credit Attempted

Non-weighted GPA = Total Quality Points divided by Total Credits Attempted

Non-weighted GPA = 9.00/2.75 (9.00 divided by 2.75) = 3.273

Weighted GPA

Weighted GPA is calculated by dividing total quality points by total credits attempted. However, weighted GPA uses the 4-level system of quality points summarized below.

| Numerical Grade | Letter Grade | Non-Weighted Value | Weighted College Prep (Level 2) | Weighted Honors (Level 3) | Weighted Adv. Place. (Level 4) | Semester Avg. /Final Avg. Range |
|------------------------|---------------------|---------------------------|--|----------------------------------|---------------------------------------|--|
| 93.0 - 100 | A | 4.0 | 4.5 | 4.75 | 5.0 | 3.88-4.0 |
| 90.0 - 92.9 | A- | 3.7 | 4.2 | 4.45 | 4.7 | 3.54-3.87 |
| 87.0 - 89.9 | B+ | 3.3 | 3.8 | 4.05 | 4.3 | 3.18-3.53 |
| 83.0 - 86.9 | B | 3.0 | 3.5 | 3.75 | 4.0 | 2.88-3.17 |
| 80.0 - 82.9 | B- | 2.7 | 3.2 | 3.45 | 3.7 | 2.54-2.87 |
| 77.0 - 79.9 | C+ | 2.3 | 2.8 | 3.05 | 3.3 | 2.18-2.53 |
| 73.0 - 76.9 | C | 2.0 | 2.5 | 2.75 | 3.0 | 1.88-2.17 |
| 70.0 - 72.9 | C- | 1.7 | 2.2 | 2.45 | 2.7 | 1.54-1.87 |
| 67.0 - 69.9 | D+ | 1.3 | 1.8 | 2.05 | 2.3 | 1.18-1.53 |
| 63.0 - 66.9 | D | 1.0 | 1.5 | 1.75 | 2.0 | .88-1.17 |
| 60.0 - 62.9 | D- | 0.7 | 1.2 | 1.45 | 1.7 | .60-.87 |
| 0.00-59.9 | F | 0 | 0 | 0 | 0 | .00-.59 |

Weighted course levels for all Taylor High School Courses are listed on page 10 of this booklet.

SEVEN PERIOD ADD-ON

In addition to weighted quality points, students taking a full course schedule (seven courses in a semester with a passing grade) will receive a numerical add-on. The purpose of the add-on is to compensate for the mathematical lowering of a GPA that might result when a student takes 7 courses rather than 6 (with a study hall). *The add-on amount for each semester a student successfully completes more than six (6) courses is: .0125.* Consequently, a student may receive up to, but no more than, a .0250 add-on in a given school year. Students taking virtual school for a course not offered or due to a scheduling conflict are counted in the 7th period add-on.

Example of a weighted calculation for one semester, including use of seven-period add-on:

The following example schedule includes two Level 4 courses (AP Eng 11 and AP US Hist), one Level 3 course (Hon Pre-Cal), and four Level 2 courses (Chem, Span III, Art Hist, and, Music Theory)

| <u>Course</u> | <u>Semester Grade</u> | <u>Weighted Value</u> | <u>Credit Attempted</u> | <u>Quality Points</u> |
|---------------|-----------------------|-----------------------|-------------------------|-----------------------|
| AP Eng 11 | A- | 4.7 | ½ | 2.35 |
| AP US Hist | A | 5 | ½ | 2.50 |
| Hon Pre-cal | B- | 3.45 | ½ | 1.725 |
| Chemistry | A | 4.5 | ½ | 2.25 |
| Art Hist | A | 4.5 | ½ | 2.25 |
| Spanish III | B+ | 3.8 | ½ | 1.9 |
| Music Theory | B+ | 3.8 | ½ | 1.9 |
| TOTALS | | | 3.5 | 14.875 |

For the courses in the example above:

Quality Points = Weighted Value of Semester Grade x Credit Attempted
Weighted GPA = Total Quality Points divided by Total Credit Attempted

$$\text{Weighted GPA} = 14.875/3.5 \text{ (14.875 divided by 3.5)} = 4.250$$

$$\text{Add-on} = 0.0125$$

$$\text{Adjusted Weighted GPA (with add-on)} = 4.250 + 0.0125 = 4.263$$

Who does or does not qualify for the seven-period add-on?

The seven-period add-on applies to any student taking seven classes with passing grades for credit during a given semester. The following guidelines will help clarify who will and who will not receive an addition.

- (1) Students taking a full schedule of classes during the regular 7-period school day *will* qualify for the seven-period add-on.
- (2) Students enrolled in six courses that includes AP Biology *will* receive the seven-period add-on because of the double-period scheduling (lab component) for this course.
- (3) Support and Transitions NC *does not* count towards the seven-period add-on.
- (4) Virtual courses *do not* count towards the seven-period add-on unless the course has been completed and reported by the end of the semester.
- (5) Students taking six courses *and* Flex Credit outside of school hours *will* qualify for the add-on according to the amount of Flex Credit awarded.
- (6) Students taking CCP courses *will* qualify for the seven-period if they take an equivalent of 7 HS credits. Each CCP course will count as 2 credits for 7C add-on eligibility
- (7) Early Release/Early Completion students *do not* qualify for the seven-period add on.

HONORS PROGRAM

Taylor High School offers an honors track program that allows the students who desire an academically rigorous program to excel at Taylor. Students who are in College Prep level classes can begin to take Honors level classes in grade 9. From there, students can explore options in our Advanced Placement and College Credit Plus class options.

ADVANCED PLACEMENT PROGRAM

Criteria for Eligibility and Selection

Selection of advanced placement students is made using as many indicators as possible. The following considerations will be given the highest priority:

1. High GPA, plus a solid background of academic courses
2. Commitment to the amount of work these COLLEGE-LEVEL courses demand, both in terms of reading/study time and homework
3. High performance on PSAT and other standardized tests
4. High performance in college-prep English, History, Biology, Chemistry (for AP biology), and Pre-Calculus courses
5. Record of good attendance (excessive absence will affect Advanced Placement standing)
6. Teacher recommendations showing evidence of maturity in attitude and behavior
7. Placements tests including essays and multiple-choice questions
8. Other indicators may be explored in cases where further evidence for eligibility is necessary (e.g. achievement tests; student interview)

****Students taking AP Courses must take the AP Exam associated with the course in May and will be responsible for the AP Exam Fee. AP Exam fees are approx. \$94 per exam, but may change year to year based on the College Board's decision****

CREDIT FLEXIBILITY

(An excerpt from Board Policy IGBM and IGBM-R)

The Board of Education recognizes that an effective educational program is one that provides students opportunities to customize aspects of their learning around their respective needs and interests. Credit flexibility is one method to motivate and increase student learning by allowing access to more resources, customization around individual student needs and the use of multiple measures of learning.

Credit flexibility shifts the focus from “seat time” to performance. Students can earn units of high school credit based on an individually developed and school approved credit flexibility plan. The intent of credit flexibility is to meet increased expectations for high school graduation in response to globalization, technology, and demographics, and to meet the demand for 21st century skills.

Students can earn high school credit by:

1. Completing coursework;
2. Testing out or showing mastery of course content;
3. Pursuing an educational option and/or an individually approved option; and/or
4. Any combination of the above.

COLLEGE CREDIT PLUS

College Credit Plus is a program in which eligible students can take a course and earn both high school and college credit that appears on both their transcripts. CCP replaces the former Post-Secondary Education Option and Dual Credit Courses. Students may take courses online, at a college campus, or in the high school setting. At Taylor HS, we have partnerships with Cincinnati State for CCP courses. For more information on these programs and the options for our students to earn college credits in high school please contact your counselor.

VIRTUAL SCHOOL

Taylor's virtual school program offers students a different classroom environment, credit recovery opportunities, and additional educational options for courses not traditionally offered. Our virtual school is located at CT Young. Students taking single classes have the opportunity to take that course in the building in study hall. To sign up for virtual school, see your counselor.

Virtual School courses already offered at THS (English, math, history, science etc.) may only be taken as credit recovery classes.

****Virtual Courses may not be considered a NCAA core course**

GREAT OAKS PROGRAMS

Students at Taylor High School will be eligible to attend classes in one of the career development campuses of the Great Oaks Institute of Technology and Career Development. These campuses are an extension of the curriculum of our school. Students who elect to attend will graduate from Taylor Secondary School and will also be eligible for athletics and other extracurricular activities upon return to school each day.

The course offerings at the career development campus are designed to develop the aptitude and skills of students for job entry into the world of work immediately upon graduation from high school. However, attendance will not disqualify students from entering college and pursuing a degree there.

Students who would like to attend the career development campus are expected to complete the following in the 9th and 10th grades: 2 units of English, 2 units of mathematics, 2 units of science, ½ unit of health and ½ unit of physical education, 2 units of social studies and 1 fine arts elective; a total of 10 units.

All programs at the career campus offer seven (7) units of high school credit per year upon their successful completion. Most programs run for two consecutive years and are offered to juniors and seniors. Students that attend Great Oaks will continue to take courses that meet Taylor High School graduation requirements.

Students interested in any of the programs should discuss the requirements with their counselor.

Students who choose the option of attending one of the Great Oaks Campuses must also understand that they are committed to their choice for the school year.

For more information on Great Oaks programming, go to www.greatoaks.com

SUGGESTED SCHEDULING PATHWAYS

The following information is a guide to assist students and parents in creating a high school plan that matches future goals, academic ability and individual student's needs.

Note: Please understand there may be various options to pursue a specific pathway. Your student should work with the school counselor to determine the best plan available for his or her academic pathway.

General Level Academic Track

English - 4 credits

9th- English 9 General
10th- English 10 General
11th- English 11 General
12th- English 12 General

Math- 4 credits

9th- Essentials of Algebra A
10th- Essentials of Algebra B
11th- Foundations of Algebra 2
12th- Essentials of Geometry

Social Studies- 3 credits (1 cr Am Hist, .5 cr Gov, .5 cr World Hist)

9th- World History General
10th- American History General
11th- Government General
12th- May choose to take elective for Local Seal

Science- 3 credits

9th- Physical Science General
10th- Biology General
11th- Environmental Science General

PE/Health - 1 credit

9th- PE 1, Health
10th- PE 2

- Students may qualify for a PE Waiver if they play 2 seasons of a THS sport in grades 9 - 12

Fine Art - 1 credit

May take 2 semesters or 1 full year of Fine Art in any grade 9 – 12

- Students attending Great Oaks must earn one credit of Fine Arts in grades 9 or 10

Electives- 5 credits

Total Credits- 21 credits

4 Year Plan, General

9th Grade

Class 1- English 9 General
Class 2- Essentials of Algebra A
Class 3- World History General
Class 4- Physical Science General
Class 5- PE 1/ Health
Class 6- Fine Art
Class 7- Study Hall or Elective _____

10th Grade

Class 1 - English 10 General
Class 2- Essentials of Algebra B
Class 3- American History General
Class 4- Biology General
Class 5- PE 2/ Elective _____
Class 6- Elective _____
Class 7- Study Hall or Elective _____

11th Grade

Class 1- English 11 General
Class 2- Foundations of Algebra 2
Class 3- Government General
Class 4- Environmental Science General
Class 5- Career Elective _____
Class 6- Elective _____
Class 7- Study Hall or Elective _____

12th Grade

Class 1- English 12 General
Class 2- Essentials of Geometry
Class 3- Career Elective _____
Class 4- Elective _____
Class 5- Elective _____
Class 6- Elective _____

College Prep Level Academic Track

English - 4 credits

9th- English 9 CP
10th- English 10 CP
11th- English 11 CP
12th- English 12 CP

Math- 4 credits

9th- Algebra 1 CP
10th- Algebra 2 CP
11th- Geometry CP
12th- Pre-Calculus CP or Statistics CP

Social Studies- 3 credits (1 cr Am Hist, .5 cr Gov, .5 cr World Hist)

9th- World History CP
10th- American History CP
11th- Government CP
12th- May choose to take elective for Local Seal or Honors Diploma

Science- 3 credits

9th- Physical Science CP
10th- Biology CP
11th- Environmental Science CP, Chemistry CP, Forensic Science CP, Anatomy and Physiology CP
12th- May choose to take an Advanced Science for Honors Diploma

PE/Health - 1 credit

9th- PE 1, Health
10th- PE 2

- Students may qualify for a PE Waiver if they play 2 seasons of a THS sport in grades 9 – 12

Fine Art - 1 credit

May take 2 semesters or one full year of Fine Art in any grade 9 - 12

- Students attending Great Oaks must earn one credit of Fine Arts in grades 9 or 10

Electives- 5 credits

Recommendation of 2 - 3 years of a Foreign Language

Total Credits- 21 credits

4 Year Plan, College Prep

9th Grade

Class 1- English 9 CP
Class 2- Algebra 1 CP
Class 3- World History CP
Class 4- Physical Science CP
Class 5- PE 1/ Health
Class 6- Fine Art
Class 7- Study Hall or Elective _____

10th Grade

Class 1 - English 10 CP
Class 2-Algebra 2 CP
Class 3- American History CP
Class 4- Biology CP
Class 5- PE 2/ Elective _____
Class 6- Elective (Foreign Language 1)
Class 7- Study Hall or Elective

11th Grade

Class 1- English 11 CP
Class 2- Geometry CP
Class 3- Government CP
Class 4- Science CP
Class 5- Elective (Foreign Language 2) _____
Class 6- Elective _____
Class 7- Study Hall or Elective _____

12th Grade

Class 1- English 12 CP
Class 2- Pre Cal CP or Stats CP
Class 3- Elective (Foreign Language 3) _____
Class 4- Elective _____
Class 5- Elective _____
Class 6- Elective _____

Honors Level Academic Track

English - 4 credits

9th- English 9 Honors
10th- English 10 Honors
11th- AP English 11 or CCP
12th- AP English 12 or CCP

Math- 4 credits

8th- Honors Algebra 1
9th- Honors Algebra 2
10th- Honors Geometry
11th- Honors Pre-Calculus
12th- Calculus AB, Honors or CCP Stats

Social Studies- 3 credits (1 cr Am Hist, .5 cr Gov, .5 cr World Hist)

9th- World History Honors
10th- American History Honors
11th- AP American History, AP Psychology
12th- AP Government

Science- 3 credits

9th- Physical Science Honors
10th- Biology Honors
11th- Chemistry Honors, Forensic Science Honors
12th- Physics Honors, A&P Honors, AP Environmental Science, CCP Biology, CCP A&P

PE/Health - 1 credit

9th- PE 1, Health
10th- PE 2

- Students may qualify for a PE Waiver if they play 2 seasons of a THS sport in grades 9 – 12

