Triad High School

2018-2019 Schedule Planning Guide
Dear Students and Parents:

It is time to make plans for the 2018-2019 school year regarding curriculum choices. Today's Triad High School is continuing to evolve as a learning institution to meet the needs of 21st Century living. While we still have our traditional class offerings, we are continuing to evolve our virtual programs, JVS satellite programs and advising our students on the College Credit Plus program. Triad High School is striving to become more “user” friendly and provide multiple pathways for our students to become college and career ready. Due to the multiple programs that we now offer, an instructional plan can be created to meet the needs of all students. Students should take time to establish or review their goals, and look at their interest and abilities prior to making course selections. Both students and parents are encouraged to discuss these selections with the teachers, guidance counselor, or myself.

In order to meet their academic requirements, students at Triad High School are required to earn 22 credits which must include the following: English - 4 credits; Math - 4 credits, (which must include Algebra II); Science - 3 credits; (which must include 1 credit in physical science, 1 credit in Life Sciences/Biology); Social Studies - 3 credits, (which must include World History, American History and Government/Economics/Personal Finance); Health-1/2 credit; Physical Education - ½ credit, (two classes unless students complete the PE waiver form), and at least 2 semesters of fine arts taken any time in grades 7-12, (unless they are attending Ohio Hi-Point Joint Vocational Center during their junior and senior years). The total core credits total 15. The remaining 7 credits are considered elective credit and students may include on-line classes, foreign language, visual art, music, career technical education or other core classes not required by the state.

Students are organized into four grades based on total number of credits: Freshman 0-4 credits; Sophomores 5-10 credits; Juniors - 11-16 credits; Seniors- 17- and above. Any students interested in attending Ohio Hi-Point JVS should have earned 9 credits including 2 English; 2 Math, 2 Science, 2 Social Studies, ½ credit in Physical Education.

In addition to earning 22 academic credits, students have to meet one of the three following requirements: 1) Ohio's End of Course Exams, where students are required to earn 18 points using 7 end of course exams, including 4 points in math, 4 points in English and 6 points across science and social studies. The state requires end of course exams in the following courses: Algebra I, Geometry, Biology, American History, American Government, English 9 and English 10. 2) Industry credential and workforce readiness, where students earn 12 points through a State Board of Education approved, industry-recognized credential or group of credentials in a single career field and achieve a workforce readiness score on the WorkKeys assessment. 3) Students earn remediation free scores in English language arts and mathematics on a nationally recognized college admission exam. The state of Ohio will pay for all juniors to take the exam starting with the class of 2018.

After reading over the course selections and discussing them with the appropriate people, the last sheet in this booklet should be filled out for the remainder of one's years at Triad. This will help to plan the sequence of courses to take. It does NOT mean that one is bound to the courses listed in future years, but those listed for the 2018-2019 school year should not be changed unless a student fails a class this school year, which would necessitate a change in the schedule for the 2018-2019 school year. It should also be noted that the specific classes and the number of sections these classes are offered will be dictated by the level of student interest and on available staffing.

In the next few weeks, Mrs. Kacy Moore, our Guidance Counselor, will meet with the students to assist them in scheduling for the 2018-2019 school year. Once a student's schedule is set there are only 3 reasons for
changing it: student failed to meet prerequisite, teacher initiated change (usually due to misplacement) and need to add a college requirement.

Sincerely,

Mr. Kyle Huffman

Principal
General Information

Class Rank

The Board of Education has authorized the use of a class ranking system for students in grades 9-12 based on their final grades for all courses included on their high school transcript. The system to be used is detailed below.

A. At the end of the sophomore year, the junior year, at the end of the third report period in the senior year and finally at the end of the senior year, students will be ranked scholastically.
B. Class rank and grade point average shall be calculated on the basis of all courses on the high school transcript for which credit has been earned or attempted. This calculation includes grades for courses taken for high school credit at the middle school level, algebra.
C. Courses dropped shall be included in the computation of a student’s grade point average when they are dropped with a withdraw failure (W/F).
D. Quality points are numerical values assigned to grades for the purpose of determining numerical average. Quality points shall be assigned to grades earned in all courses for which credit is received, as follows:

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A+ &= 4.0 \\
A &= 3.9 \\
A- &= 3.7 \\
B+ &= 3.33 \\
B &= 3.0 \\
B- &= 2.7 \\
C+ &= 2.33 \\
C &= 2.0 \\
C- &= 1.7 \\
D+ &= 1.33 \\
D &= 1.0 \\
D- &= 0.7 \\
F &= 0.0 \\
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E. The rank of students will be determined by grade point average. A student’s grade point average shall be determined by dividing the total number of quality points earned by the number of credits included on the transcript. The grade point average shall be reported to three decimal places (thousandths), students with the same grade point average shall be numbered identically in rank. (For example, if four students had the highest possible grade point average, all four would be ranked first; the student(s) with the next highest grade point average would be ranked fifth and so forth).

F. A student’s grade point average and rank in class shall be entered on his/her record and shall be subject to the Board’s policy on release of student records. Rank in class shall be entered on the student’s records and on all transcripts.
G. The principal or designee shall provide written communication with colleges and universities to which students apply through the following:
   a. Explanation of the class rank policy on the school profile
b. A separate more detailed explanation of the class rank policy will be included with the mailing of seventh semester grades and final transcripts upon request.

H. The high school shall provide an estimate of class rank only when essential, such as for certain scholarship applications.

College Days Procedure

A college visit is critical when deciding which school to attend. Seniors and juniors may be excused from school to visit a campus during the school day. Seniors will be excused for 3 college visits a year and juniors will be excused for 2. If students are to be excused for college visits they will need to bring a note from their parents one week prior stating that the student is making a college visit. The student will receive a form that the college will complete. This form needs to be returned for the visit not to count as an absence. A student must be passing all classes for the interim or semester to visit a college.

Credit Flexibility

The Triad Board of Education is in the process of adopting a policy for a credit flexibility program as mandated by the Ohio Department of Education. The program must include the following components:

a. Any student will be eligible to be considered for alternative ways of earning high school credit, but students must be capable of meeting the conditions necessary to earn the credit.

b. School and students will pre-identify and agree on the learning outcomes of alternative learning option, (personalized learning plan).

c. Students may earn credits through a variety of options: complete the regular classes in a regular classroom setting, test out of a course and earn credit without having to be in the regular classroom setting, educational options which may include Fueled Education online curriculum, post secondary options, dual enrollments, independent study, correspondence courses, etc.

b. Issuance of credit will be determined locally, by teachers as part of a multidisciplinary team, a professional panel from the community, or a state performance-based test.

e. Courses and educational options may be counted for full or partial credit and/or credit in more than one area, such as academic and career technical credit.

f. Students who “test out” of course work must use one or more mechanisms from the state’s pre-approved list, including various commercial assessments or performance-based means.

g. Students may have an appeals process available should their proposed alternative learning plan be denied by the district.

h. Credits earned through this alternative means will be reflected on students’ transcripts in the same way as traditional credits.
Dropping a Class

Students are permitted to drop a class only upon the recommendation of the teacher and with the approval of the guidance counselor and/or principal. Dropping a class after the 5th week of the course will result in taking an “F” for the year and a zero will be averaged into the cumulative grade point average.