Fine Art - 1 credit

May take 2 semesters of Fine Art in any grade 9 - 12

- Students attending Great Oaks must earn one credit of Fine Arts in grades 9 or 10

Electives- 5 credits

Recommendation of 3- 4 years of Foreign Language

Total Credits- 21 credits

4 Year Plan, Honors

9th Grade

- Class 1- English 9 Honors
- Class 2- Honors Algebra 2
- Class 3- World History Honors
- Class 4- Physical Science Honors
- Class 5- PE 1/ Health
- Class 6- Fine Art
- Class 7- Study Hall or Elective (Foreign Language 1) _____

10th Grade

- Class 1 - English 10 Honors
- Class 2- Honors Geometry
- Class 3- American History Honors
- Class 4- Biology Honors
- Class 5- PE 2/Elective _____
- Class 6- Elective (Foreign Language 2) _____
- Class 7- Study Hall or Elective

11th Grade

- Class 1- AP English 11 or CCP
- Class 2- Honors Pre-Calculus
- Class 3- AP American History
- Class 4- Science Honors
- Class 5- Elective (Foreign Language 3) _____
- Class 6- Elective _____
- Class 7- Study Hall or Elective _____

12th Grade

- Class 1- AP English 12 or CCP
- Class 2- Calculus AB
- Class 3- Elective _____
- Class 4- Elective _____
- Class 5- Elective _____
- Class 6- Elective _____

Honors Math/Science Track 4 Year Plan

9th Grade

- Class 1- English 9 CP or Honors
- Class 2- Algebra 1 CP or Honors Algebra 2
- Class 3- World History CP or Honors
- Class 4- Physical Science CP or Honors
- Class 5- PE 1/ Health
- Class 6- Fine Art
- Class 7- Study Hall or Elective (Foreign Language 1) _____
 - Consider CCP

10th Grade

- Class 1 - English 10 CP or Honors
- Class 2- Algebra 2 CP or Honors Geometry
- Class 3- American History CP or Honors
- Class 4- Biology CP or Honors
- Class 5- PE 2/ Elective _____
- Class 6- Elective (Foreign Language 2)
- Class 7- Study Hall or Elective
 - Consider CCP

11th Grade

- Class 1- English 11 CP or AP English 11
- Class 2- Pre-Calculus CP or Honors Pre-Calculus
- Class 3- Government CP or Honors American History or AP Psychology
- Class 4- Science CP or Honors
- Class 5- Elective
- Class 6- Elective (Foreign Language 3) _____
- Class 7- Study Hall or Elective _____
 - Consider CCP

12th Grade

- Class 1- English 12 CP or AP English 12
- Class 2- Statistics CP or Honor Statistics
- Class 3- Calculus AB
- Class 4- Elective (Tech) _____
- Class 5- Elective _____
- Class 6- Elective _____
 - Consider CCP

Technology Track 4 Year Plan

9th Grade

- Class 1- English 9 CP or Honors
- Class 2- Algebra 1 CP or Honors Algebra 2
- Class 3- World History CP or Honors
- Class 4- Physical Science CP or Honors
- Class 5- PE 1/ Health
- Class 6- Fine Art/ IT 1050
- Class 7- Study Hall or Elective (Foreign Language 1) _____

10th Grade

- Class 1 - English 10 CP or Honors
- Class 2- Algebra 2 CP or Honors Geometry
- Class 3- American History CP or Honors
- Class 4- Biology CP or Honors
- Class 5- PE 2/ IT 1080 _____
- Class 6- Elective (Foreign Language 2)
- Class 7- Study Hall or Elective

11th Grade

- Class 1- English 11 CP or Honors
- Class 2- Pre-Calculus CP or Honors Pre-Calculus
- Class 3- Government CP
- Class 4- Science CP or Honors
- Class 5- IT 1040/ IT 2060
- Class 6- Elective (Foreign Language 3) _____
- Class 7- Study Hall or Elective _____

12th Grade

- Class 1- English 12 CP or Honors
- Class 2- Elective
- Class 3- Calculus AB or Statistics CP or Honors Statistic
- Class 4- IT 1081/ IT 1090
- Class 5- CCP English/ CCP Social Sciences
- Class 6- CCP Math

Education Track
4 Year Plan

9th Grade

- Class 1- English 9 CP or Honors
- Class 2- Algebra 1 CP or Honors Algebra 2
- Class 3- World History CP or Honors
- Class 4- Physical Science CP or Honors
- Class 5- PE 1/ Health
- Class 6- Fine Art
- Class 7- Study Hall or Elective (Foreign Language 1) _____

10th Grade

- Class 1 - English 10 CP or Honors
- Class 2- Algebra 2 CP or Honors Geometry
- Class 3- American History CP or Honors
- Class 4- Biology CP or Honors
- Class 5- PE 2/ Study Hall or Elective
- Class 6- Elective (Foreign Language 2)
- Class 7- Trending Issues in Education

11th Grade

- Class 1- English 11 CP or AP English 12
- Class 2- Pre-Calculus CP or Honors Pre-Calculus
- Class 3- Government CP
- Class 4- Science CP or Honors
- Class 5- Teaching Professions 1 & 2
- Class 6- Elective (Foreign Language 3) _____
- Class 7- Study Hall or Elective _____

12th Grade

- Class 1- English 12 CP or AP English 12
- Class 2- Statistics CP or Honors Statistics or Calculus AB
- Class 3- Teaching Profession 3
- Class 4- Teaching Profession Internship
- Class 5- Elective in Content Area that Student Wants to Teach (Science, English, Math, Social Studies, etc.)
- Class 6- AP Psychology

Business Track **4 Year Plan**

9th Grade

- Class 1- English 9 CP or Honors
- Class 2- Algebra 1 CP or Honors Algebra 2
- Class 3- World History CP or Honors
- Class 4- Physical Science CP or Honors
- Class 5- PE 1/ Health
- Class 6- Fine Art
- Class 7- Study Hall or Elective (Foreign Language 1) _____

10th Grade

- Class 1 - English 10 CP or Honors
- Class 2- Algebra 2 CP or Honors Geometry
- Class 3- American History CP or Honors
- Class 4- Biology CP or Honors
- Class 5- PE 2/ Study Hall or Elective
- Class 6- Elective (Foreign Language 2)
- Class 7- Intro to Business/Intro to Finance

11th Grade

- Class 1- English 11 CP or AP English 11
- Class 2- Pre-Calculus CP or Honors Pre-Calculus
- Class 3- Government CP
- Class 4- Science CP or Honors
- Class 5- Business 1
- Class 6- Elective (Foreign Language 3) _____
- Class 7- Study Hall or Elective _____

12th Grade

- Class 1- English 12 CP or Honors
- Class 2- Statistics CP or Honors Statistics or Calculus AB
- Class 3- Financial Accounting (Dual Credit CCP)
- Class 4- Business Internship
- Class 5- Public Speaking/ College 101
- Class 6- Elective

Fine Arts Track 4 Year Plan

9th Grade

Class 1- English 9 CP or Honors

Class 2- Algebra 1 CP or Honors Algebra 2

Class 3- World History CP or Honors

Class 4- Physical Science CP or Honors

Class 5- PE 1/ Health

Class 6- Art 1/ Art 2

Class 7- Study Hall or Elective (Foreign Language 1) _____

10th Grade

Class 1 - English 10 CP or Honors

Class 2- Algebra 2 CP or Honors Geometry

Class 3- American History CP or Honors

Class 4- Biology CP or Honors

Class 5- PE 2/ Study Hall or Elective

Class 6- Elective (Foreign Language 2)

Class 7- Ceramics 1/ Ceramics 2 or Painting/Sculpture

11th Grade

Class 1- English 11 CP or AP English 11

Class 2- Pre-Calculus CP or Honors Pre-Calculus

Class 3- Government CP

Class 4- Science CP or Honors

Class 5- Painting/Sculpture

Class 6- Elective (Foreign Language 3) _____

Class 7- Advanced Studio/Advanced Drawing and Painting or AP Art

12th Grade

Class 1- English 12 CP or AP English 12

Class 2- Statistics CP or Honors Statistics or Calculus AB

Class 3- AP Art (Design, Drawing, or Photography)

Class 4- College 101/Careers

Class 5- Internship through Credit Flex or Passion Project

Class 6- Internship through Credit Flex or Passion Project

TAYLOR HIGH SCHOOL COURSE LEVEL OFFERINGS

Level 1 Courses

Advanced P.E. Strength/Cond. & Sports
Algebra 1 EC A & B
Algebra 1* A & B
Algebra 2 EC
Algebra 2*
Algebra 2 Foundations 1
American History 1877-PRES
Art 1
Art 2
Band
Biology
Career & College Exploration
Community Awareness 1 & 2
Creative Writing

Design Basics
Digital Image Art
English 9, 10, 11, 12 EC
English 9*, 10*, 11*, 12*
Environmental Science
Essentials of Algebra 1A
Essentials of Algebra 1B
Essentials of Geometry
Food & Nutrition 1 & 2
Government
Guitar
Health
Jazz Ensemble
Living Skills 1 & 2

Math 4 EC
Math 4*
Men's Chorus
Occupational Education
Physical Education 1 & 2
Physical Science
Public Speaking
Senior Choir
RAFT
Women's Chorus
Work Study 1 & 2
World History

Level 2 Courses

Algebra 1 CP
Algebra 2 CP
American History 1877-Pres CP
Anatomy & Physiology
Aviation Mechanic Academy 101
Aviation Mechanic Academy 201
Band CP
Biology CP
Business Management Internship
Ceramics 1

Ceramics 2
Chemistry
College 101
English 9, 10, 11, 12 CP
Environmental Science CP
Forensic Science
French 1, 2, 3
Government CP
Intro to Business Foundations
Intro to Finance Foundations

Intro to Psychology CP
Physical Science CP
Physics
Pre-Calculus CP
Sculpture
Senior Choir CP
Spanish 1, 2, 3
Statistics
World History CP
US Literature through Film 1700-Present

Level 3 Courses

Advanced Studio
Advanced Drawing/Painting
Business Management 1
Computer Networking
Database Management I
English 9 Honors
English 10 Honors
Engineering Foundations
French 4
Fundamentals of Information Technology
Fundamentals of Web Development

Honors Algebra 2
Honors Anatomy & Physiology
Honors Band
Honors Biology
Honors Chemistry
Honors Environmental Science
Honors Forensic Science
Honors Music Theory
Honors Physical Science
Honors Physics
Honors Senior Choir

Honors World History 1750-Pres
Intro to Computer Programming
Passion Project
Spanish 4
System Administration
Teaching Professions Academy 1 & 2
Teaching Professions Academy Internship

Level 4 Courses

AP Calculus AB
AP Ceramics
AP Digital Photography
AP Drawing/AP Design
AP Environmental Science

AP Spanish Language
AP US History
AP US Government
English 11 AP (Language)
English 12 AP (Literature)

Anatomy & Physiology CCP
Biology CCP
Financial Accounting CCP
Pre-Calculus CCP
Statistics CCP

ENGLISH

| CODE | TITLE | FEE | GRADE | LENGTH | CREDIT | LEVEL | PREREQUISITE |
|------|---|----------------|----------|--------|-------------|-------|---|
| 1091 | English 9 EC | \$25 | 9 | 2 sem. | 1 HS Credit | 1 | Teacher Recommendation |
| 1099 | English 9* | \$13 | 9 | 2 sem. | 1 HS Credit | 1 | Teacher Recommendation |
| 1093 | English 9G# | \$13 | 9 | 2 sem. | 1 HS Credit | 1 | Teacher Recommendation |
| 1095 | English 9 CP | \$13 | 9 | 2 sem. | 1 HS Credit | 2 | Teacher Recommendation |
| 1097 | English 9 Honors | \$13 | 9 | 2 sem. | 1 HS Credit | 3 | Teacher Recommendation & Selection Criteria |
| 1101 | English 10 EC | \$25 | 10 | 2 sem. | 1 HS Credit | 1 | Teacher Recommendation |
| 1109 | English 10* | \$13 | 10 | 2 sem. | 1 HS credit | 1 | Teacher Recommendation |
| 1103 | English 10G# | \$13 | 10 | 2 sem. | 1 HS Credit | 1 | Teacher Recommendation |
| 1105 | English 10 CP | \$13 | 10 | 2 sem. | 1 HS Credit | 2 | English 9 or 9CP/ Teacher Recommendation |
| 1107 | English 10 Honors | \$13 | 10 | 2 sem. | 1 HS Credit | 3 | English 9CP or 9 Honors Selection Criteria |
| 1111 | English 11 EC | \$25 | 11 | 2 sem. | 1 HS Credit | 1 | Teacher Recommendation |
| 1119 | English 11* | \$13 | 11 | 2 sem. | 1 HS Credit | 1 | Teacher Recommendation |
| 1113 | English 11G# | \$13 | 11 | 2 sem. | 1 HS Credit | 1 | English 9 or 9CP & English 10, 10CP, or 10 Honors |
| 1115 | English 11 CP | \$13 | 11 | 2 sem. | 1 HS Credit | 2 | English 9 or 9CP & English 10, 10CP, or 10 Honors/ Teacher Recommendation |
| 1117 | AP English Language & Composition | \$13 + AP Test | 11 | 2 sem. | 1 HS Credit | 4 | English 9 or 9CP, English 10, 10CP, or 10 Honors, & AP Criteria |
| 1121 | English 12 EC | \$25 | 12 | 2 sem. | 1 HS Credit | 1 | Teacher Recommendation |
| 1129 | English 12* | \$13 | 12 | 2 sem. | 1 HS Credit | 1 | Teacher Recommendation |
| 1123 | English 12G# | \$13 | 12 | 2 sem. | 1 HS Credit | 1 | Eng 9 or 9CP, Eng 10, 10CP, or 10 Hon., English 11 or 11CP |
| 1125 | English 12 CP | \$13 | 12 | 2 sem. | 1 HS Credit | 2 | Eng 9 or 9CP, Eng 10, 10CP, or 10 Hon., English 11, 11CP, or 11AP/ Teacher Recommendation |
| 1127 | AP English Literature & Composition | \$13 + AP Test | 12 | 2 sem. | 1 HS Credit | 4 | English 11CP or 11AP & AP Criteria |
| 1000 | Creative Writing | | 10-11-12 | 1 sem. | ½ HS Credit | 1 | |
| 1002 | Public Speaking | | 10-11-12 | 1 sem. | ½ HS Credit | 1 | |
| 1008 | Career and College Exploration | | 10-11-12 | 1 sem. | ½ HS Credit | 1 | Passed a full year of previous English class |
| 4231 | US Literature Through Film 1700-1920 | | 10-11-12 | 1 sem. | ½ HS credit | 2 | |
| 4232 | US Literature Through Film 1920-Present | | 10-11-12 | 1 sem. | ½ HS credit | 2 | |

#Not a NCAA Core Course

ENGLISH 9 EXTENDED CURRICULUM

FEE: \$25

Prerequisite: Teacher Recommendation

This course will follow the Common Core Standards. Students will focus on basic reading and writing skills. Students will study the elements of literature, elements of writing and functional reading skills. Included in their studies will be vocabulary, grammar and usage skills, and novels. Instruction is based on student's individual needs. Students are placed in this class based on students Individualized Education Plan. This course includes an End of Course (EOC) given in April for points towards graduation. LEVEL 1

ENGLISH 9***FEE \$13**

English course designed to expose students to grade-level content and strategies at current his/her level of abilities as outlined by the student's Individualized Education Plans. A student must be on a current Individualized Education Plan and must be recommended for the course by an Intervention Specialist. LEVEL 1

ENGLISH 9 G#**FEE: \$13**

This course will follow the Common Core Standards. Students will study various genres of literature, writing, speaking, and analyzing what they have read. Included in their studies will be some research, vocabulary, and overview of grammar/usage skills, at least one formal informative speech, and at least one novel. LEVEL 1

ENGLISH 9 CP**FEE: \$13**

This course will follow the Common Core Standards. Students will study various genres of literature, writing, speaking, and analyzing what they have read. Included in their studies will be some research, vocabulary, an overview of grammar/usage skills, at least one formal informative speech, and at least one novel and one Shakespeare play. Students will complete a research project in the 1st semester. LEVEL 2

ENGLISH 9 HONORS**FEE: \$13**

Prerequisite: Teacher Recommendation & B or higher in previous course

This course will follow the Common Core Curriculum. Students will study various genres of literature, writing, speaking, and analyzing what they have read. Students will write research and persuasive essays, along with analyzing poetry, non-fiction, novels, short stories, and plays. This course is for students who plan to apply for English 10 Honors and English 11 AP classes. LEVEL 3

ENGLISH 10 EXTENDED CURRICULUM**FEE: \$25**

Prerequisite: Teacher Recommendation

This course will follow the Common Core Standards. Students will focus on basic reading and writing skills. Students will study the elements of literature, elements of writing and functional reading skills. Included in their studies will be vocabulary, grammar and usage skills, and novels. Instruction is based on student's individual needs. Students are placed in this class based on students Individualized Education Plan. This course includes an End of Course (EOC) Exam given in April for points towards graduation. LEVEL 1

ENGLISH 10***FEE \$13**

English course designed to expose students to grade-level content and strategies at current his/her level of abilities as outlined by the student's Individualized Education Plan. A student must be on a current Individualized Education Plan and must be recommended for the course by an Intervention Specialist. LEVEL 1

ENGLISH 10G#**FEE: \$13**

This course will follow the Common Core Standards. Students will study various genres of literature, writing, speaking, and analyzing what they have read. Included in their studies will be some research, vocabulary, a review of grammar/usage skills, at least one formal persuasive speech, and at least one novel. This course includes an End of Course (EOC) given in April for points towards graduation. LEVEL 1

ENGLISH 10 CP**FEE: \$13**

Prerequisite: Successful completion of English 9 or 9CP and Teacher Recommendation

This course will follow the Common Core Standards. Students will study various genres of literature, writing, speaking, and analyzing what they have read. Included in their studies will be some research, vocabulary, a review of grammar/usage skills, at least one formal persuasive speech, at least one novel, and one Shakespeare play. Students will write a formal research paper during the 2nd semester. This course includes an End of Course (EOC) Exam given in April for points towards graduation. LEVEL 2

ENGLISH 10 HONORS**FEE: \$13****Prerequisite: Successful completion of English 9CP or 9 Honors and Teacher Recommendation**

This course will follow the Common Core Standards. Students will study various genres of literature, writing, speaking, and analyzing what they have read. Included in their studies will be a research paper during the second semester, vocabulary, a review of grammar/usage skills, at least one formal persuasive speech, at least one novel, and one Shakespeare play. This course is for students intending to apply for the AP classes their junior and senior years. This course includes an End of Course (EOC) Exam given in April for points towards graduation. LEVEL 3

ENGLISH 11 EXTENDED CURRICULUM**FEE: \$25****Prerequisite: Teacher Recommendation**

This course will follow the Common Core Standards. Students will focus on basic reading and writing skills. Students will study the elements of literature, elements of writing and functional reading skills. Included in their studies will be vocabulary, grammar and usage skills, and novels. Instruction is based on student's individual needs. Students are placed in this class based on students Individualized Education Plan. LEVEL 1

ENGLISH 11***FEE \$13**

English course designed to expose students to grade-level content and strategies at current his/her level of abilities as outlined by the student's Individualized Education Plans. A student must be on a current Individualized Education Plan and must be recommended for the course by an Intervention Specialist. LEVEL 1

ENGLISH 11G#**FEE: \$13****Prerequisite: Successful completion of English 9 or 9CP and English 10 or 10CP**

This course will follow the Common Core Standards. Students will study various genres of American literature, writing, speaking, and analyzing what they have read. Included in their studies will be an informal report, vocabulary, a review of grammar/usage skills, at least one formal speech, and at least one novel. LEVEL 1

ENGLISH 11 CP**FEE: \$13****Prerequisite: Successful completion of English 9 or 9CP and English 10, 10CP, or 10 Honors**

This course will follow the Common Core Standards. Students will study various genres of American literature chronologically, writing, speaking, and analyzing what they have read. Included in their studies will be a formal research paper during the second semester, vocabulary, a review of grammar/usage skills, at least one formal speech, and at least two major novels. LEVEL 2

AP ENGLISH LANGUAGE & COMPOSITION**FEE: \$13****Prerequisite: Successful completion of 10CP or 10 Honors and AP Selection Criteria + \$94 AP Test Fee**

This course will follow the Common Core Standards. Students will prepare for the Advanced Placement English Language Test to be taken in May. They will read a variety of prose passages, some short and other full-length novels or plays as they study analysis of style, diction, thematic elements, and literary devices within the literature. Students will write a formal research paper during the second semester. LEVEL 4

ENGLISH 12 EXTENDED CURRICULUM**FEE: \$25****Prerequisite: Teacher Recommendation**

This course will follow the Common Core Standards. Students will focus on basic reading and writing skills. Students will study the elements of literature, elements of writing and functional reading skills. Included in their studies will be vocabulary, grammar and usage skills, and novels. Instruction is based on student's individual needs. Students are placed in this class based on students Individualized Education Plan. LEVEL 1

ENGLISH 12***FEE \$13**

English course designed to expose students to grade-level content and strategies at current his/her level of abilities as outlined by the student's Individualized Education Plans. A student must be on a current Individualized Education Plan and must be recommended for the course by an Intervention Specialist. LEVEL 1

ENGLISH 12G#**FEE: \$13****Prerequisite: Successful completion of English 9 or 9CP, English 10 or 10CP, and English 11 or 11CP**

This course will follow the Common Core Standards. Students will study various genres of British and world literature, writing, speaking, and analyzing what they have read. Included in their studies will be an informal report, vocabulary, a review of grammar/usage skills, at least one formal speech, at least one novel, and a Shakespeare play. LEVEL 1

ENGLISH 12 CP**FEE: \$13****Prerequisite: Successful completion of English 9/9CP; English 10/10CP/10 Honors; and English 11/11CP/11AP**

This course will follow the Common Core Standards. Students will study various genres of British and world literature chronologically, writing, speaking, and analyzing what they have read. Included in their studies will be a formal research paper during the second semester, vocabulary, a review of grammar/usage skills, at least one formal speech, at least two major novels, and a Shakespeare play. LEVEL 2

AP ENGLISH LITERATURE & COMPOSITION**FEE: \$13****Prerequisite: Successful completion of English 11CP or 11AP and AP selection Criteria + \$94 AP Test Fee**

This course will follow the Common Core Standards. Students will prepare for the Advanced Placement English Literature Test to be taken in May. They will read a variety of prose and poetry texts as they study analysis of style, diction, thematic elements, and literary devices within the literature. Students will write a formal research paper during the first semester. LEVEL 4

CREATIVE WRITING

Students will explore and experiment with various types of creative writing and other media of self-expression. Students will keep a daily journal of written work, thoughts, and ideas for writing. Students will write and submit work to various publications and competitions. This course may only be taken once. This course is for 10-12th grade students. LEVEL 1

PUBLIC SPEAKING

Students will learn to plan, construct, deliver, and evaluate speeches. Included in their studies will be principles and techniques for both extemporaneous and planned speeches as well as listening skills and analysis of other people's speeches. This course may only be taken once. This course is for students in grades 10-12. LEVEL 1

CAREER AND COLLEGE EXPLORATION**Prerequisite: Passed full year of previous English course.**

Students will take this class to explore career possibilities. They will survey their interests to determine a career of interest while improving research and writing skill to explore what training, requirements, and skills the career entails. They will also research what careers are possible with various college majors. Students will learn how to conduct an effective job search, and they will also have 'on the job' experience with professionals with two job shadowing experiences. Students will also learn how to write a resume and an effective college entrance essay. LEVEL 1

UNITED STATES LITERATURE THROUGH FILM 1700-1920, 1920-PRESENT

Telling America's history through film has become a large part of our culture. For many people watching a Hollywood film on America is their only way of getting to know her history. The films we will be watching for this class are Hollywood films rather than documentaries therefore they are reenactments of historical events, not a documentary record of events. We will discuss the time periods of films while comparing the events of film to actual historical facts through writing, projects, discussion and essays. This class will not be just watching films, it will include higher order critical thinking and research skills to help prepare students for life after high school. LEVEL 2

MATHEMATICS

| CODE | TITLE | FEE | GRADE | LENGTH | CREDIT | LEVEL | PREREQUISITE |
|------|--------------------------|-----------------|----------|--------|-------------|-------|---|
| 2100 | Algebra 1 EC | | 9 | 2 sem. | 1 HS Credit | 1 | Teacher Recommendation |
| 2101 | Algebra 1* | | 9 | 2 sem. | 1 HS Credit | 1 | Teacher Recommendation |
| 2105 | Essentials Algebra 1A# | | 9 | 2 sem. | 1 HS Credit | 1 | Pre-Alg 8 and Teacher Recommendation |
| 2106 | Essentials Algebra 1B# | | 10 | 2 sem. | 1 HS Credit | 1 | Essentials of Algebra 1A |
| 2090 | Algebra 1 CP | | 9 | 2 sem. | 1 HS Credit | 2 | Pre-Alg 8 B- or higher average and Teacher Recommendation |
| 2300 | Algebra 2 EC | | 11 | 2 sem. | 1 HS Credit | 1 | Teacher Recommendation |
| 2301 | Algebra 2* | | 11 | 2 sem. | 1 HS Credit | 1 | Teacher Recommendation |
| 2305 | Algebra 2 Foundations 1# | | 11-12 | 2 sem. | 1 HS Credit | 1 | Ess. of Geom.; OR Geom. CP & Math Chairperson Approval |
| 2310 | Adv Algebra | | 12 | 2 sem. | 1 HS Credit | 1 | Algebra 2 Foundations 1 |
| 2315 | Algebra 2 CP | | 10-11-12 | 2 sem. | 1 HS Credit | 2 | Alg 1 CP or Alg IA & Alg IB with a teacher recommendation |
| 2320 | Honors Algebra 2 | | 10 | 2 sem. | 1 HS Credit | 3 | Honors Math Selection Criteria** |
| 2605 | Pre-Calculus CP | | 11-12 | 2 sem. | 1 HS Credit | 2 | Algebra 2 CP |
| 2602 | Statistics CP | | 11-12 | 2 sem. | 1 HS Credit | 2 | Honors Alg 2, Alg 2 CP, or Alg Found. 1 with Teacher Rec. |
| 2603 | Adv Statistics | | 11-12 | 2 sem. | 1 HS Credit | 4 | Algebra 2 CP or Algebra 2 Honors |
| 2610 | Honors Pre-Calculus | | 11 | 2 sem. | 1 HS Credit | 3 | Honors Math Selection Criteria** |
| 2615 | AP Calculus AB | \$94 AP Test | 12 | 2 sem. | 1 HS Credit | 4 | AP Selection Criteria & Math Department Approval** |

**See Math Department Chairperson for a complete description of the Honors Math Program

#Not a NCAA Core Course

CALCULATOR REQUIREMENTS FOR MATH COURSES: Students in any courses Algebra 2 and above are required to have a TI-83+ or TI-84+ graphing calculator. All other students are required to have a scientific calculator to use on a daily basis.

ALGEBRA 1 EXTENDED CURRICULUM

Prerequisite: Teacher Recommendation

A course designed for students with disabilities focusing on basic math skills and concepts. It will offer students individualized instruction based on each student's needs. This course includes an End of Course (EOC) Exam given in April for points towards graduation. *Students are required to have a scientific calculator for this course.* LEVEL 1

ALGEBRA 1*

Prerequisite: Teacher Recommendation

Math course designed to expose students to grade-level content, practical math skills, and strategies at current level of abilities as outlined by the student's Individualized Education Plans. A student must be on a current Individualized Education Plan and must be recommended for the course by an Intervention Specialist. LEVEL 1

ESSENTIALS OF ALGEBRA 1A#

Prerequisite: Math 8

Algebra 1A is part one of a two-part sequence that will cover objectives in a high school Algebra 1 course. It is designed for students who need to move at a slower pace to learn mathematics. The two-part sequence, Algebra 1A and 1B gives students more time to learn, understand and apply concepts. LEVEL 1

ESSENTIALS OF ALGEBRA 1B#

Prerequisite: Algebra 1A

Algebra 1B is part two of a two- part sequence that will cover objectives in a high school Algebra 1 course. It is designed for students who need to move at a slower pace to learn mathematics. The two-part sequence, Algebra 1A and 1B gives students more time to learn, understand and apply concepts. LEVEL 1

ALGEBRA 1 CP

Prerequisite: Successful completion of Pre-Algebra 8 with B- or higher average and Teacher Recommendation

Algebra 1 is a high school level course following the required standards and sequences. Completion of this course will fulfill college requirements for Algebra 1. This course includes an End of Course (EOC) Exam given in April for points towards graduation. LEVEL 2

ALGEBRA 2 EXTENDED CURRICULUM

Prerequisite: Teacher Recommendation

A course designed for students with disabilities focusing on basic math skills and concepts. It will offer students individualized instruction based on each student's needs. *Students are required to have a scientific calculator for this course.* LEVEL 1

ALGEBRA 2*

Prerequisite: Teacher Recommendation

Math course designed to expose students to grade-level content, practical math skills, and strategies at current level of abilities as outlined by the student's Individualized Education Plans. A student must be on a current Individualized Education Plan and must be recommended for the course by an Intervention Specialist. LEVEL 1

ALGEBRA 2 FOUNDATIONS 1#

Prerequisite: Essentials of Geometry or Geometry CP or Algebra 1A & Algebra 1B

A general level course, Algebra II Foundations 1 is designed for students who need to move at a slower pace to learn mathematics. Algebra II Foundations 1 (followed by Algebra II Foundations II) explores the fundamental objectives from the Algebra II Sequence objectives, giving students more time to learn, understand, and apply concepts. *Students are required to have a scientific calculator for this course.* LEVEL 1

ADVANCED ALGEBRA#

Prerequisite: Algebra 2 Foundations 1 – A “C” or higher in Algebra 2 Foundations 1 is recommended for this course.