Semester Exams

The high school operates on a special exam schedule at the end of each semester. All courses in high school require students to take semester exams that count as 1/5 of the semester average.

College Admission Requirements

Four Year College

The Ohio Board of Regents has established the following core of subjects for admission into state supported universities. This core should be the minimum college preparatory program.

- English: 4 credits
- Social Studies: 3 credits
- Math: 4 credits (Algebra I & II, Geometry)
- Science: 3 credits from Physical Science, Life Science/Biology, Advanced Science
- Foreign Language: 2 credits of the same language
- Fine Arts: 1 credit

Two-Year College

The requirements at the various two-year colleges vary depending upon the program that a student chooses.

College Admission Testing

ACT’s and SAT’s are universal yardsticks that colleges use in their admissions process. The following is a recommended schedule.

10th Grade
College bound sophomores should take the PLAN in the fall. [QUESTION: Do we/should we be offering this on site for all sophomores? Would it be a good starting point for ACT to predict scores, find gaps/problem areas, and have kids start setting goals for themselves for the ACT?]

11th Grade
It is state mandated that all juniors take the ACT in the spring.
12th Grade
College bound seniors may want to retake the ACT or the SAT in the fall.

**Athletic/Extracurricular Eligibility**

The following requirements apply to all students wanting to participate in any interscholastic athletic team or in any extracurricular activity in order to be eligible.

1. Must have received passing grades in a minimum of five, one-credit courses, or the equivalent, which count toward graduation in the immediately preceding grading period.
2. Must maintain a minimum grade point average of 1.67 in the immediately preceding grading period.

It is the responsibility of students enrolled in College Credit Plus programs to communicate with the Guidance and Athletic Departments of any changes in their college schedules.
2018 DIVISION II NEW ACADEMIC REQUIREMENTS

College-bound student-athletes first enrolling at an NCAA Division II school on or after Aug. 1, 2018, need to meet new academic rules to practice, compete and receive athletics scholarships during their first year.

Core-Course Requirement
Complete 16 core courses in the following areas:

- ENGLISH 3 years
- MATH (Algebra I or higher) 2 years
- NATURAL/PHYSICAL SCIENCE (Including one year of lab if offered) 2 years
- ADDITIONAL (English, math, or natural/physical science) 3 years
- SOCIAL SCIENCE 2 years
- ADDITIONAL COURSES (Any area listed to the left: foreign language or comparative religion/philosophy) 4 years

Full Qualifier
- Complete 16 core courses.
- Earn a core-course GPA of at least 2.200.
- Earn the ACT/SAT score matching your core-course GPA on the Division II full qualifier sliding scale (see back page).
- Graduate high school.

Partial Qualifier
- Complete 16 core courses.
- Earn a core-course GPA of at least 2.000.
- Earn the ACT/SAT score matching your core-course GPA on the Division II partial qualifier sliding scale (see back page).
- Graduate high school.

Full Qualifier:
College-bound student-athletes may practice, compete and receive athletics scholarships during their first year of enrollment at an NCAA Division II school.

Partial Qualifier:
College-bound student-athletes may receive athletics scholarships during their first year of enrollment and may practice during their first regular academic term, but may NOT compete during their first year of enrollment.

Nonqualifier:
College-bound student-athletes may not practice, compete or receive athletics scholarships during their first year of enrollment at an NCAA Division II school.

International Students: Please visit ncaa.org/international for information and academic requirements specific to international student-athletes.
Test Scores

If you took the SAT in March 2016 or after, and plan to attend an NCAA Division II college or university in the 2018-19 or 2019-20 academic years, use the following chart to identify the core-course GPA you need to meet NCAA Division II requirements.

A combined SAT score is calculated by adding reading and math sub-scores. An ACT sum score is calculated by adding English, math, reading, and science sub-scores. You may take the SAT or ACT an unlimited number of times before entering full-time in college. If you take other tests more than once, the best sub-scores from each test are used for the academic certification process.

For more information on the SAT, click here to visit the College Board’s website.

### Division II Full Qualifier Sliding Scale

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### Division II Partial Qualifier Sliding Scale

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*Final concordance research between the new SAT and ACT is ongoing.

NCAA is a trademark of the National Collegiate Athletic Association.
DIVISION I ACADEMIC REQUIREMENTS

College-bound student-athletes will need to meet the following academic requirements to practice, receive athletics scholarships, and/or compete during their first year.

Core-Course Requirement

Complete 16 core courses in the following areas:

- **ENGLISH**: 4 years
- **MATH (Mathematical or higher)**: 3 years
- **NATURAL/PHYSICAL SCIENCE (Including one year of lab, if offered)**: 2 years
- **ADDITIONAL (English, math, or natural/physical science)**: 1 year
- **SOCIAL SCIENCE**: 2 years
- **ADDITIONAL COURSES (Any completed in the fields of foreign language or comparative religion/philosophy)**: 4 years

Full Qualifier

- Complete 16 core courses.
- Ten of the 16 core courses must be completed before the seventh semester (senior year) of high school.
- Seven of the 10 core courses must be in English, math or natural/physical science.
- Earn a core-course GPA of at least 2.300.
- Earn the ACT/SAT score matching your core-course GPA on the Division I sliding scale (see back page).
- Graduate high school.

Academic Redshirt

- Complete 16 core courses.
- Earn a core-course GPA of at least 2.000.
- Earn the ACT/SAT score matching your core-course GPA on the Division I sliding scale (see back page).
- Graduate high school.

Full Qualifier:

College-bound student-athletes may practice, compete and receive athletics scholarships during their first year of enrollment at an NCAA Division I school.

Academic Redshirt:

College-bound student-athletes may receive athletics scholarships during their first year of enrollment and may practice during their first regular academic term, but may NOT compete during their first year of enrollment.

Nonqualifier:

College-bound student-athletes cannot practice, receive athletics scholarships or compete during their first year of enrollment at an NCAA Division I school.

International Students: Please visit ncaa.org/international for information and academic requirements specific to international student-athletes.
Test Scores

When a student registers for the SAT or ACT, he or she can use the NCAA Eligibility Center code of 9999, so his or her scores are sent directly to the NCAA Eligibility Center from the testing agency. Test scores on transcripts will NOT be used in his or her academic certification.

A combined SAT score is calculated by adding reading and math subscores. An ACT sum score is calculated by adding English, math, reading, and science subscores. A student may take the SAT or ACT an unlimited number of times before he or she enrols full time in college. If a student takes both tests more than once, the best subscores from each test are used for the academic certification process.

If you took the SAT in March 2016 or after, and plan to attend an NCAA Division I college or university in the 2016-17 or 2017-18 academic years, use the following charts to understand the core course GPA you need to meet NCAA Division I requirements.

For more information on the SAT, click here to visit the College Board’s website.