A general level course, Advanced Algebra is taken after Algebra 2 Foundations 1. Advanced Algebra will cover the second half of the Algebra II sequence objectives, giving students more time to learn, understand, and apply concepts. *Students are required to have a scientific calculator for this course.* LEVEL 1

ALGEBRA 2 CP

Prerequisite: Algebra 1 & Geometry; OR Algebra 1/Accelerated Algebra 1 & Geometry – A “C” or higher in Algebra 1 and Geometry is recommended for this course.

A college prep course, Algebra II CP is a traditional Algebra II course that prepares students for the future study of mathematics and for taking the ACT and/or SAT. Students will study all facets of Algebra II, gaining proficiency in elementary and advanced elementary algebra skills and concepts. *Students are required to have a TI-83+ or TI-84+ graphing calculator for this course.* LEVEL 2

HONORS ALGEBRA 2

Prerequisite: Honors Math Selection Criteria

As the fourth Honors level math course in the Honors Math Program, Honors Algebra II is a challenging and academically rigorous Algebra II course for 10th grade Honors Math students. In the course, students are expected to develop excellent proficiency in algebraic method and technique, to have outstanding recall of formulas and definitions, and be able to use higher levels of thinking skills successfully to do problems and applications that require substantial analysis and synthesis of information. Honors Algebra II is a fast-paced course so that topics can be studied more deeply, more topics can be studied, and numerous and varied real world applications can be explored. *Students are required to have a TI-83+ or TI-84+ graphing calculator for this course.* LEVEL 3

MATH 4 EXTENDED CURRICULUM

Prerequisite: Teacher Recommendation

A course designed for students with disabilities focusing on basic math skills and concepts. It will offer students individualized instruction based on each student’s needs. *Students are required to have a scientific calculator for this course.* LEVEL 1

MATH 4*

Prerequisite: Teacher Recommendation

Math course designed to expose students to grade-level content, practical math skills, and strategies at current level of abilities as outlined by the student's Individualized Education Plans. A student must be on a current Individualized Education Plan and must be recommended for the course by an Intervention Specialist. LEVEL 1

STATISTICS CP

Prerequisite: Honors Algebra 2, Alg. 2 CP, or Alg. 2 Found. 1 with Teacher Recommendation

Statistics is the science and art of making predictions and decisions in the face of uncertainty. This elective course, intended for college bound students and required for most college degree programs, will introduce students to four broad topics: exploratory data analysis, planning and conducting a study, probability, and statistical inference. This course will include using graphing calculators and other technology, projects and labs, cooperative group problem solving, and technical writing. *Students are required to have a TI-83+ or TI-84+ graphing calculator for this course.* LEVEL 2

HONORS STATISTICS

Prerequisite: A in Algebra 2 with teacher recommendation, or Honors Algebra 2 with teacher recommendation.

Statistics is the science and art of making predictions and decisions in the face of uncertainty. This elective course, intended for college bound students and required for most college degree programs, will introduce students to four broad topics: exploratory data analysis, planning and conducting a study, probability, and statistical inference. This course will include using graphing calculators and other technology, projects and labs, cooperative group problem solving, and technical writing. **Honors Statistics will follow the curriculum determined by the dual credit college through College Credit Plus. Students wishing to obtain college credit for this course must follow the application & admissions procedures outlined by the College Credit Plus Program. If students do not meet the application & deadline standards, they will receive high school credit only.** Students are required to have a TI-83+ or TI-84+ graphing calculator for this course. LEVEL 4

PRE-CALCULUS CP

Prerequisite: Algebra 2 – A “C” or better in Algebra 2 is recommended for this course.

A 12th grade college prep course, Pre-Calculus CP is a traditional Pre-Calculus course that prepares students for the future study of Calculus and for taking various college admissions exams. Students are required to have a TI-83+ or TI-84+ graphing calculator for this course. LEVEL 2

HONORS PRE-CALCULUS

Prerequisite: Honors Math Selection Criteria

As the fifth Honors level math course in the Honors Math Program, Honors Pre-Calculus is a challenging and academically rigorous course for 11th grade Honors Math students. In the course, students are expected to cover more material and much more in depth; develop excellent proficiency in algebraic method and technique; have outstanding recall of formulas, methods, and the “finer points” of mathematics; and be able to use higher levels of thinking skills to do problems and applications that require much more analysis and synthesis of information. Honors Pre-Calculus is a fast-paced course so that topics can be studied more deeply, more topics can be studied, and numerous and varied real world applications can be explored. **Honors Pre-Calculus will follow the curriculum determined by the dual credit college through College Credit Plus. Students wishing to obtain college credit for this course must follow the application & admissions procedures outlined by the College Credit Plus Program. If students do not meet the application & deadline standards, they will receive high school credit only.** Students are required to have a TI-83+ or TI-84+ graphing calculator for this course. LEVEL 4

AP CALCULUS AB

Fee: \$94 AP Test Fee

Prerequisite: AP Selection Criteria and Math Department Approval

As the last Honors course in the Honors Math Program, Calculus AP is a senior level course that provides the equivalent of one semester of college work in calculus. The course includes traditional Calculus I topics such as the concept of limits, derivatives, integrals, and polynomial approximations and series. Students use the graphing calculator to explore and understand concepts, check results, and complete problems in more efficient and expedient manner. Students are required to have a TI-83+ or TI-84+ graphing calculator for this course. Students are required to take the College Board Advance Placement Calculus AB test in May. LEVEL 4

Courses are listed in order of difficulty.

Students may NOT enroll in a lower level math course after completing one at a higher level except as noted or as approved by the Math Chairperson.

SCIENCE

| CODE | TITLE | FEE | GRADE | LENGTH | CREDIT | LEVEL | PREREQUISITE |
|------|-----------------------------|----------------|----------|--------|-------------|-------|---|
| 3100 | Physical Science G# | \$10 | 9 | 2 sem. | 1 HS Credit | 1 | |
| 3105 | Physical Science CP | \$10 | 9 | 2 sem. | 1 HS Credit | 2 | Enrolled in Algebra CP or Geometry |
| 3110 | Honors Physical Science | \$15 | 9 | 2 sem. | 1 HS Credit | 3 | Hon. Geometry or Hon. Algebra & Teacher Recommendation |
| 3200 | Biology G# | \$15 | 10 | 2 sem. | 1 HS Credit | 1 | Integrated/Physical Science |
| 3205 | Biology CP | \$15 | 10 | 2 sem. | 1 HS Credit | 2 | Integrated/Physical Science CP |
| 3210 | Honors Biology | \$20 | 10 | 2 sem. | 1 HS Credit | 3 | Honors Integrated/Physical Science |
| 3300 | Environmental Science G# | \$15 | 11-12 | 2 sem. | 1 HS Credit | 1 | Biology |
| 3305 | Environmental Science CP | \$15 | 11-12 | 2 sem. | 1 HS Credit | 2 | Biology CP |
| 3310 | Honors Environmental Sci | \$15 | 11-12 | 2 sem. | 1 HS Credit | 3 | Honors Biology |
| 3315 | AP Environmental Science | \$45 + AP Test | 11-12 | 2 sem. | 1 HS Credit | 4 | Life Science, Physical Science, and Algebra |
| 3400 | Chemistry CP | \$20 | 10-11-12 | 2 sem. | 1 HS Credit | 2 | Biology CP and Algebra 1 |
| 3405 | Honors Chemistry | \$20 | 10-11-12 | 2 sem. | 1 HS Credit | 3 | Honors Biology and Algebra 1 |
| 3500 | Anatomy & Physiology | \$25 | 11-12 | 2 sem. | 1 HS Credit | 2 | Grade of "C" or above in Biology CP or Teacher Recommendation |
| 3505 | Honors Anatomy & Physiology | \$25 | 11-12 | 2 sem. | 1 HS Credit | 3 | Honors Biology |
| 3600 | Physics | \$10 | 11-12 | 2 sem. | 1 HS Credit | 2 | Algebra 2 |
| 3605 | Honors Physics | \$10 | 11-12 | 2 sem. | 1 HS Credit | 3 | Honors Biology & Algebra 2 |
| 3710 | Forensic Science | \$25 | 11-12 | 2 sem. | 1 HS Credit | 2 | C or above in Biology CP |
| 3715 | Honors Forensic Science | \$25 | 11-12 | 2 sem. | 1 HS Credit | 3 | C or above in Biology |

#Not a NCAA Core Course

PHYSICAL SCIENCE G#

FEE: \$10

Physical Science is a Level-1 introductory course for ninth graders. This course has three main goals. First is introduces students to a variety of topics in various areas of science, including astronomy, chemistry, and physics. Second, it emphasizes connections among the various traditional areas of science. Third, Physical Science covers the *Ohio Revised Science Standards for Physical Science*. Most topics covered are the same as those covered in CP Physical Science, but with less emphasis on mathematics and computer skills. LEVEL 1

PHYSICAL SCIENCE CP**FEE: \$10****Co-requisite: Enrolled in Algebra CP or Honors Geometry**

College Prep Physical Science is a Level-2 introductory course for college bound ninth graders and introduces students to a variety of topics in the areas of astronomy, chemistry, and physics. Additionally, this course places emphasis on mathematical analysis of data and written communication about results. Throughout the year Physical Science CP places emphasis on scientific methods, graphing data, problem solving, and development of reasoning skills. Physical Science CP covers the *Ohio Revised Science Standards for Physical Science*. LEVEL 2

HONORS PHYSICAL SCIENCE**FEE: \$15****Co-requisite: Honors Geometry or Honors Algebra and Teacher Recommendation**

Honors Physical Science covers the same topics as Physical Science CP with the same emphasis on math & reasoning skills. Honors Science students, however, are held to higher academic standards and expectations than their CP classmates. These may include additional or modified test questions, independent projects or activities, higher grading standards on coursework, or other criteria established by the Science Department. LEVEL 3

BIOLOGY G#**FEE: \$15****Prerequisite: Physical Science**

Biology is a full year course that is designed to introduce the student to the study of life sciences. Students will study the characteristics of life that all living organisms share and survey the living world to examine the diverse forms of life found on earth. Similarities and differences among different organisms will be highlighted and emphasis will be placed on the scientific method as the basis for formulating the ideas covered in this class. Concepts covered include basic life chemistry, genetics, cell biology, ecology, classification, and the evolution of the various living species on earth today. Biology is geared toward students who have not yet decided on a college preparatory tract. This course includes an End of Course (EOC) Exam given in the spring for points towards graduation. LEVEL 1

BIOLOGY CP**FEE: \$15****Prerequisite: Physical Science CP**

Biology CP is a full year course that is designed to introduce the student to the study of life sciences. Students will study the characteristics of life that all living organisms share and survey the living world to examine the diverse forms of life found on earth. Similarities and differences among different organisms will be highlighted and emphasis will be placed on the scientific method as the basis for formulating the ideas covered in this class. As college preparatory students, higher than average performance will be an expectation and CP students may be given modified or additional tasks and test questions. Concepts covered include basic life chemistry, genetics, cell biology, ecology, classification, and the evolution of the various living species on earth today. This course includes an End of Course (EOC) Exam given in the spring for points towards graduation. LEVEL 2

HONORS BIOLOGY**FEE: \$20****Prerequisite: Honors Physical Science**

Honors Biology uses the same course of study and covers the same topics as CP Biology. Honors Biology students, however, are held to higher academic standards and expectations than CP. These may include additional or modified test questions, independent projects or activities, attending seminars, and participation in occasional after-school activities. This course includes an End of Course (EOC) Exam given in the spring for points towards graduation. LEVEL 3

ENVIRONMENTAL SCIENCE G#**FEE: \$15****Prerequisite: Biology**

Environmental Science is a Level-1 course for non-college bound students seeking a third Science credit (a Science elective course) to fulfill Ohio's high school graduation requirements. Environmental Science incorporates elements of biology, chemistry, physics, and physical geology and introduces students to key concepts, principles and theories within environmental science. Environmental Science is divided into two major parts roughly coinciding with first and second semesters. The first semester introduces concepts that describe normal ecosystem function, such as water and nutrient cycles, population growth and species interactions. The second half of the course focuses on human activities and their impacts on local and global environments. LEVEL 1

ENVIRONMENTAL SCIENCE CP**FEE: \$15****Prerequisite: Biology CP**

This course is designed to provide to students the scientific information that allows them to relate the environmental problems facing the world today to the interactions of the human species with our global environment. The approach is a combination of earth science and environmental problem solving that will utilize the biosphere and the ecosystems found within it as models to provide examples of human impacts on our world and the underlying scientific principles that have led to the current state of the globe today. Topics to be examined in this course include ecological concepts such as species interrelationships, materials cycling, energy and its movement, and population as well as various concepts from other realms such as geology, physics, chemistry, and biological sciences. The ultimate goal guiding instruction is to study the human impact on the physical and biological environment in both an immediate and long-term perspective. LEVEL 2

AP ENVIRONMENTAL SCIENCE – Course Available every other year**FEE: \$45****Prerequisite: Physical Science, Life Science, and Algebra****+ \$94 AP Test Fee**

The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary; it embraces a wide variety of topics from different areas of study. Yet there are several major unifying constructs, or themes, that cut across the many topics included in the study of environmental science. The following themes provide a foundation for the structure of the AP Environmental Science course. 1. Science is a process 2. Energy conversions underlie all ecological processes 3. The Earth itself is one interconnected system 4. Humans alter natural systems 5. Environmental problems have a cultural and social context 6. Human survival depends on developing practices that will achieve sustainable systems. LEVEL 4

HONORS ENVIRONMENTAL SCIENCE**FEE: \$15****Prerequisite: Honors Biology**

Honors Environmental Science uses the same course of study and covers the same topics as Environmental Science CP. Honors Environmental Science students, however, are held to higher academic standards and expectations than their CP classmates. These may include additional or modified test questions, independent projects or activities, attending seminars, and participation in occasional after-school activities. LEVEL 3

CHEMISTRY CP**Prerequisite: Biology CP**

Chemistry is an elective subject intended for college prep students. The areas of study include chemical terminology, atomic structure, chemical bonding, chemical reactions and related mathematical concepts, ionization, and radioactivity. Classroom demonstrations and laboratory experiments are an important part of this course. Anyone considering a career in any science or health related field should strongly consider taking this course. LEVEL 2

HONORS CHEMISTRY**FEE: \$20****Prerequisite: Honors Biology**

Honors Chemistry uses the same course of study and covers the same topics as Chemistry. Honors Chemistry students, however, are held to higher academic standards and expectations than their CP classmates. These may include additional or modified test questions, independent projects or activities, attending seminars, and participation in occasional after-school activities. LEVEL 3

ANATOMY & PHYSIOLOGY CP

FEE: \$25

Prerequisite: Grade of “C” or above in Biology CP or Teacher Recommendation

Anatomy and physiology is a full year course that details both the anatomy (structure) and physiology (function) of the human body. Students will study the organization of the body by first examining the chemistry, cellular make-up, and histology that form the basis for the body systems. Each organ system is then examined in depth to provide the student with a complete description of both the form and the function of the human body. This class is geared toward the college preparatory students who wish to further their knowledge in the biological sciences beyond what they have learned in biology CP and gain further knowledge of the anatomical structures and life processes found in the human being. LEVEL 2

HONORS ANATOMY & PHYSIOLOGY

FEE: \$25

Prerequisite: Biology, Chemistry

Honors Anatomy & Physiology uses the same course of study and covers the same topics as Anatomy and Physiology. Honors Anatomy students, however, are held to higher academic standards and expectations than their CP classmates. These may include additional or modified test questions, independent projects or activities, attending in-school Honors seminars, and participation in occasional after-school activities. **Advanced Anatomy will follow the curriculum determined by the dual credit college through College Credit Plus. Students wishing to obtain college credit for this course must follow the application & admissions procedures outlined by the College Credit Plus Program. If students do not meet the application & deadline standards, they will receive high school credit only.** LEVEL 4

PHYSICS CP

Prerequisite: A grade of “C” or higher in Algebra 2 or Teacher Recommendation

Physics is an elective subject intended for above average college prep students with an interest in science and math. Areas of study include kinematics (motion), heat, sound, optics, magnetism and electricity. Laboratory experiments and demonstrations are an important part of the course and are included to help students gain first-hand knowledge of the concepts. Anyone considering a career in science or STEM should strongly consider taking this course. LEVEL 2

HONORS PHYSICS

FEE: \$10

Prerequisite: Honors Biology and Grade of “C” or above in Algebra 2 or Teacher Recommendation

Honors Physics uses the same course of study and covers the same topics as Physics. Honors Physics students, however, are held to higher academic standards and expectations than their CP classmates. These may include additional or modified test questions, independent projects or activities, attending in-school Honors seminars, and participation in occasional after-school activities. LEVEL 3

FORENSIC SCIENCE

FEE: \$25

Prerequisite: C or higher in Honors Biology

Forensic Science is the study and application of science to the solving of crimes. It involves the collection, examination, evaluation and interpretation of specialized evidence(s). This course is designed to provide an overview of basic concepts and techniques used in a forensic science laboratory. Students will learn basic forensic terms and skills. Forensics is a semester course to apply observations, deductive reasoning, and investigative skills. Forensics is a semester course designed to engage students using a creative, problem solving, and inquiry based approach. This course will incorporate multidisciplinary instruction using topics from biology, chemistry, physics, and earth sciences. Included will be topics linked to social studies, in particular a glance into law and criminalistics, in addition to math. Students will apply their knowledge in these topics under laboratory supervision and throughout the process of solving forensic based cases. One of the most important tools for forensic investigation is observation and interpretation of evidence without placing prior judgement. Proper observation, analysis, collection, recording, and processing of evidence is what will set a suspect free or place them into custody. Scientific evidence when gathered, processed, and interpreted correctly, does not lie and holds true in a court of law. LEVEL 2

HONORS FORENSIC SCIENCE

FEE: \$25

Prerequisite: C or higher in Honors Biology

Honors Forensic Science uses the same course of study and covers the same topics as Forensic Science. Honors Forensic Science students, however, are held to higher academic standards and expectations than their CP classmates. These may include additional or modified test questions, independent projects or activities, attending seminars, and participation in occasional after school activities. LEVEL 3

SOCIAL STUDIES

| CODE | TITLE | FEE | GRADE | LENGTH | CREDIT | LEVEL | PREREQUISITE |
|------|--|--------------------|----------|--------|-------------|-------|--|
| 4093 | World History G# 1750 – PRES | | 9 | 2 sem. | 1 HS Credit | 1 | Teacher Recommendation |
| 4095 | World History CP 1750 – PRES | | 9 | 2 sem. | 1 HS Credit | 2 | Teacher Recommendation |
| 4096 | World History Honors 1750-PRES | | 9 | 2 sem. | 1 HS Credit | 3 | Teacher Recommendation |
| 4103 | American History G# 1877 – PRES | | 10 | 2 sem. | 1 HS Credit | 1 | Teacher Recommendation |
| 4105 | American History CP 1877 – PRES | | 10 | 2 sem. | 1 HS Credit | 2 | Teacher Recommendation |
| 4106 | American History Honors 1877- Present | | 10 | 2 sem. | 1 HS Credit | 3 | Teacher Recommendation |
| 4107 | AP US History | \$94 AP Test | 11-12 | 2 sem. | 1 HS Credit | 4 | AP Selection Criteria and Teacher Recommendation |
| 4112 | Government* G# | | 11 | 2 sem. | 1 HS Credit | 1 | Teacher Recommendation |
| 4113 | Government CP* | | 11 | 2 sem. | 1 HS Credit | 2 | Teacher Recommendation |
| 4114 | AP US Government* | \$94 AP Test | 12 | 2 sem. | 1 HS Credit | 4 | AP Selection Criteria and Teacher Recommendation |
| 4430 | Intro to Psychology CP | | 10-11-12 | 1 sem. | ½ HS Credit | 2 | |
| 4440 | AP Psychology | \$94 AP Test | 10-11-12 | 2 sem. | 1 HS Credit | 4 | AP Selection Criteria and Teacher Recommendation |

*This course satisfies the Graduation Requirement for Economics & Financial Literacy

#Not a NCAA Core Course

WORLD HISTORY 1750 – PRESENT EXTENDED CURRICULUM

World Studies analyzes the cultural, physical, economic, and political characteristics that define regions in the world. Students examine various maps, charts, and other geographic data to determine changes brought about by human activity. This course supports the Ohio State Standards, is appropriate for students on IEP's, and requires a teacher recommendation. LEVEL 1

WORLD HISTORY 1750 – PRESENT G#

This course will examine, analyze and interpret events that have had an economic, social or political impact on the United States and the world around it from the late 18th century until the present. U.S. History will be put into the context of world history through a study of the elements of change in relation to historical themes. Special consideration will be given to events leading up to and including the global implications of post-World War II regional changes, and to comparisons between democratic and totalitarian governments. LEVEL 1

WORLD HISTORY 1750 – PRESENT CP

This course will examine, analyze and interpret events that have had an economic, social or political impact on the United States and the world around it from the late 18th century until the present. U.S. History will be put into the context of world history through a study of the elements of change in relation to historical themes. Special consideration will be given to events leading up to and including the global implications of post-World War II regional changes, and to comparisons between democratic and totalitarian governments. LEVEL 2

WORLD HISTORY 1750-PRESENT HONORS

This course will examine, analyze and interpret events that have had an economic, social or political impact on the United States and the world around it from the late 18th century until the present. US history will be put into the context of world history through a study of the elements of change in relation to historical themes. Special consideration will be given to events leading up to and including the global implications of post-World War II regional changes and to comparisons between democratic and totalitarian governments. Students will write research and persuasive essays along with analyzing primary documents, non-fiction and short stories. Students failing to maintain a B average may be placed into CP level of the course. Expectations for students' academic mapping, students will go on to take AP US History Junior Year and AP Government senior year. LEVEL 3

AMERICAN HISTORY 1877– PRESENT G#

American history explores the ideas, people, and events from the end of Reconstruction to its present position. A brief review of early American history will be accompanied by an intense study of late nineteenth and 20th century American history. This course includes an End of Course (EOC) Exam given in April for points towards graduation. LEVEL 1

AMERICAN HISTORY 1877 – PRESENT CP

American history explores the ideas, people, and events from the end of Reconstruction to its present position. A brief review of early American history will be accompanied by an intense study of late nineteenth and 20th century American history. This course includes an End of Course (EOC) Exam given in April for points towards graduation. LEVEL 2

AMERICAN HISTORY 1877 - PRESENT HONORS

This course examines the history of the United States of America from 1877 to the present. The central theme of this course of study focuses on how America withstood challenges to its national security and expanded the rights and roles of its citizens. The course will explore how these integral events helped to shape the country and how lessons learned from those experiences might help to predict and solve the challenges of tomorrow. Understanding how these events came to pass and their meaning for today's citizens is the purpose of this course. The concepts of historical thinking introduced in earlier grades are built upon and students will continue analyzing primary and secondary sources from multiple perspectives to draw conclusions. Students taking this honors course should expect to develop strong critical thinking, historical thinking and writing skills. Tenth grade students may choose to take AP United States history, but this honors level course is a good alternative for those students seeking a challenge, but who might not be ready for the AP route.

Students who take this course can still choose to enroll in AP US History during their junior/senior year, but this honors level course is not a prerequisite for AP US History or AP Government & Politics. LEVEL 3

AP UNITED STATES HISTORY

FEE: \$94 AP Test

Prerequisite: AP Selection Criteria and Teacher Recommendation

Advanced Placement American History is a demanding course in which students will examine the major events and themes from colonization to the present. The course will be structured and taught much like a comprehensive college course in American History. An emphasis on writing skills and test taking in a timed environment will be part of the class routine. Students will be expected to take the College Board's Advanced Placement American History Test at the end of the school year. Summer reading is required. LEVEL 4

GOVERNMENT* G#

This course examines our basic political and economic philosophies, democratic processes, and citizenship rights and responsibilities. Study will include: structures and functions of governments; purposes and applications of the U.S. Constitution; and functions of the political process. Issues of direct concern to citizens will be addressed, such as provisions of the Bill of Rights, alternate points of view, ways to resolve issues, and important aspects of civic participation. This course includes an End of Course (EOC) Exam given in April for points towards graduation. LEVEL 1

*This course satisfies the Graduation Requirement for Economics & Financial Literacy

GOVERNMENT CP*

This course examines our basic political and economic philosophies, democratic processes, and citizenship rights and responsibilities. Study will include: structures and functions of governments; purposes and applications of the U.S. Constitution; and functions of the political process. Issues of direct concern to citizens will be addressed, such as provisions of the Bill of Rights, alternate points of view, ways to resolve issues, and important aspects of civic participation. This course includes an End of Course (EOC) Exam given in April for points towards graduation.

LEVEL 2

*This course satisfies the Graduation Requirement for Economics & Financial Literacy

AP UNITED STATES GOVERNMENT*

FEE: \$94 AP Test

Prerequisite: AP Selection Criteria and Teacher Recommendation

Students will be exposed to a combination of both current events, and key historical events that shape our democracy and governmental process. Students will complete in-depth studies of all three branches of our government, as well as foreign policy, comparative politics, and domestic policy. Students will also study the main documents of freedom in relation to our laws, social mores, and current political culture. Ultimately students will develop a political identity, and will be able to synthesize current political events in a meaningful and thoughtful manner. An emphasis on writing skills and test taking in a timed environment will be part of the class routine. Students will be expected to take the College Board's Advanced Placement U.S. Government Test at the end of the school year. Some summer reading may be required.

LEVEL 4

*This course satisfies the Graduation Requirement for Economics & Financial Literacy

INTRO TO PSYCHOLOGY

In this introductory psychology class students will learn the scientific study of human behavior and mental processes. Many of the topics covered in the class will be the history of psychology, research methods, biological bases of behavior, cognition, sensations and perception, states of consciousness, and more. Students will also learn how to read psychological articles, conduct experiments, analyze data, evaluate the biases of experiments, and effectively communicate their ideas. This course is recommended for students seeking an Honors Diploma. LEVEL 2

AP PSYCHOLOGY

FEE: \$94 AP Test

Prerequisite: AP Selection Criteria and Teacher Recommendation

The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science practice. LEVEL 4

FOREIGN LANGUAGE

| CODE | TITLE | FEE | GRADE | LENGTH | CREDIT | LEVEL | PREREQUISITE |
|------|------------|------------------|------------|--------|-------------|-------|----------------------------|
| 5100 | French 1 | \$20 | 9-10-11 | 2 sem. | 1 HS Credit | 2 | ELA Teacher Recommendation |
| 5110 | French 2 | \$10 | 9-10-11-12 | 2 sem. | 1 HS Credit | 2 | French 1 |
| 5120 | French 3 | \$18 | 10-11-12 | 2 sem. | 1 HS Credit | 2 | French 2 |
| 5130 | French 4 | \$10 | 11-12 | 2 sem. | 1 HS Credit | 3 | French 3 |
| 5200 | Spanish 1 | \$20 | 9-10-11 | 2 sem. | 1 HS Credit | 2 | ELA Teacher Recommendation |
| 5210 | Spanish 2 | \$18 | 9-10-11-12 | 2 sem. | 1 HS Credit | 2 | Spanish 1 |
| 5220 | Spanish 3 | \$12 | 10-11-12 | 2 sem. | 1 HS Credit | 2 | Spanish 2 |
| 5230 | Spanish 4 | \$22 | 11-12 | 2 sem. | 1 HS Credit | 3 | Spanish 3 |
| 5240 | AP Spanish | \$45+ AP Test | 12 | 2 sem. | 1 HS Credit | 4 | Spanish 4 |

FRENCH 1

FEE: \$20

Prerequisite: ELA Teacher Recommendation

The first-year student is introduced to basic conversational French related to a given situation (e.g., eating in a restaurant, greeting friends or discussing likes and dislikes). Basic grammar is introduced in English as a preparation for a more detailed study in French II. The student also studies the lifestyle, cultural differences and similarities of the people of the French-speaking world. Reading (translation) is introduced the second semester. LEVEL 2