<table>
<thead>
<tr>
<th>Core GPA</th>
<th>New SAT*</th>
<th>Old SAT (Prior to 3/2016)</th>
<th>ACT Sum</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.550</td>
<td>400</td>
<td>400</td>
<td>37</td>
</tr>
<tr>
<td>3.525</td>
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</tr>
<tr>
<td>3.500</td>
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<tr>
<td>3.475</td>
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<td>40</td>
</tr>
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<td>3.450</td>
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<td>470</td>
<td>460</td>
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<tr>
<td>3.400</td>
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<td>3.375</td>
<td>500</td>
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<td>3.350</td>
<td>520</td>
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<td>43</td>
</tr>
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<td>3.325</td>
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<td>44</td>
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<td>3.300</td>
<td>550</td>
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<td>44</td>
</tr>
<tr>
<td>3.275</td>
<td>560</td>
<td>510</td>
<td>45</td>
</tr>
<tr>
<td>3.250</td>
<td>580</td>
<td>520</td>
<td>45</td>
</tr>
<tr>
<td>3.225</td>
<td>590</td>
<td>530</td>
<td>46</td>
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<tr>
<td>3.200</td>
<td>600</td>
<td>540</td>
<td>47</td>
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<tr>
<td>3.175</td>
<td>620</td>
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</tr>
<tr>
<td>3.150</td>
<td>630</td>
<td>560</td>
<td>48</td>
</tr>
<tr>
<td>3.125</td>
<td>650</td>
<td>570</td>
<td>49</td>
</tr>
<tr>
<td>3.100</td>
<td>660</td>
<td>580</td>
<td>49</td>
</tr>
<tr>
<td>3.075</td>
<td>680</td>
<td>590</td>
<td>50</td>
</tr>
<tr>
<td>3.050</td>
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</tr>
<tr>
<td>3.025</td>
<td>710</td>
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</tr>
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<td>2.900</td>
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<td>2.775</td>
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<table>
<thead>
<tr>
<th>Core GPA</th>
<th>New SAT*</th>
<th>Old SAT (Prior to 3/2016)</th>
<th>ACT Sum</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.750</td>
<td>810</td>
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<td>59</td>
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<td>2.725</td>
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<td>2.700</td>
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<td>740</td>
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</tr>
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<td>2.675</td>
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</tr>
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<td>2.525</td>
<td>890</td>
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<td>67</td>
</tr>
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<td>820</td>
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</tr>
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<tr>
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<td>77</td>
</tr>
<tr>
<td>2.200</td>
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</tr>
<tr>
<td>2.000</td>
<td>1100</td>
<td>1020</td>
<td>78</td>
</tr>
</tbody>
</table>

*Final concordance research between the new SAT and ACT is ongoing.

NCAA is a trademark of the National Collegiate Athletic Association.
College Credit Plus

Area Universities partner with school districts throughout Ohio in the College Credit Plus program. College Credit Plus provides high school students the opportunity to earn college credit while completing their high school program. College Credit Plus unifies the Dual enrollment and Post-Secondary Enrollment Option programs creating a single program under which high school students earn “transcripted high school college credit and college credit at the successful conclusion of that coursework.” The high school students must apply to the university and meet its admission requirements of grade point average and test scores to earn college credit for courses. Please check out the College Credit Plus tab on the Triad website.

There are five distinct ways for students in high school to earn college credit through the College Credit Plus program:

Through Courses on the College Campus
Through online courses provided by the college
Through courses at Triad High School taught by high school faculty who meet the Ohio Board of Regents’ requirements for teaching college level classes.

The Ohio Board of Regents have established a set of courses through the Ohio Transfer Module and Transfer Assurance Guides that ensure classes have equivalent content and are accepted at all public Ohio institutions of higher education.

The following courses are College Credit Plus courses taught at Triad by high school faculty and the universities that awards the college credit. Students may choose to receive high school and college credit for these courses, but may take them for high school credit only when not meeting the college entrance requirements.

The University of Findlay Ohio:

Anatomy and Physiology

Urbana University:

Pre-Calculus
Calculus

A high school student may earn a maximum of thirty (30) college semester hours per year through College Credit Plus, and a total of 120 college semester hours throughout their high school career.

High School students and their parent(s) must attend a mandatory informational meeting about College Credit Plus and have a commitment form on file in the high school guidance office by April 1 in order to participate.

College Credit Plus:
Tuition Reimbursement for failed classes. Students that earn an “F” or withdraw from a class after the withdraw deadline will be required to reimburse the school district the per credit hour cost.
Textbooks:
Textbooks through College Credit Plus are considered property of Triad Local Schools, with the exception of Urbana University students. Once you receive your textbooks, you are to bring them to the school library so that they may be inventoried and "checked out" to the student. These books will be expected to be returned upon completion of the course.

Ohio Hi-Point Joint Vocational School District
Bylaws and Policies

5112- ADMISSION REQUIREMENTS

AGE: Students wishing to enroll must be sixteen (16) years of age by October 1st and must have been in high school for two (2) years.

ATTENDANCE: Absences must not have exceeded thirty-six (36) days during the previous two (2) years (combined total).

CREDITS: Students must have earned at least five (5) credits toward graduation requirements in the following subjects:

<table>
<thead>
<tr>
<th>Subject</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>1 credit</td>
</tr>
<tr>
<td>Social Studies</td>
<td>1 credit</td>
</tr>
<tr>
<td>Science</td>
<td>1 credit</td>
</tr>
<tr>
<td>Physical Ed.</td>
<td>½ credit</td>
</tr>
<tr>
<td>Math</td>
<td>1 credit</td>
</tr>
<tr>
<td>Health</td>
<td>½ credit</td>
</tr>
</tbody>
</table>

CONDITIONAL ENROLLMENT

Students who do not meet the established prerequisites must have a conditional enrollment plan in place that will identify how the student intends to ensure successful completion of the desired vocational program and to ensure high school graduation. The plan might include such things as attendance requirements as well as make-up of deficiency credits through summer school or correspondence courses. This plan must be completed and approved by a District guidance counselor, a District supervisor, the member school counselor, the student and the parent. If the student is unable to meet the conditions set forth in the plan, the review team will meet to decide if the student should return to the member school or be placed in the GED program.
ADMISSION WITH FEWER THAN FIVE (5) CREDITS

Students who have been enrolled for two (2) years of high school and have accumulated fewer than five (5) units or credit may be considered for admission by filing notice with the guidance department by June 15th. This notice shall follow the customary procedures as established within each member school district. The student will be required to participate in vocational assessment prior to the beginning of school. When possible, this assessment will be given before the school term ends in the spring. Following the assessment, a placement conference will be held involving the parent. Placement will be determined as a result of data obtained through the assessment process.

Students having fewer than five (5) units of credit will be considered on a probationary status during the first semester of enrollment. Any student receiving a failing grade in any course, being suspended or expelled, or accruing more than five (5) unexcused absences during either the first or second grading period may cause a review committee consisting of the Ohio Hi-Point director, guidance counselor and member school representative to be convened. The committee will determine the appropriate options of returning to the member school or pursuing the GED/Vocational Track at Ohio Hi-Point. The decision of the review committee shall be put in writing and shall be discussed with the student and parents. This decision shall be final and binding unless appealed to the Superintendent.

A student moving into a member school district after June 15th who wishes to enroll at Ohio Hi-Point but has accrued fewer than five (5) units of credit shall follow the same procedures, but shall undergo assessment and follow-up immediately prior to or during the first week of school.

A student who previously attended Ohio Hi-Point, returned to a member school district and subsequently decided to re-enroll at Ohio Hi-Point shall undergo the assessment procedures as outlined above. This assessment will occur either prior to school opening or during the first two (2) weeks of school.

ENROLLMENT OF IEP STUDENTS

In order to make certain that an IEP student is placed in the most appropriate program and the program in which he/she is most likely to succeed, all IEP students are required to complete a vocational assessment at Ohio Hi-Point’s Career Center prior to placement.

Because placement in one of Ohio Hi-Point’s career-technical programs constitutes a “change of placement” (per Ohio Revised Code and IDEA regulations), no IEP student will be placed without an updated IEP reflecting the change of placement to Ohio Hi-Point Career Center.
R.C. 331.64, 3313.641, 3313.672, 3313.673, 3321.01 et seq., 3323.01
A.C. 3301-35-03(F)
Revised 8/90
Revised 4/25/91
Ohio Hi-Point Programs

School of Business and Administrative Services

Business Administration Technology provides students intensive training in computer operations including developing skills in the Windows XP environment. Students learn to operate Microsoft Word, Excel, Power Point, Access, as well as desktop publishing. Course work also includes operation of the 10-key office calculator and machine transcriber. Business and Office Technology and Medical Office Technology both are under this umbrella.

Administrative Office Specialist, is a one-year program that prepares students for entry level office positions. Students achieve proficiency in Microsoft application software—word processing, database, spreadsheets, presentation, and desktop publishing. Students also become skilled in records management, transcription, and the handling of various office tasks. Students are provided opportunities to obtain MOS and IC-3 certifications.

School of Transportation

Auto Collision Technology introduces skills necessary to restore damaged vehicles. Through the use of modern equipment, students are trained in basic metal straightening, surface preparation and refinishing, as well as automotive welding and detailing.

Automotive Services provides learning experiences in all aspects of attending a service station. Course work entails learning to handle the basic hand tools and shop equipment, wheel rotation, lubrication, tune-up, brakes, automotive welding and paint surface preparation.

Automotive Technology builds a foundation in most auto tech training areas. Students learn all phases of automotive repair, including major and minor engine repair, steering and suspension, brakes, electrical, heating, air conditioning and engine performance. This training meets the requirements of Automotive Service Excellence (ASE).

Diesel Technology encompasses mechanical and electrical repairing, overhauling, troubleshooting, assembly, and spray painting of diesel equipment. The program’s business section focuses on ordering parts, work ticketing, credit and financing, merchandising, sales, and customer relations. Graduate employment opportunities range from sales to service of diesel equipment.

School of Information Technology and Digital Media

Information Technology, the information Technology major is a Tech Prep program. Tech Prep prepares students for advanced standing in college and in high demand careers. Information Technology is a multi-faceted area. Student gain the necessary skills to implement computer systems and software, provide technical assistance, and manage information systems. Students concentrate on the skills needed to acquire certification (A+ Certification and Microsoft Office Specialist) as part of the program.
Printing and Graphic Arts Technology offers challenges for students wishing to develop skills in creating artwork for printed brochures and also develops mechanical talent. Training is available in layout design, typesetting, darkroom photography, and press operation.

School of Construction

Building Maintenance offers specialized training in the maintenance of buildings. Students gain experience in construction, masonry, electricity, plumbing, and housekeeping.

Carpentry provides the necessary skills in design, reading blueprints, estimating, construction framing, interior and exterior finishing. Students gain valuable experience by constructing a house which yields excellent employability opportunities.

Electricity emphasizes assembly, installation and testing of electrical apparatus. Students study equipment and wiring used in heating, lighting power and other electrical systems used in residences, office buildings and factories.

Masonry offers study in brick and cement block laying, prepares students in interpret and relate building codes to actual work setting, finish concrete, study scientific mathematical, and mechanical principles necessary to form sound trade judgments.

Plumbing and Pipefitting is a two year program allowing students to learn all aspects of the plumbing and pipefitting trade. Students will install the plumbing systems in a new house each year as part of their laboratory.

Welding – is a two year program allowing students to learn all aspects of welding.

School of Agricultural and Environmental Science

Animal Management Technology prepares students for careers within the pet industry. Classroom opportunities include identifying species, grooming, maintenance and training numerous varieties of small animals.

Professional Turf and Landscaping offers a unique range of challenges to students who enjoy working outdoors with plants as well as with construction materials. Students in this program will experience the planning, installation, and maintenance required to create both beautiful and functional landscapes.

School of Health & Science

Health Technology provides training in current health care concepts and processes, pharmacology, anatomy and physiology, chemistry, nutrition, human development and communications. Students will be Certified Nurse Assistants at the end of the first year. After completing the associate degree, at a neighboring college, graduates are licensed as registered nurses or technicians in the allied health field (physical therapy assistant, occupational therapy assistant, respiratory therapist, x-ray technician).
Medical Care Services is a one year program under the Health Technology umbrella. After this year a student will be a Certified Nurse Assistant.

**School of Engineering & Architecture**

**Electronics Engineering Technology** will prepare a graduate to enter a 2 year technical college for majors in Electronics Engineering Technology, networking and computer repair or related majors. This College Tech Prep program provides training in AC and DC circuits, amplifiers, integrated circuits, digital circuits and microprocessors.

**Architectural and mechanical design** will prepare graduates to enter a 2 year technical college for majors in fields such as drafting, civil engineering, architecture. After completing the associate degree, graduates are prepared to work as a senior drafter, engineering designer, architect, drafting supervisor, or engineer.

**School of Education**

**Early childhood Education** concentrates on achieving an understanding of child growth and development, nutrition, and human relations by actually working with preschool children and infants in the supervised Career Center Preschool.

**School of Human Services**

**Culinary Arts** provides practical experience through management and operation of the school restaurant. The Sloan Inn Instruction centers on the use and care of commercial equipment and the quality control of food supplies. Employment opportunities include numerous and varied positions in the food service industry.

**Cosmetology** teaches professional salon and spa services. Instruction includes care of hair, scalp, face and nails. Seniors completing 1500 hours of instruction will be eligible to take the State Board of Cosmetology exam.
Course Waiver

If a student wishes to take a course that is not recommended for him/her, or he/she does not meet the prerequisites or requirements, he/she must get a waiver from the guidance counselor to be signed by both student and parent. Without the waiver a student may not sign up for the course.

Physical Education Waiver

If a student wishes to waive his/her physical education requirement of .5 credits or two classes, he/she must participate in two sports seasons, two cheerleading seasons, two seasons of marching band, or a combination of two of the three during one school year or one sports season, one cheerleading season, or one seasons of marching band over two years. If the student is participating over two school years, he/she must have a waiver for each year. The waiver is available from the guidance counselor. The student may not waive the physical education requirement without a waiver on file.
### Comparison of Diplomas with Honors Criteria