FRENCH 2

FEE: \$10

Prerequisite: French 1

The basic skills are emphasized with increased emphasis on speaking, reading, directed composition and grammar. Culture is also an integral part of the course. Completion of French II fulfills the language requirements of most colleges. LEVEL 2

FRENCH 3

FEE: \$18

Prerequisite: French 2

Listening and speaking are an integral part of French III. Speaking is less structured, based primarily on questions and answers dealing with assigned material. Reading and writing are developed more. LEVEL 2

FRENCH 4

FEE: \$10

Prerequisite: French 3

The student is introduced to more concentrated reading. Listening and speaking are practiced through discussion of the readings. Francophone literature is introduced. Grammar is refined to the point that the student should be able to test out of entry-level college classes. LEVEL 3

SPANISH 1**FEE: \$20****Prerequisite: ELA Teacher Recommendation**

The first-year student is introduced to basic conversational Spanish related to a given situation (e.g., eating in a restaurant, greeting friends, or discussing likes and dislikes). Basic grammar is introduced as a preparation for a more detailed study in Spanish II. The student also studies the life style, cultural differences and similarities of the people in the Hispanic world. Reading and writing are introduced when appropriate levels of proficiency are achieved. LEVEL 2

SPANISH 2**FEE: \$18****Prerequisite: Spanish 1**

Listening, reading and speaking are emphasized in this course. Extensive grammar is taught in English but drilled in Spanish. Completion of Spanish II fulfills the language requirement of most colleges. LEVEL 2

SPANISH 3**FEE: \$12****Prerequisite: Spanish 2**

Listening and speaking are an integral part of Spanish III. The student should be able to understand lectures and explanations in Spanish. Reading is stressed and writing skills are refined. LEVEL 2

SPANISH 4**FEE: \$20****Prerequisite: Spanish 3**

Students are introduced to and guided through a high level of reading and writing. Spanish and Latin American writers are introduced through legends and short stories. Speaking and listening skills are sharpened through discussion of required readings, structured student debates and presentations in the target language, and other language uses associated with general student life. Grammar learned throughout the program is applied to the point that students should be able to test out of entry-level college classes. Students are required to supply their own collegiate bilingual dictionary. LEVEL 3

AP SPANISH**FEE: \$45****+ \$94 AP Test Fee****Prerequisite: Spanish 4, AP Selection Criteria, and Foreign Language Department Recommendation**

This course description is paraphrased from the publication titled: *Advanced Placement Program Course Description: Spanish Language*.

The AP Spanish Language course is highly demanding, and is comparable to an advanced level college Spanish language course. Emphasizing the use of Spanish for active communication, AP Spanish Language encompasses listening and oral skills, reading comprehension, grammar, and composition. In this course, special emphasis is placed on the use of authentic source materials. Students will receive extensive training in combining listening, reading, speaking, and writing skills in order to demonstrate understanding of authentic Spanish-language source materials. Only students who have successfully completed three or four years of high school Spanish, and have a solid background, should consider AP Spanish Language. LEVEL 4

MULTIMEDIA & COMPUTER SCIENCE

| CODE | TITLE | FEE | GRADE | LENGTH | CREDIT | LEVEL | PREREQUISITE |
|--------|--|------|------------|--------|---------------|-------|--------------|
| IT1050 | Fundamentals of Information Technology | \$10 | 9-10-11-12 | 1 sem | ½ HS Credit | 3 | |
| IT1080 | Computer Networking | \$10 | 9-10-11-12 | 1 sem | ½ HS Credit | 3 | |
| IT2040 | Fundamentals of Web Development | \$10 | 9-10-11-12 | 1 sem | ½ HS Credit | 3 | |
| IT2060 | Database Management I | \$10 | 9-10-11-12 | 1 sem | 1/2 HS Credit | 3 | |
| IT1081 | IT 1081 System Administration | \$10 | 9-10-11-12 | 1 sem | 1/2 HS Credit | 3 | IT 1050 |
| IT1090 | Intro to Computer Programming I | \$10 | 9-10-11-12 | 1 sem | 1/2 HS Credit | 3 | IT 1050 |

TECHNOLOGY COURSES

IT1050 FUNDAMENTALS OF INFORMATION TECHNOLOGY

This course is an introduction to the field of Information Technology including technology concepts, terminology, hardware components and software applications. Students will be introduced to and asked to apply basic skills in the core areas of information technology such as programming, database management, networking, systems administration, and web development and the basic research, problem solving and decision-making skills required to be successful in this field. The course emphasizes the role of technical communication, project management, languages, tools, models and application architectures within the IT development process. LEVEL 3

IT1080 COMPUTER NETWORKING

The Computer Networking course explains, in a theoretical and practical framework, how communication occurs across a network. Students study such topics as computer/network hardware, network media, topologies, protocols, security, network architectures, IP addressing, and the Transmission Control Protocol/Internet Protocol (TCP/IP) model. Hands-on, active learning is required. LEVEL 3

IT2040 FUNDAMENTALS OF WEB DEVELOPMENT

The course covers modern Web standards, well-formed and valid documents, Semantic XHTML/HTML, User-Centered Design of Static Web Sites, Styling and layout of Web documents with CSS, common tools for Web Site development. Emphasis is on coding syntactically correct Web documents using an engineering design perspective focused on functionality over visual design. Additionally, the course covers a variety of basic XML technologies for data representation and transformation. Hands-on active learning required. LEVEL 3

IT2060 DATABASE MANAGEMENT I

This is an introductory course to the technology used for database development. Topics include the key database concepts, writing queries to retrieve, insert, update, and delete data from databases, and additional database features. Enterprise database management system will be used. Hands-on active learning required. LEVEL 3

IT 1081 System Administration

Prerequisite- IT 1050

This course will provide the knowledge and hands-on skills necessary to manage a Local Area Network and its resources. Topics covered include directory services, server management, file and print services, and user/client administration in a heterogeneous operating system environment. Students will setup and manage a fully functioning computer network of systems. Hands-on active learning required. *Prerequisite Definition: To take this course you must: Have taken the following Courses IT1050 min grade C-. LEVEL 3*

IT 1090 Intro to Computer Programming I

Prerequisite- IT 1050

The course introduces students to object-oriented computer programming and problem solving. Students will learn about the basic of a computer program such as data types, basic control structures, graphical user interface, event-driven programming, and program debugging. Hands-on learning active learning required. LEVEL 3

PERFORMING FINE ARTS

| CODE | TITLE | FEE | GRADE | LENGTH | CREDIT | LEVEL | PREREQUISITE |
|------|------------------------|-----------------------------------|------------|--------|----------------|-------|---|
| 7400 | Band | \$25 +\$50 instr. rental | 9-10-11-12 | 2 sem. | 1 HS Credit | 1 | Teacher Recommendation Instrument Proficiency |
| 7410 | Band CP | \$25 +\$50 instr. rental | 9-10-11-12 | 2 sem. | 1 HS Credit | 2 | Audition and Participation in varsity or junior varsity band. |
| 7415 | Honors Band | \$25 +\$50 instr. rental | 9-10-11-12 | 2 sem. | 1 HS Credit | 3 | Audition and selection for varsity marching band. |
| 7440 | Jazz Ensemble | \$15 | 9-10-11-12 | 2 sem. | 1 HS Credit | 1 | Teacher Recommendation Wind players/drummers must be enrolled in Band. Piano and guitar are exempt |
| 7600 | Guitar Class | \$15 | 9-10-11-12 | 1 sem. | ½ HS Credit | 1 | Must own an acoustic guitar that has been approved by the guitar teacher |
| 7900 | Men's Chorus | \$20 | 9-10-11-12 | 2 sem. | 1 HS Credit | 1 | Teacher Recommendation, signature required |
| 7910 | Women's Chorus | \$20 | 9-10-11-12 | 2 sem. | 1 HS Credit | 1 | Teacher Recommendation, signature required |
| 7920 | Senior Choir | \$20 | 9-10-11-12 | 2 sem. | 1 HS Credit | 1 | Audition Only, signature required |
| 7925 | Senior Choir CP | \$20 | 11-12 | 2 sem. | 1 HS Credit | 2 | Audition Only, signature required |
| 7930 | Honors Senior Choir | \$20 | 11-12 | 2 sem. | 1 HS Credit | 3 | Audition Only, signature required |
| 7950 | Honors Music Theory | | 11-12 | 2 sem. | 1 HS Credit | 3 | Teacher Recommendation |

BAND

FEE: \$25 +\$50 instrument rental (if applicable)

Prerequisite: Teacher Recommendation. Proficiency on a wind or percussion instrument. Teacher signature required

Band level I includes the following elements:

- Scheduled concerts (middle school band night, holiday, winter, spring).
- OMEA large group district and state contest.
- OMEA solo and ensemble contest.
- Pep band- the band performs at all varsity men's home games and pep rallies. Students are required to attend 7 games and will sign up when the pep band schedule is posted in November.
- Community, athletic, and school ceremonies. This includes graduation band (spring), Harrison's birthday (February), and other events that the band is invited to perform at.

Grading consists of weekly playing tests, written assignments, and other forms of assessment. All after school rehearsals and performances are graded and are the largest part of the quarterly grade. Marching band is not a requirement for this course. LEVEL 1

BAND CP**FEE: \$25 +\$50 instrument rental (if applicable)****Prerequisite: Audition and participation in varsity or junior varsity marching band. Teacher signature required**

All previously listed requirements for Band apply. Band CP includes the marching band element and all of its requirements (see marching band handbook).

Auditions for percussion and color guard will be held in the spring. Auditions for all wind players will be held during the last week of July. Students will be placed in either varsity or junior varsity after their audition. Enrollment for varsity is capped at 35 winds and percussion. See the marching band handbook or the band director for more information regarding auditions.

Band camp, after-school rehearsals, and performances from July-November are a requirement for this course. The remainder of the year includes periodic after-school performances mainly by the concert band. All after-school activities are required for subject grades and credits. Students are eligible for the PE waiver for participating in marching band. Students are able to participate in high school athletics and marching band by creating a sharing schedule with the band director and coach. LEVEL 2

HONORS BAND**FEE: \$25 +\$50 instrument rental (if applicable)****Prerequisite: Audition and selection for varsity marching band. Teacher signature required**

All previously listed requirements for Band apply. Additionally, students must attend 4 outside performances per semester for the subject grade and credits. Students must also meet an additional criteria of extra performance opportunities such as participating in OMEA sanctioned events (Honors Bands, Solo and Ensemble competitions, All State Performing Ensembles), take private instrumental lessons, or participate in an outside performing ensemble (Cincinnati Symphony Youth Orchestra, CYJO, etc.). LEVEL 3

JAZZ ENSEMBLE**FEE: \$15****Prerequisite: Teacher Recommendation. All wind players/drummers must be registered in band - piano and guitar are exempt. Teacher signature required**

Jazz Ensemble is a performing ensemble that focuses on music by big band/standard composers, past and present, including many sub-genres of jazz: swing, funk, hip-hop, gospel, Dixieland, fusion, etc. Students will be led through an intensive study through the art of jazz, including: improvisation, theory, analysis, style history, and more. All performances are required for subject grade and credits. Jazz Ensemble accepts students on saxophone, trumpet, trombone, drums, guitar, bass, and piano. Please see the band director if you play another instrument and are interested in registering for Jazz Ensemble. LEVEL 1

GUITAR CLASS**FEE: \$15****Prerequisite: Must own an acoustic guitar that has been approved by the guitar teacher. Teacher signature required**

This is a beginning guitar course that will teach students how to play chords, single lines, read music, tune a guitar, string a guitar, and more. No experience is necessary. Guitars are available from school for use on a limited basis. Enrollment cap: 15. LEVEL 1

MEN'S CHORUS**FEE: \$20 (Additional Participation Fee: \$60)****Prerequisite: Teacher Recommendation, signature required**

Men's Chorus is a performing organization that applies choral technique and prepares and teaches to reach a high level of performance. It is a TTBB (Tenor 1, Tenor 2, Baritone, Bass) choir that performs varied repertoire. Many performance opportunities are provided which include concerts, community ceremonies, school functions, and competitions. Students will find that the majority of performances are after school or occasionally on the weekend. All performances are required for subject grade and credits. LEVEL 1

WOMEN'S CHORUS

FEE: \$20 (Additional Participation Fee: \$60)

Prerequisite: Teacher Recommendation, signature required

Women's Chorus is a performing organization that applies choral technique and prepares and teaches to reach a high level of performance. It is an SSAA (Soprano 1, Soprano 2, Alto 1, Alto 2) choir that performs varied repertoire. Many performance opportunities are provided which include concerts, community ceremonies, school functions, and competitions. Students will find that the majority of performances are after school or occasionally on the weekend. All performances are required for subject grade and credits. LEVEL 1

SENIOR CHOIR

FEE: \$20 (Additional Participation Fee: \$60)

Prerequisite: Audition Only, signature required

Senior Choir is a performing organization that applies choral technique and excels to a high level of choral performance. It is an SATB (Soprano, Alto, Tenor, Bass) choir that performs demanding repertoire. Many performance opportunities are provided which include concerts, community ceremonies, school functions and competitions. Students will find that the majority of performances are after school or occasionally on the weekend. All performances are required for subject grade and credits. LEVEL 1

SENIOR CHOIR CP

FEE: \$20 (Additional Participation Fee: \$60)

Prerequisite: Audition Only, signature required

Senior Choir CP is a performing organization that applies choral technique and excels to a high level of choral performance for College Preparatory credit. It is an SATB (Soprano, Alto, Tenor, Bass) choir that performs demanding repertoire. Many performance opportunities are provided which include concerts, community ceremonies, school functions and competitions. Students will find that the majority of performances are after school or occasionally on the weekend. All performances are required for subject grade and credits. Students also must attend 3 outside performances per semester for subject grade and credits. LEVEL 2

HONORS SENIOR CHOIR

FEE: \$20 (Additional Participation Fee: \$60)

Prerequisite: Audition Only, signature required

Honors Senior Choir is a performing organization that applies choral technique and excels to a high level of choral performance for College Preparatory credit. IT is an SATB (Soprano, Alto, Tenor, Bass) choir that performs demanding repertoire. Many performance opportunities are provided which include concerts, community ceremonies, school functions and competitions. Students will find that the majority of performances are after school or occasionally on the weekend. All performances are required for subject grade and credits. Students must attend 3 outside performances per semester for subject grade and credits. Students must also meet an additional criteria of extra performance opportunities such as participating in OMEA sanctioned events (Honors Choirs, Solo and Ensemble Competitions, All State Performing Ensembles), take private voice lessons, or participate in an outside performing ensemble (May festival Youth Chorus or Cincinnati Children's Choir). LEVEL 3