**Students need to fulfill all but one of the applicable criteria for the Diploma with Honors.**

<table>
<thead>
<tr>
<th>Subject</th>
<th>International Baccalaureate Diploma with Honors for Classes of 2012 and Beyond</th>
<th>Academic Diploma with Honors for Classes 2011 and Beyond</th>
<th>Career-Technical Diploma with Honors for Classes 2012 and Beyond</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>4 units, plus the two required International Baccalaureate essays</td>
<td>4 units</td>
<td>4 units</td>
</tr>
<tr>
<td>Mathematics</td>
<td>4 units, including Algebra I, Geometry, Algebra II or the equivalent and another higher level course or a four-year sequence of courses that contain equivalent content</td>
<td>4 units, including Algebra I, Geometry, Algebra II or the equivalent and another higher level course or a four-year sequence of courses that contain equivalent content</td>
<td>4 units, including Algebra I, Geometry, Algebra II or the equivalent and another higher level course or a four-year sequence of courses that contain equivalent content</td>
</tr>
<tr>
<td>Science</td>
<td>4 units including biology, chemistry and at least one additional advanced science</td>
<td>4 units, including physics and chemistry</td>
<td>4 units, including two units of advanced science ****</td>
</tr>
<tr>
<td>Social Studies</td>
<td>4 units</td>
<td>4 units</td>
<td>4 units</td>
</tr>
<tr>
<td>Foreign Language</td>
<td>4 units minimum, including at least 2 units in each language studied</td>
<td>3 units (must include no less than 2 units for which credit is sought), i.e., 3 units of one language or 2 units each of two languages</td>
<td>N/A</td>
</tr>
<tr>
<td>Fine Arts</td>
<td>1 unit</td>
<td>1 unit</td>
<td>N/A</td>
</tr>
<tr>
<td>Electives</td>
<td>N/A</td>
<td>N/A</td>
<td>4 units of Career-Technical minimum. Program must lead to an industry recognized credential, apprenticeship, or be part of an articulated career pathway which can lead to post-secondary credit</td>
</tr>
<tr>
<td>Grade Point Average</td>
<td>3.5 on a 4.0 scale</td>
<td>3.5 on a 4.0 scale</td>
<td>3.5 on a 4.0 scale</td>
</tr>
<tr>
<td>ACT/SAT Score (excluding scores from the writing sections) *</td>
<td>27 ACT / 1210 SAT</td>
<td>27 ACT / 1210 SAT</td>
<td>27 ACT / 1210 SAT</td>
</tr>
<tr>
<td>Additional Assessment</td>
<td>Must complete criterion-referenced assessments in a minimum of six academic disciplines</td>
<td>N/A</td>
<td>Achieve proficiency benchmark established for appropriate Ohio Career-Technical Competency Assessment or equivalent</td>
</tr>
</tbody>
</table>

Diploma with Honors requirements pre-suppose the completion of all high school diploma requirements in the Ohio Revised Code including:
- ½ unit physical education**
- ½ unit health
- ½ unit in American history
- ½ unit in government

* Writing sections of either standardized test should not be included in the calculation of this score.

** SB 311 allows school districts to adopt a policy exempting students who participate in interscholastic athletics, marching band or cheerleading for two full seasons or two years of JROTC from the physical education requirement.

*** The International Baccalaureate track to the Honors Diploma requires full completion of all requirements for an IB Diploma Programme including the Theory of Knowledge Course in meta-cognition, the Extended Essay project and the 150 hour Creativity, Action and Service (Service-Learning) requirement. Note: The International Baccalaureate Certificate Program does not qualify for this track to the Diploma with Honors.

**** Advanced science refers to courses in the Ohio Core that are inquiry-based with laboratory experiences and align with the 11/12 grade standards (or above) or with an AP science course, or with the new high school syllabi, or with an entry-level college course (clearly preparing students for a college freshman-level science class, such as anatomy, botany, or astronomy), or contain material above the current OGT level.

Ohio Department of Education  
January 2012
Career Pathway

Freshman Coursework
- Algebra 1
- World History
- English 9
- Physical Science
- Fine Arts (Band, Art, Choir)
- PE - 1 semester
- Health - 1 semester
- Elective - 1 Credit

Sophomore Coursework
- Geometry
- American History
- English 10
- Biology
- PE - 1 semester
- Electives - 2.5 credits

Junior Coursework
- Algebra 2
- Government/Economics
- English 11
- Science choice
- Electives - 3 credit hours - A school to work program may be created for credit with approval from administration

Seniors Coursework
- Math Choice
- English 12
- Electives - 5 credit hours - A school to work program may be created for credit with approval from administration

Agricultural Pathway
Students interested in the Agricultural Field with plans of attending college majoring in Agriculture and/or heading into an agriculture related occupation.

Freshman Coursework
- Algebra 1
- World History
- English 9
- Physical Science
- Fine Arts (Band, Art, Choir)
- PE - 1 semester
- Health - 1 semester
- Ag 1

Sophomore Coursework
- Geometry
- American History
- English 10
- Biology
- PE - 1 semester
- Ag 2
- Elective - 2 semester

Junior Coursework
- Algebra 2
- Government/Economics
- English 11
- Science choice
- Ag 3

- Spanish 1
- Electives - 1 credit hour

Senior Coursework
- Math Choice - College Readiness Math/ Pre-Calculus
- English 12
- Ag 4
- Spanish 2
- Electives - 3 credit hours - which could include an internship in an agricultural related industry that must be pre-approved

College Readiness Pathway
All students that are planning to go college are strongly encouraged to earn an Honors Diploma following this pathway will help to do so.

Freshman Coursework
- Algebra 1/Geometry*
- World History
- English 9
- Physical Science
- Fine Arts (Band, Art, Choir)
- PE - 1 semester
- Health - 1 semester
- Spanish 1

Sophomore Coursework
- Geometry/Algebra 2
- American History
- English 10
- Biology
- PE - 1 semester
- Spanish 2
- Elective - 1.5 credit

Junior Coursework
- Algebra 2/Pre-calculus
- Government/Economics
- English 11
- Chemistry
- Spanish 3
- Electives - 2 credits

Senior Coursework
- Pre-calculus/Calculus
- Psychology - 1 semester
- Sociology - 1 semester
- English 12
- Physics
- Electives - 2 credits

* If Algebra 1 credit was earned in 8th grade students may take Geometry Freshman Year and will adjust from there.
Manufacturing Operations Coursework
This program is intended for two types of students A.) College bound students interested in manufacturing engineering B.) Students interested in working in the manufacturing industry right out of high school.

Freshman Coursework
- Algebra I/Geometry
- World History
- English 9
- Physical Science
- Fine Arts (Band, Art, Choir)
- PE - 1 semester
- Health - 1 semester
- Manufacturing Ops 1
  - Totaling - 6.75 Credit hours

Sophomore Coursework
- Geometry/Algebra 2
- American History
- English 10
- Biology
- PE - 1 semester
- Manufacturing Ops 2
- Spanish 1 (college bound students)
- Electives - 2.5 credits
  - Totaling - 7 credit hours

Junior Coursework
- Algebra 2/Pre-calculus
- Government/Economics
- English 11
- Chemistry/Physics (if you have taken Alg 2)
- Electives - 3 credit hours - an internship or apprenticeship with a manufacturing partner may be created for credit with approval from administration
  - Totaling - 7 credit hours

Senior Coursework
- College Readiness Math/FUEL - Consumer Math/Pre-calculus/Calculus (College Bound)
- English 12
- Manufacturing Ops 3
- Spanish 2 (college bound)
- Physics - (college bound)
- Electives - 2-3 credit hours - an internship or apprenticeship with a manufacturing partner may be created for credit with approval from administration
  - Totaling - 7 credit hour

Supply Chain Management & Logistics Coursework
Program intended for 3 types of students A.) Students with plans of entering college and majoring in business/supply chain management B.) Students interested in entering the military or working with the military in supply chain management C.) Students entering the workforce directly upon graduation

Freshman Coursework
- Algebra I/Geometry
- World History
- English 9
- Physical Science
- Fine Arts (Band, Art, Choir)
- PE - 1 semester
- Health - 1 semester
- Consumer Science & Logistics 1
  - Totaling - 6.75 Credit hours

Sophomore Coursework
- Geometry/Algebra 2
- American History
- English 10
- Biology
- PE - 1 semester
- Consumer Science & Logistics 2
- Spanish 1 (college bound)
- Electives - 2.5 credits
  - Totaling - 6.75 credit hours

Junior Coursework
- Algebra 2/College Readiness Math/Pre-calculus
- Government/Economics
- English 11
- Chemistry
- Consumer Science & Logistics 3
- Spanish 2 (college bound)
- Electives - 1-2 credit hours - internship or apprenticeship within this field for credit with approval from administration
  - Totaling - 7 credit hours

Senior Coursework
- Math Choice
- English 12
- Consumer Science & Logistics 4
- Electives - 4 credit hours - internship or apprenticeship within this field for credit with approval from administration
  - Totaling - 7 credit hours
Arts Pathway
Students interested in the fine arts with plans of pursuing a degree in the fine arts fields in either a 4 year liberal arts college or 2 year vocational school in an arts related degree

Freshman Coursework
- Algebra 1
- World History
- English 9
- Physical Science
- Fine Arts (Band, Art 1, Choir*)
- PE - 1 semester
- Health - 1 semester
- Technology

Sophomore Coursework
- Geometry
- American History
- English 10
- Biology
- PE - 1 semester
- Fine Arts 2nd year (Art, Band, Choir*)
- Spanish 1
- Electives - 2.5 credits

Junior Coursework
- Algebra 2
- Government/Economics
- English 11
- Science choice
- Fine Arts 3rd year
- Spanish 2
- Electives - 1-2 credit hours - internship or apprenticeship for credit with approval from administration

Senior Coursework
- Math Choice
- English 12
- Fine Arts 4th year
- Electives - 4 credit hours - internship or apprenticeship for credit with approval from administration

*Choir students may want to audition for the select choir and take part in yearly musical

Medical Pathway
Intended for students planning to major in the medical field attending a 4 year university (and beyond) or 2 year technical program earning an associate's degree

Freshman Coursework
- Algebra 1/Geometry
- World History
- English 9
- Physical Science
- Fine Arts (Band, Art, Choir)
- PE - 1 semester
- Health - 1 semester
- Technology

Sophomore Coursework
- Geometry/Algebra 2
- American History
- English 10
- Biology
- PE - 1 semester
- Spanish 1
- Electives - 2.5 credits

Junior Coursework
- Algebra 2/Pre-calculus
- Government/Economics
- English 11
- Chemistry
- Spanish 2
- Electives - 3 credit hours

Senior Coursework
- Math Choice
- English 12
- Human Anatomy
- Electives - 4 credit hours
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TRADITIONAL COURSE OFFERINGS

ENGLISH

English 9 – Year Long - 1 credit
Course Code -050001

Course content – This standards-based, freshman English class is a course that prepares students for the AIR English I end-of-course exams through emphasis on both the literal and figurative dimensions of writing and literature. Ohio’s Learning Standards will be assessed through 21st century skills, STAR reading tests, and Mastery Connect data. Readings will include a variety of forms, such as short stories, novels, a Shakespeare play, a graphic novel, notable literary essays, and research articles. Units of study will analyze themes of media literacy, the importance of education, how ideas spread, and the teenage experience both throughout time and around the globe. In addition to reading, there will be a heavy focus on writing. Writing assessments will include, but not be limited to, both short and extended literary analysis, a research report and proposal, argumentative essays, and personal narrative. Students will also work to craft their written voice through daily journals related to topic and theme.

*This course is to be only taken once. If credit is not obtained, then it must be done through Triad High School Virtual Program the following year.

Honors English 9- Year Long 1 credit
Course Code - 050001H
Prerequisite-Signature and recommendation from 8th grade ELA teacher and at least a B average for the year.

Course content - Honors English 9 will be an accelerated course, exploring many of the same material and assignments as English 9, while also expanding into more challenging texts. This course will move at a faster pace, with more focus on discussion-based learning, written expression, and a final capstone portfolio project.

English 10 – Year Long – 1 credit
Course Code -050002
Prerequisite - Successful completion of English 9

Course content – English 10 is an integrated program in which literature, writing, and vocabulary are the focus. Students will study a variety of literary works: novels, plays, non-fiction and short stories. Within the study of literature, students will learn to write various modes of discourse. This will include writing analytical, reflective, argumentative, and informational essays. The study of grammar conventions and vocabulary development are an integral part of the course. Students will exit the course with an understanding of how theme, characterization, and other basic literary techniques work, as well as reasons they are used. A research paper will be included in this course. Tests and assessments such as STAR and end-of-course exams (EOC) are mandatory for this course.
Honors English 10 - Year Long - 1 credit  
Course Code - 050002H  
Prerequisite - Signature and recommendation from English 9 teacher and at least a B average for the year in English 9.

Course content - Honors English is an integrated program in which literature and vocabulary are the focus. Students will study a variety of literary works: novels, plays, non-fiction, and short stories. Within the study of literature, students will learn to write various modes of discourse. This will include writing analytical, reflective, argumentative, and persuasive essays. The study of grammatical conventions and vocabulary development are an integral part of the course. Students will exit the course with an understanding of how theme, characterization, and other basic literacy techniques work, as well as reasons they are used. A research paper will be included into this course. Test and assessments such as STAR and end of course exams (EOC) are mandatory for this course. Honors English 10 will be a more fast paced course, with the opportunity to explore different and more challenging texts. This course will include more projects based learning components, and will see an accelerated course content. EOC Exams and STAR testing will still be incorporated.

Fee -

English 11 - Year Long - 1 credit  
Course Code - 050003  
Prerequisite - Successful completion of English 10

Course content - This course stresses American literature and expository composition. American literature from the colonial era to the modern period will be read and analyzed. Students will focus on learning and using vocabulary in context and will focus writing on analysis of reading materials. An MLA-documented research paper will be assigned during the course. Assessment of student work will reflect the knowledge, skills, and rigor of Ohio’s Learning Standards. The course will also cover career exploration.

Fee -

English 12 - Year Long - 1 credit  
Course Code - 050004  
Prerequisite - Successful completion of English 11

Course content - English 12 is a fast-paced course that stresses British literature from the Anglo-Saxon period to modern era. Students will study the history of the English language and read a variety of influential literary works such as Beowulf, The Canterbury Tales, Macbeth, and Frankenstein. Essays will consist of research, analysis, reflection, and creative writing. Various projects also accompany the readings. Vocabulary development will be a major focus of the course. ACT/SAT practice and prep will be covered, and we will be preparing students for the career world and their next steps after graduation.

Fee -
ENGLISH DEPARTMENT ELECTIVE OFFERINGS

Mystery/Fantasy/Science Fiction – Semester - 1/2 credit  
Course Code - 050303  
Prerequisite: Preference given to students with “C” or better average in your current English Class. If not, you must have your current English teacher sign a waiver form.

Course content – This course is a study of the different literary genres: Mystery, Fantasy, and Science Fiction. Students are expected to read a variety of short stories and novels that reflect each of these genres. In addition to the reading, they will study the basic elements involved that make these genres unique, such as plot, theme, and character development. In addition to the readings, a variety of projects will be assigned ranging from creative writing to presentations to visual representations.  
Fee – There is no set fee for this course. However, access to creative materials in order to complete projects is necessary.