HONORS MUSIC THEORY

Perquisite: Teacher Recommendation

Honors Music Theory is a high-level music course designed to cover the aspects of music theory and music history ranging anywhere from the medieval period to modern day jazz and pop. Assignments include but are not limited to listening, writing, composition, and dictation assignments. This is a course designed for the music student who wishes to continue his/her studies in music and be able to apply this knowledge to his/her vocal or instrumental performance. LEVEL 2

VISUAL FINE ARTS

STUDIO ART CLASSES

| CODE | TITLE | FEE | GRADE | LENGTH | CREDIT | LEVEL | PREREQUISITE |
|------|---------------------------|------|------------|--------|-------------|-------|---------------------------|
| 7100 | Art 1 | \$15 | 9-10-11-12 | 1 sem. | ½ HS Credit | 1 | |
| 7110 | Art 2 | \$15 | 9-10-11-12 | 1 sem. | ½ HS Credit | 1 | Art 1 |
| 7120 | Ceramics 1 | \$30 | 9-10-11-12 | 1 sem. | ½ HS Credit | 2 | Art 1 |
| 7130 | Ceramics 2 | \$30 | 9-10-11-12 | 1 sem. | ½ HS Credit | 2 | B- or above in Ceramics 1 |
| 7140 | Advanced Studio | \$20 | 9-10-11-12 | 1 sem. | ½ HS Credit | 3 | Art 1 |
| 7150 | Advanced Drawing/Painting | \$20 | 10-11-12 | 1 sem. | ½ HS Credit | 3 | Art 1 |
| 7190 | Design Basics | \$15 | 9-10-11-12 | 1 sem. | ½ HS Credit | 1 | |
| 7191 | Painting | \$20 | 9-10-11-12 | 1 sem. | ½ HS Credit | 2 | Art 1 |

DIGITAL FINE ART CLASSES

| CODE | TITLE | FEE | GRADE | LENGTH | CREDIT | LEVEL | PREREQUISITE |
|------|-------------------|------|------------|--------|-------------|-------|--------------|
| 7170 | Sculpture | \$20 | 9-10-11-12 | 1 sem. | ½ HS Credit | 2 | Art 1 |
| 7180 | Digital Image Art | \$30 | 9-10-11-12 | 1 sem. | ½ HS Credit | 1 | |

AP ART: ADVANCED PLACEMENT STUDIO ART

| CODE | TITLE | FEE | GRADE | LENGTH | CREDIT | LEVEL | PREREQUISITE |
|------|------------------------|------|----------|--------|-------------|-------|---|
| 7200 | AP Drawing/AP Design | \$30 | 10-11-12 | 2 sem. | 1 HS Credit | 4 | 4 semesters of Art and Teacher Recommendation |
| 7210 | AP Digital Photography | \$30 | 10-11-12 | 2 sem. | 1 HS Credit | 4 | 4 semesters of Art and Teacher Recommendation |
| 7220 | AP Ceramics/3D Design | \$30 | 10-11-12 | 2 sem. | 1 HS Credit | 4 | 4 semesters of Art and Teacher Recommendation |

STUDIO ART CLASSES - LISTED BY LEVELS

ART LEVEL 1

ART I - Prerequisite: NONE

Fee: \$15.00

Length: 1 Semester

ART 1 is a foundation art course designed to introduce students of all levels to various media including; pencil drawing, painting, clay, and mixed media collage. No previous art skills are required. This is a first level class. Projects will be centered on the five basic elements of art: line, shape, color, value and texture. Art History will be introduced. Potential projects include still-life drawings, self-portraits, abstract images and functional clay pieces. This class will be based on project grades, quiz and test grades. *Please note:* this class is a prerequisite to many of our other studio classes!

ART II - Prerequisite: ART 1 Fee: 15.00 Length: 1 Semester

This is a studio art class. Students will work on individual hands-on projects. ART II will have more emphasis on the student making creative choices in subject matter and composition. Art II expands the students' knowledge gained from Fundamentals in Art 1 by exploring the elements of art in greater depth. Additional media will be introduced including but not limited to; printmaking, painting, ceramics, fabric batik, and mixed media.

DESIGN BASICS - Prerequisite: NONE FEE: 15.00 Length: 1 Semester

This class is for the creative student interested in learning and applying the principles of design through art projects. Students will create projects through the principles of design including: balance, focal point, repetitive pattern, and other creative aspects of the production process. Students will have hands on experience creating these design principles and applying them to 2D work. Projects in this class will be both individual and group projects. This is not a computer-based course! Grades are evaluated on craftsmanship, effort, and creativity. *(This class is replacing Theater Design. Students that have taken theater design are not eligible for this class.)*

DIGITAL IMAGE ART - Prerequisite: NONE Fee: 30.00 Length: 1 Semester

This art course introduces students to computers as a medium for creating fine and commercial art. The course centers on using Photoshop and Digital Photography to create exciting digital works. Students study how images are used to sell and express ideas. Emphasis is on technical skill, composition, and expression. Students will learn how to use scanned, digital, and internet images to create original artwork. This class is not a drawing/studio course. Most assignments will occur with your photographs and the computer program Photoshop.

ART LEVEL 2

CERAMICS 1 - Prerequisite: Art I Fee: \$30.00 Length: 1 Semester

Ceramics exposes students to clay, the 3-D medium that can be manipulated into a variety of different forms. Students will learn all the basic hand-building techniques involved in clay work including: coil, slab, pinch, drape, and model. Clay tools and terms, as well as the origins and history of clay will be an integral part of this course. This class will be based on project grades, written reports, quizzes and tests.

CERAMICS II - Prerequisite: B- or better in Ceramics I Fee: 30.00 Length: 1 Semester

This class is a fast-paced, challenging course for the self-motivated student. The students will continue in hand building techniques and will learn how to throw on the potter's wheel. However, many of the pieces will be created with a combination of techniques. The students will experiment with surface manipulation and decoration, glazing and firing processes, and will gain a greater understanding of the materials. Aesthetics and art history will be stressed. The class will be based on project grades, written and oral reports, research, quizzes, and tests.

SCULPTURE - Prerequisite: Art 1 Fee: \$20.00 Length: 1 Semester

This studio course is designed to present the student with the basic skills, techniques and various methods used to create sculpture in various media. Student experiences may include, but are not limited to, the exploration of clay, plaster, wire, metal, and mixed media sculptures. Students will create sculptures as a means for visual communication and expression. Emphasis is placed upon personal expression, independent planning, execution of artwork, and visual communication.

PAINTING - Prerequisite: Art 1 Fee: \$20.00 Length: 1 Semester

This is a studio class for the student to refine and explore the materials and studio methods necessary to the painter. Basic painting techniques and mediums include watercolor, tempera, and acrylic paint, used realistically and abstractly. Art History adds a foundation for the studio projects. A variety of artists are explored to help inspire students to create meaningful and expressive solutions to visual problems. This is an excellent class for portfolio development of current or aspiring AP art students. Homework is required.

ART LEVEL 3

Advanced Studio - Prerequisite: Art I Fee: \$20.00

Length: 1 Semester

Advanced Studio Art is for the student interested in advancing their art skills and building a portfolio. The course will build on the basic art elements and principles of design. A greater emphasis will be placed on originality, problem solving and critical thinking as students learn how artists express themselves through creating works of art. The projects created in this class would be potential pieces for a portfolio, and could be used for an AP level class in the future.

Advanced Drawing & Painting - Prerequisite: Art I Fee: \$20.00 Length: 1 Semester

Advanced studio is for students interested in art and working on higher level projects in drawing, painting, and more!! - 3D sculpture, mixed media collage and abstract art will also be included. This course will provide the student with a more highly developed look at various art media and the production of more elaborate pieces of artwork. A greater emphasis will be placed on individual expression, self-direction, thought and unique personality, students will be able to make more personal choices in their art. It is recommended (but not required) that each student acquire a sketch book and a portfolio for the archival storage of completed works.

ART LEVEL 4

AP ART: ADVANCED PLACEMENT STUDIO ART

Prerequisite: four semesters of art/teacher recommendation

Fee: \$30.00

Length: Year Credit: 1

Grade: 11, 12

- **AP Drawing (drawing, painting)**
- **AP Design/AP Digital Photography (digital art, mixed media, collage)**
- **AP 3D Design (sculpture, ceramics, fashion, assemblage)**

AP studio art is a discipline-based art education course that offers the serious art student a more sophisticated approach to the visual arts in addition to awareness of career choices in the art field. Equipped with a working knowledge of art history (the major art movements and artists in history), aesthetics (the philosophy of art), art criticism (responding to works of art), and art creation (the integration of the elements of art and principles of design into personal and creative artwork). The AP studio art student will build an 18-24 piece portfolio that will reflect their own personal talent, style and self-expression. Each student will need to acquire a portfolio, an ongoing sketchbook and a written journal. Students will submit portfolios for the Scholastic Art Awards in January and the AP Studio Art Exam in May.

HEALTH & PHYSICAL EDUCATION

| CODE | TITLE | FEE | GRADE | LENGTH | CREDIT | LEVEL | PREREQUISITE |
|------|-------------------------------------|------|------------|--------|-------------|-------|--------------|
| 9001 | Physical Education 1 | | 9-10-11-12 | 1 sem. | ¼ HS Credit | 1 | |
| 9002 | Physical Education 2 | | 9-10-11-12 | 1 sem. | ¼ HS Credit | 1 | |
| 9100 | Boys Advanced PE Strength & Cond.* | \$20 | 9-10-11-12 | 1 sem. | ½ HS Credit | 1 | |
| 9101 | Girls Advanced PE Strength & Cond.* | \$20 | 9-10-11-12 | 1 sem. | ½ HS Credit | 1 | |
| 9200 | Advanced PE Team/Individual Sports* | \$20 | 9-10-11-12 | 1 sem. | ½ HS Credit | 1 | |
| 9205 | Aerobic Fitness* | \$20 | 9-10-11-12 | 1 sem. | ½ HS Credit | 1 | |
| 9500 | Health | \$5 | 9-10-11-12 | 1 sem. | ½ HS Credit | 1 | |

*Course does not fulfill State PE Requirement

Note: Students who participate in two or more full seasons of any school-sponsored interscholastic sport, marching band, or cheerleading may satisfy the State of Ohio and Taylor Secondary School Physical Education requirements through participation in these activities. For a waiver (not actual credits) to be granted, verification forms must be completed by the appropriate coach(es), teacher(s), or sponsor(s) and filed in the main office. Students who intend to satisfy their P.E. requirement in this manner are still expected to satisfy minimum scheduling requirements (see cover letter of this booklet). A partial waiver will not be granted for participating in less than two full seasons. Waivers granted for incomplete seasons as a result of season-ending injuries must receive administrative approval. (Reference: Board of Education Policy IKF)

PHYSICAL EDUCATION 1

PE 1 is a required course designed to give students the opportunity to meet each of the physical education standards 1-5 benchmark A adopted by the Ohio Department of Education. It will provide students with the knowledge, skills, and strategies associated with many different individual and team sports. This course will also encourage respectful behavior and a lifetime of fitness by meeting or exceeding criterion-referenced health-related physical fitness standards. LEVEL 1

PHYSICAL EDUCATION 2

PE 2 is a required course designed to give students the opportunity to meet each of the physical education standards 1-5 benchmark B adopted by the Ohio Department of Education. It will provide students with the knowledge, skills, and strategies associated with many different individual and team sports. By the completion of PE 2, the students will create and develop a fitness plan based on their individual goals to achieve each component of health-related fitness. LEVEL 1

ADVANCED PHYSICAL EDUCATION – STRENGTH & FITNESS: BOYS**FEE: \$20****Prerequisite: PE I & II**

This class will focus on improving and maintaining personal health and wellness through routine participating in cardiorespiratory and strength training activities, including weight training, circuit training, agility training, and running. Students will develop and implement a personal fitness plan by the end of the semester course. LEVEL 1

ADVANCED PHYSICAL EDUCATION – STRENGTH & FITNESS: GIRLS**FEE: \$20****Prerequisite: PE I & II**

This class will focus on improving and maintaining personal health and wellness through routine participating in cardiorespiratory and strength training activities, including weight training, circuit training, agility training, and running. Students will develop and implement a personal fitness plan by the end of the semester course. LEVEL 1

ADVANCED PHYSICAL EDUCATION – TEAM/INDIVIDUAL SPORTS**FEE: \$20****Prerequisite: PE I & II with and A or B average**

This one semester course will focus on team and individual sports such as basketball, floor hockey, volleyball, badminton, soccer, softball, tennis, ultimate frisbee, flag football and lacrosse. Students in this course will learn the history of different sports, as well as how those sports impact us culturally, both in the United States and Worldwide. Students will be taught basic officiating techniques, as well as develop and lead practice sessions in the various sports. LEVEL 1

AEROBIC FITNESS**FEE: \$20**

This course emphasizes total body fitness focusing on Aerobic Activity, Cardio-respiratory fitness and muscular strength and endurance. This semester course will allow students to improve total physical fitness as well as understand how to measure and incorporate Heart Rate into monitoring and creating a physical activity plan. LEVEL 1

HEALTH

Health is an online semester course that will guide students through the many dimensions of wellness: Correlating Human Body Systems, Nutrition, and Physical Activity to comprehend concepts related to health promotion and disease prevention; analyze the validity of health information, products, and services; learn strategies and practice behaviors to reduce health risks; promote safe and healthy relationships; understanding the dangers of tobacco, alcohol, and other drug use. This is a graduation requirement. LEVEL 1

COLLEGE AND CAREER EXPLORATION

| CODE | TITLE | FEE | GRADE | LENGTH | CREDIT | LEVEL | PREREQUISITE |
|------|-------------------------------|------|-------|--------|-------------|-------|--|
| 8330 | College 101 | | 12 | 1 sem. | ½ HS Credit | 2 | |
| 6020 | Aviation Mechanic Academy 101 | | 9-12 | 1 sem. | ½ HS credit | 2 | |
| 6021 | Aviation Mechanic Academy 201 | | 9-12 | 1 sem. | ½ HS credit | 2 | Aviation Mechanic 101 & Teacher Rec |
| 6023 | Passion Project | | 11-12 | 2 sem | 1 HS | 3 | Teacher Rec |
| 6090 | Engineering Foundations | \$35 | 11-12 | 2 sem. | 1 HS Credit | 3 | Algebra I, Geometry, & 2 years of CP Science |

COLLEGE 101

Navigating the college application process is very intimidating. This semester-long senior-only elective is for students who will be going through the college application process. In addition to completing the college application, students will apply for scholarships, explore college majors, develop a resume and add valuable volunteer opportunities to the resume, and learn the ins and outs of the financial aid process. Special emphasis will be placed on the development of a plan to network and sell personal skills, set and achieve goals, and write effective college essays. LEVEL 2

AVIATION MECHANIC ACADEMY

Three Rivers School District is partnering with the staff at Cincinnati State West campus at Cincinnati West Airport, Aviation Mechanic Academy 101 to bring students hands-on exposure to such topics as drone technology, aerodynamics, airplane structures, piston and jet engines, avionics, and an aviation/aerospace simulation. This introductory level (101) course is open to students in grades 9-12 who are interested in exploring these topics. Students may have an opportunity to advance to Aviation Mechanic Academy 201 and 301 to earn a professional certification for aviation mechanics. LEVEL 2

AVIATION MECHANIC ACADEMY 201

Aviation Mechanics 201 – *“The Theory of Drone Flight”*. As a continuation of the Aviation Mechanics 101 survey, students in Aviation Mechanics 201 will be exposed to the theory, mechanics, and maintenance concepts around designing, building, flying, and supporting commercial drone technology. This advanced course will prepare students for Aviation Mechanics 301 which culminates in sitting for the FAA Remote Pilot Certification. LEVEL 2

PASSION PROJECT/INDEPENDENT STUDY

Prerequisite: Teacher Recommendation

This course allows individual students to create their own independent study or passion project. Students must ask themselves the question: ‘what is something I am passionate about or want to become an expert on/dive into learning?’ This course allows students time in their school day to chase that passion/purpose and receive support while they work towards their passion/purpose.