Mythology – Semester - 1/2 credit  
Course Code - 050304  
Prerequisite: Preference given to students with “C” or better average in your current English Class. If not, you must have your current English teacher sign a waiver form.

Course content – The course is an overview of some of the most influential mythologies of the world. The course begins with a heavy focus on Greek and Roman Mythology. Some attention will be then given to other mythologies such as Norse, Egyptian, Mesopotamian, Aztec and Mayan, and Native American. The primary characters, their powers, roles, and relationships will be examined closely. While the course includes a fascinating overview of ancient cultures, the amount of knowledge presented can be overwhelming. In addition to thoroughly recognizing the information, projects will be assigned that range from presentations to artistic representations.  
Fee – There is no set fee for this course, however, students are required to have access to the books The Lightning Thief from the Percy Jackson & The Olympians Series. The books can either be purchased or reserved from a library; either method is fine as long as students have access to it the entire time it is needed for class.
NON-CORE ELECTIVES

Yearbook - Year Long – 1 credit
Course Code -050010
Prerequisite- Advisor approval

The Triad Cardinal yearbook will be created during this class. Activities will include selling ads, selling yearbooks, taking pictures, writing copy and designing pages. Selected students will serve as Editor, Business Manager and Section Editors. You must fill out an application form and be accepted in the class before signing up. Class size is limited. Grade is Pass/Fail. (You do not have to be in the class to be a yearbook photographer. See instructor for details) This course does not count towards the 4 required English credits.

Reading and Writing Poetry – Semester- ½ credit
Course Code -050338
Prerequisite- Priority given to students with “B” average or higher in the previous English class and/or instructor signature; sincere interest in studying and writing poetry. Preference given to Juniors or Seniors.

Course content - In this course, students will both write and read poetry, exploring a variety of poems and poetic techniques, including imagery, metaphor, line, stanza, rhythm, and tone. Students will also examine a number of poetic traditions of American and British poets. Through peer critique, students will respond closely to the work of classmates in a supportive workshop environment. A look at the similarities of writing poetry and song writing will also be included.

Creative Writing – Semester- ½ credit
Course Code - 505001

Course content – Gain skills in expressing ourselves with originality, creativity, and clarity in stories, poetry, and personal essays. Identify the successful elements of an effective piece of creative writing. Experience being in a writing community and learn to give and receive useful feedback. Experience writing as a tool for intellectual exploration, self-discovery, and creative expression. (The rewards of this process will encourage you to be writers-for-life, whether or not you choose creative writing as a career.)
VISUAL ARTS

Art 1 – Year long – 1 credit
Course Code -020001

Course Content – This class gives students the opportunity to explore both two and three dimensional art mediums. Students will learn basic skills in drawing while creating projects involving ceramics, water color, sculpture, pastel, relief printing and colored pencil. The main emphasis will be the development of drawing skills and visual interpretation. Students will learn about three historical periods that impacted the history and advancement of art while gaining a new vocabulary. They will examine techniques used to critique art in order to develop their aesthetic knowledge. Students should emerge from this course with a more rounded understanding of art in society. This is the first level art class and must be a prerequisite to any other art classes.
Fee – $35.00

Art 2 – Year long- 1 credit
Course Code – 020002

Prerequisite – Art 1

Course Content – Art level 2 is for the student who is very enthusiastic about art and seek further exploration of visual art mediums. This course places great emphasis on the development and enhancement of drawing skills. Students will develop visual acuteness, discipline, and technique. Art 2 students will be urged to demonstrate more idealizations with their subjects, demonstrating greater use of the imagination. It is desired that they will reach a level of developmental maturity that will allow them to see art as an instrument of cultural and social communication. The emphasis is on dry mediums, but this course offers exceptions for students who demonstrate an affinity towards painting and three dimensional exploration. Students will further examine art history, and take time to examine and assess both poor and high quality works of art as they develop their aesthetic knowledge. Students must first complete Art 1 before they will be permitted to take this class.
Fee – $35.00

Art 3/4 – Year Long – 1 credit
Course Code -020003

Prerequisite – Art 1 and 2

Course Content – Art level 3/4 is only for the very serious art student, who may be pursuing a career in the field of art. This career-oriented class was developed to help students develop portfolios for university assessment. The works produced in this class will be placed under greater scrutiny in order to meet the expectation standard for (Art School) acceptance! Students are expected to utilize digital photography in order to attain original subject matter. Works should be heavily refined, idealized with solid harmonics and unity. All students should show a genuine passion for their creations! The students in this class must demonstrate a strong desire to use their imagination without prompting! These students will need to be prepared for open floor criticism by peers and the instructor. They should be both open minded and capable of defending their position demonstrating maturity and discretion. They will not only assess their peers, but they will review professional works as they further develop their own aesthetics. This class can only be taken by students who have received permission from the instructor! This is a class that may extend into two years, offering students the opportunity to develop works that are professional in at least one media. All students will show their works in at least one extra show of prestige (Congressional Art Competitions, Governor Youth Art Show) as well as our Night with the Arts!
Fee - $35.00
FOREIGN LANGUAGE

Spanish I - Year Long - 1 credit
Course Code - 602651

Prerequisite - "C" or better in previous English class and signature form 8th grade language arts teacher is required.

Course content - This class will be conducted mainly in "Spanglish". Students will be engaged in the four major areas of language: speaking, listening, writing, and reading. In this course, students will be exposed to many cultural items and geography. Class time will be spent introducing grammatical concepts, vocabulary, engaging in discussion, drill, conversation, authentic situations and projects. Participation and pair/group interaction is a large component of this course. Students need to be willing to contribute to classroom activities and work collaboratively with others to be successful. Students will be encouraged to speak as much Spanish as possible and will be required to maintain organization of class material throughout the course.

Spanish II - Year Long - 1 credit
Course Code - 602652

Prerequisite - C or better in Spanish 1 and teacher permission will be required.

Course content - This course is for students with an interest in furthering their Spanish and / or fulfilling a foreign language requirement for admission to college. The class is conducted mostly in Spanish and will improve the four language skills. Grammatical concepts are continued, vocabulary is increased and more emphasis is placed on oral skills, reading and writing. Students will further their cultural and geographical knowledge. Participation and pair/group interaction is a large component of this course. Students need to be willing to contribute to classroom activities and work collaboratively with others to be successful. Students will be encouraged to speak as much Spanish as possible and will be required to maintain organization of class material throughout the course.

Spanish III/IV - Year Long - 1 credit
Course Code - 602653

Prerequisite - C or better in Spanish 2 and teacher permission will be required.

Course content- This course is for students with an interest in furthering their Spanish and / or fulfilling a foreign language requirement for admission to college. The class is conducted mostly in Spanish and will improve the four language skills. Grammatical concepts are continued, vocabulary is increased and more emphasis is placed on oral skills, reading and writing. Students will further their cultural and geographical knowledge. Participation and pair/group interaction is a large component of this course. Students need to be willing to contribute to classroom activities and work collaboratively with others to be successful. Students will be encouraged to speak as much Spanish as possible and will be required to maintain organization of class material throughout the course.
Health – Semester - 1/2 credit  
Course Code – 080101  

Course content - This course is required sometime during 9th or 10th grade year for all students. The purpose of the course is to help students develop a better understanding of mental, physical and social health, and establish lifelong positive health habits. Units covered throughout the course include establishing health goals, the physical body, life cycles including sex education, CPR and related first aid, drug and alcohol education, and physical fitness.  
Fee –

**Coed Physical Education - Semester - 1/4 credit -  
Course Code - 080304  
Students are required to take two different courses.  