Not only does this class look to provide students with a more personalized learning environment, but it also intends to equip students with real-world skills to help them in any future endeavors; project-based learning, collaboration, coordination, critical thinking, confidence, time management, and business/professional interactions to name a few. Students can choose a topic they want more time to enhance their knowledge and skills on, or create a topic that is completely new that they have a passion to learn more about. Maybe a student wants to be a fashion designer but does not even know how to sew; or maybe a student has a grass cutting job they want to turn into a business upon graduation. This course would attempt to set them up with the proper people, funding, mentoring, and knowledge to help our students explore their passion/purpose. LEVEL 3

ENGINEERING FOUNDATIONS

FEE: \$35

Prerequisite: Algebra 2 CP

This course is for students interested in engineering, technology, and applied science. This course explores a wide range of engineering and technology, technology systems and design processes. Through the course students will use math, science, technology, and writing to solve engineering problems. The course is primarily project-based and requires substantial participation by all students. The course also emphasizes team work, oral and written communication, and the impact technology has on society. The broader context of each engineering discipline will also be provided so that students understand the range of applications and occupations associated with various disciplines. LEVEL 3

BUSINESS PROFESSIONS ACADEMY

| CODE | TITLE | FEE | GRADE | LENGTH | CREDIT | LEVEL | PREREQUISITE |
|------|----------------------------------|-----|-------|--------|-------------|-------|---|
| 6520 | Intro to Business Foundations | | 9-10 | 1 sem. | ½ HS Credit | 2 | |
| 6530 | Intro to Finance Foundations | | 10 | 1 sem. | ½ HS Credit | 2 | |
| 6540 | Business Management 1 (Year One) | | 11 | 2 sem. | 1 HS Credit | 3 | |
| 6550 | Financial Accounting (Year Two) | | 12 | 2 sem. | 1 HS Credit | 4 | Business Management 1 |
| 6560 | Business Mgmt. Internship | | 12 | 2 sem. | 1 HS Credit | 2 | Business Management 1 and Concurrent enrollment in Financial Accounting |

INTRO TO BUSINESS FOUNDATIONS

Business foundations is the first course in the Great Oaks Business Management program. It introduces students to the business concepts that are important in today's workplace. They will acquire knowledge of business economics, law, creating a business in a local and global economy- Employability skills, leadership, communications will be addressed. Students will also have the opportunity to join the business club, DECA. **This course is highly recommended for students who are planning on taking Business Management as a junior.** LEVEL 2

INTRO TO FINANCE FOUNDATIONS

Finance Foundations introduces students to the specializations offered in the finance and accounting career field. Students will obtain fundamental knowledge and skills in personal finance, accounting, banking services, corporate finance, insurance, and securities and investments. Knowledge management and information technology will be emphasized. Employability skills, leadership and communications will be incorporated in classroom activities. Students will also have the opportunity to join the business club, DECA. **This course is highly recommended for students who are planning on taking Business Management as a junior.** LEVEL 2

BUSINESS MANAGEMENT 1 (Year One)

Students will be introduced to marketing and entrepreneurship concepts. Students will use innovating skills to generate ideas for new products and services, evaluate the feasibility of ideas, and develop a strategy for business development. They will use technology to select target markets, profile target customers, define the venture's mission, and create business plans. Students will take initial steps to establish a business. Students will calculate and forecast costs, break-even, and sales. Establishing brand, setting prices, promotion products, and management customer relationships will be emphasized. Students will have the opportunity to join the business club, DECA. Students planning on studying business in college will have the opportunity to earn college credit. **This course is required for students planning on taking Business Management 2.** LEVEL 3

Financial Accounting (Business Management 2)

FEE: \$19

Prerequisite: Business Management 1

Students will be introduced to accounting. Students will track, record, summarize, and report business's financial transactions. They will develop financial documents, project future income and expenses, and evaluate the accuracy of a business's financial information. Students will also apply tools, strategies, and systems to evaluate a company's financial performance and monitor the use of financial resources. Technology, employability skills, leadership and communications will be incorporated in classroom activities. Students will also be required to be members and compete in Business Professionals of America (BPA). Students planning on studying business in college will have the opportunity to earn college credit. Students will have the opportunity to join the business club, DECA **Students enrolled in Business Management 2 will also be required to enroll in Business Internship. This is a dual credit course where students may earn both high school and college credit through Cincinnati State. In order to earn dual credit, students must meet all admission deadlines and standards set through the College Credit Plus program.** LEVEL 4

BUSINESS MANAGEMENT INTERNSHIP

Prerequisite: Business Management 1 and concurrent enrollment in Business Management 2

This course is part of the Business Management program. Students will apply their knowledge and skills that they are learning in the program in a more comprehensive and authentic way in a business environment outside of school. Senior business management students will build advanced skill sets based on their earlier coursework by working hands-on in a variety of business fields. During the course, students will participate in three to four internships; each lasting from eight to ten weeks. **Reliable transportation to and from the internship site is a necessity.** LEVEL 2

TEACHING PROFESSIONS ACADEMY

| CODE | TITLE | FEE | GRADE | LENGTH | CREDIT | LEVEL | PREREQUISITE |
|------|---------------------------------|-----|----------|--------|-------------|-------|--|
| 8300 | Teaching Professions Acad. I | | 11 | 2 sem. | 1 HS Credit | 3 | Teaching Professions Acad. I & II must be taken together |
| 8310 | Teaching Professions Acad. II | | 11 | 2 sem. | 1 HS Credit | 3 | Teaching Professions Acad. I & II must be taken together |
| 8315 | Teaching Professions Acad. III | | 12 | 2 Sem. | 1 HS Credit | 3 | Teaching Professions Academy I & II |
| 8320 | Teaching Prof. Acad. Internship | | 12 | 2 sem. | 1 HS Credit | 2 | |
| 8332 | Trending Issues in Education | | 10-11-12 | 2 sem. | 1 Credit | 2 | |

TEACHING PROFESSIONS ACADEMY PROGRAM

GRADES 11-12

Two full-year courses (150 hours each) are blended into one course in the junior year. The two courses are offered in one class bell; one course is in an online format, the other is in the traditional format. TPA I, II and III are the levels of course work in the two-year Teaching Professions Program. The design of the courses is for the student who enjoys the teaching and learning process while working with children. Students will utilize technology to prepare presentations and portfolio documents. Field trips add an important dynamic to the classroom activities. Guest speakers from educational institutions present current theory and practice. Students enrolled in the school's chapter of Educators Rising will be able to participate in regional, state and national competitions and conferences. The design of the program is to support the student's interest in teaching or a teaching-related career. The curriculum in the TPA program introduces students to the following: Orientation to Teaching Professions, History of Education, Understanding the Learner, Teaching Strategies, the Learning Environment, Assessing Teaching and Learning, Technology, Professional Development, Effective Communication Skills, etc.

TPA I & TPA II ARE SCHEDULED TOGETHER IN ONE BELL FOR TWO CREDITS

TPA I

FULL YEAR

Students will develop age-appropriate learning experiences and curriculum to engage children and help them learn. They will determine curricular goals, create lesson plans, and employ grading and assessment strategies to measure targeted learning outcomes. In addition, students will develop online instruction using learning management-system platforms. LEVEL 3

TPA II (online format)

FULL YEAR

Students will apply developmentally appropriate techniques to advance learners' social and emotional growth. They will create classroom environments to maximize the learning potential of each learner. Additionally, learners will create and enforce classroom rules, establish classroom routines and model self-discipline for learners. Emphasis on conflict resolution, positive discipline and behavioral-modification techniques throughout the course. LEVEL 3

TPA III

FULL YEAR

Prerequisite: TPA I and II

In this course, students will research the historical perspectives and theories of education used in the forming of their own personal educational philosophy. Students will assess legal, ethical and organizational issues. Additionally, students will assess appropriate practices and identify challenging issues associated with teaching children with diverse needs. The course emphasizes career planning, professional guidelines and ethical practices. During this course, students will apply their internship experiences to developing portfolios. At the completion of the course, college professors grade the portfolios utilizing the Ohio Department of Education's Teaching Professions rubric. Successful completion of the portfolio writing may result in college credit. In addition to writing portfolios, students will use technology to develop presentations and projects. Students will also have the opportunity to visit colleges with education programs, participate in professional development, and compete in regional, state and international competitions and conferences through their enrollment in the school's chapter of Educators Rising. The design of the program is to support the student's postsecondary teaching professions career major or a related career major. Senior students must take both TPA III and TPA Internship simultaneously. LEVEL 3

TPA INTERNSHIP

Prerequisite: TPA I, TPA II, TPA III

Students apply Education and Training program knowledge and skills in a more comprehensive and authentic way. Capstones are project/problem-based learning opportunities that occur both in and away from school. Under supervision of the school and through partnerships, students combine classroom learning with work experience to benefit themselves and others. These can take the form of mentorship employment, cooperative education, apprenticeships and internships. Students participate in internships by rotating through different grade level and ability classrooms. They observe and begin practicing the principles of teaching and learning. This course is designed to support the student's postsecondary teaching professions career major or related career field. **Senior students must take both TPA III and TPA Internship simultaneously.** LEVEL 2

TRENDING ISSUES IN EDUCATION

A year-long introductory course designed for the student considering a career requiring a strong emphasis on communication skills such as teaching, business, medical professions, or helping professions. Introduction to the following topics trending in the world include ethical dilemmas, social media, bullying, college and career readiness skills such as resume building and interviewing techniques, collaboration/ group work, and communication skills. In addition to studying current issues, students will utilize technology to develop presentations and projects. Students will examine the relationship of families, communities and schools in the growth and development of a strong and vibrant world. They will implement strategies to involve families and communities actively in child development and learning, determine community resources and services available to families and schools, and act as advocates for students and learning. Throughout the course, the instructor will emphasize working with socially, culturally, and linguistically diverse families. **This course is highly recommended for students who are planning to take TPI or TPA II.** LEVEL 2

TEACHER PLACEMENT COURSES

| CODE | TITLE | FEE | GRADE | LENGTH | CREDIT | LEVEL | PREREQUISITE |
|------|------------------------|------|------------|--------|-------------|-------|------------------------|
| 8500 | RAFT | | 9-10-11-12 | 2 sem. | 1 HS Credit | 1 | Teacher Recommendation |
| 8505 | Support NC | | 9-10-11-12 | 2 sem. | | | Teacher Recommendation |
| 8510 | Occupational Education | | 9-10-11-12 | 2 sem. | 1 HS Credit | 1 | Teacher Recommendation |
| 8520 | Community Awareness | | 9-10-11-12 | 2 sem. | 2 HS Credit | 1 | Teacher Recommendation |
| 8540 | Food & Nutrition | \$30 | 9-10-11-12 | 1 sem. | ½ HS Credit | 1 | Teacher Recommendation |
| 8545 | Food & Nutrition 2 | \$30 | 9-10-11-12 | 1 sem. | ½ HS Credit | 1 | Teacher Recommendation |
| 8550 | Work Study Sem. 1 | | 9-10-11-12 | 1 sem. | ½ HS Credit | 1 | Teacher Recommendation |
| 8555 | Work Study Sem. 2 | | 9-10-11-12 | 1 sem. | ½ HS Credit | 1 | Teacher Recommendation |

RAFT

Prerequisite: Teacher recommendation

This course is designed for students who are receiving services under an Individualized Education Plan. Students will receive assistance with required coursework and learn a variety of study skills in order for them to be successful in the General Education curriculum. This course will also assist students in the transition process from High School to post secondary academics or employment. LEVEL 1

OCCUPATIONAL EDUCATION

Prerequisite: Teacher recommendation

This course involves working in the cafeteria during the lunch period. Students are required to work 2 lunch periods. Students will assist the cafeteria staff with daily duties. This course is geared for students who need to develop transitional skills in preparation for the world of work. It reinforces job skills that will increase student employability in the service fields after graduation. Students must be on an IEP. LEVEL 1

COMMUNITY EDUCATION

Prerequisite: 11th & 12th Grade & Teacher Recommendation

This course is designed to expose students to various aspects of the community in order to assist with independent living skills. Students will learn functional skills such as grocery shopping, cleaning, dining out, volunteer work, and recycling. Students will explore a variety of post secondary transition programs such as Career X, Project Search, or Pathways. In order for the students to participate in this course, they must receive services under an Individualized Education Plan. LEVEL 1

FOOD AND NUTRITION

FEE: \$30

Prerequisite: Teacher recommendation

This course is designed for students who are interested in understanding the principles of nutrition and food preparation. Attention will be given to personal health, food content, kitchen management, cooking terminology, and safety. A fee will be required for this class. Teacher recommendation required. LEVEL 1

FOOD AND NUTRITION II

FEE: \$30

Prerequisite: Teacher recommendation

This course includes and continues the focus of Food & Nutrition I, to reinforce skills and practice for some, while expanding covered areas for others. Topics included in this class will be healthy eating, menu planning, consumer skills, and food preparation. LEVEL 1

WORK STUDY

Prerequisite: Teacher recommendation

This class is for IEP/504 students who are attending high school and also working part-time in the community at a paying job. Students must have own transportation and must find employment prior to being enrolled in this class. Students are required to provide pay stubs to the work-study coordinator monthly to keep track of hours. Students must work 160 hours to earn 1 credit. LEVEL 1