Prerequisite- Preference will be given to Freshman/Sophomores  

Course content- This course will be offered during the first semester. Activities such as tennis, softball, basketball, cardiovascular fitness, badminton, volleyball, weightlifting and table tennis will be offered.  
Fee -
MATHEMATICS

**Algebra 1** - Year Long - 1 credit  
Course Code - 110303

Course content - This course is designed to include multiple areas of mathematics. You will study communicating mathematics, using measure solving equations, representing data, using coordinates, functions, equations for problem solving, ratios, probability and similarity. The content, skills and rigor of Ohio’s Learning Standards will inform instruction.

Fee -

**Geometry** - Year Long 1 Credit  
Course Code - 110101  
Prerequisite - Algebra 1

Course content - This course will explore the concepts of Geometry. The topics that will be covered are reasoning and proof, parallel and perpendicular lines, congruent triangles, relationships with triangles, quadrilaterals, similarity, right triangles and trigonometry, transformations, area, surface area and volume, and circles. There may be some computer programs used outside of the class to enhance student learning.

Fee -

**Algebra 2** - Year Long - 1 credit  
Course Code - 110307  
Prerequisite - Completion of Algebra 1 and Geometry

Course content: This upper level math course extends and deepens students' mathematical knowledge from Algebra I and introduces new topics. This course will move at a faster pace and cover topics more deeply than in Algebra I. The topics covered by this course include linear functions, quadratic functions, inequalities, polynomials, exponential functions, logarithmic functions, rational functions, trigonometric functions, and probability. This course also focuses on problem solving and critical thinking skills using technology when appropriate. Upon successful completion, students will be prepared for Pre-calculus.

Fee -

**Pre-Calculus** - Year long - 1 credit  
Course Code - 111850  
Prerequisite - Algebra 2 CP and Geometry CP grade of B minimum  
C requires parent waiver

Course content - Pre-Calculus is a calculator-based pre-calculus course. It is a continuation of Algebra II and includes chapters on functions, trigonometry, polar coordinates, systems of equations, permutation, combinations, and probability, with an emphasis on problem solving. Technology (graphing calculators and computers) allows the focus of this course to be on problem solving and exploration, while building a deeper understanding of algebraic techniques. Students may receive college credit from Urbana University. Students will be required to have a graphing calculator (at least a TI 83). Approximate cost is $125.00. College credit can be earned for this class through Urbana University. **Students will be responsible for any tuition over the state maximum.**

Fee
**College Readiness Math**—Year Long—1 credit  Placement by teacher only  
**Course Code** - 110102  
**Prerequisite**—Completion of Algebra II

**Course Content**—The course is designed to meet the high school fourth math course graduation requirement. College Readiness Mathematics focuses on key Algebra and Trigonometry content standards and mathematical practice standards to ensure that students will be ready for post-secondary academic courses and careers in non-math and science fields. The course will revisit and expand the understanding of content standards introduced in earlier mathematics courses and will emphasize numeracy, algebra and functions, geometry, and statistics in a variety of contexts. Topics covered include number systems, linear functions, quadratic functions, polynomial functions, rational functions, radical functions, trigonometry, probability, and statistics.  
**Fee**—

**Calculus**—Year long—1 credit  
**Course Code** - 19930  
**Prerequisite**—B or better in Pre-Calculus and completed 4 years of Math

**Course Content**—This course is designed for the student who has completed Pre-Calculus and is ready for higher mathematics. A brief review of trigonometry and some algebra topics will be included. Also included will be a study of limits, derivative and applications of derivatives. Integral calculus will also be studied. Students may receive college credit. Students are required to have a graphing calculator (at least a TI 83). Approximate cost is $125.00. Any student planning to attend college with a science, engineering, or math major should take this course. College credit can be earned for this class through Urbana University. **Students will be responsible for any tuition over the state maximum.**

**Statistics/Advanced Placement Statistics**—Year long—1 credit  
**Course Code** - 119550

**Prerequisite**—Completion of Algebra II with a B Average or higher or teacher recommendation

**Course Content**—This course introduces students to concepts and tools necessary for collecting, analyzing and drawing conclusions from data. Four main themes are explored throughout the course of the year.  
1. Exploring Data: Describing patterns and departures from patterns.  
2. Sampling and Experimentations: Planning and conducting a study.  
3. Anticipating Patterns: Exploring random phenomena using probability and simulation.  
Within these themes there will be a focus on data distributions, describing relationships, designing studies, probability, sampling distributions, estimating with confidence, comparing populations, and making inferences based on data.
MUSIC

Band – Year long - 1 credit
Course Code - 120501
** Being in high school Band requires students to participate in Marching, Concert, and Pep Band. Jazz Band is optional and separate from high school band.

*Marching Band

Course content - A coeducational performing unit that entertains at football games. The Marching Band participates in many local parades, contests and festivals.

Members are required to attend Band Camp which is held the third week of July each year.

Two weeks prior to the start of school is required for rehearsal before the first game, weekly after school rehearsals also are required.
Fee -

*Concert Band

Performs literature representative of the various periods. Reinforces the technical skills such as tone quality, scales, and the ability to play as a group.

Performs at least three major concerts each school year. Participation in contests and other performing art groups will be considered during the year.
Fee -

*Pep Band

Required activity for all band members. Performs at the basketball games.

*Requirements: Placement within the groups is by audition in both the concert and pep band.

**A student must enroll in band for the full year.
Fee -
**High School Concert Choir** - Year long - 1 credit
Course Code - 120401
Prerequisite - Dedication to singing and performing.

Course content - A coed choir consisting of 9th through 12th grade students. This course will use various types of music, both classical and light in nature, to develop proper singing habits and techniques within the high school singer. While there are at least three required concerts per year, many other opportunities may be scheduled to allow the individual singer more opportunities to practice and develop his/her abilities.
Fee - $10.00

**A student must enroll in choir for the full year.**

**High School Advanced Choir** - Year long - 1 credit
Course Code - 120402
Prerequisite - Audition Only - Permission from choral director

Course content - This choir is an audition only group and needs permission from the choral director to sign up. Students will need to have a good understanding of music notation and how to read notes on a page. Selections will be picked based on voicing availability. This group will be singing more difficult pieces of music and focus primarily on a cappella singing in a pop/contemporary setting as well as traditional choral setting.

Fee -
**Integrated Science** - Year Long - 1 credit (Basic 9th Grade Requirement)
Course Code - 132220
Prerequisite - None

**Course content** - Integrated Science 1 will explore the basic concepts of Earth, Space, and Physical Science. This science course will integrate the standards of Earth and Space Science along with the Physical Science standards, with a strong focus on Chemistry and Physics. This course will build upon knowledge achieved in middle school as well as introduce many new concepts and procedures necessary to be proficient and prepared for the OGT. Each student will be required to keep a science folder containing all notes, lab reports, assignments, and tests.

**Fee** - $20.00

**Honors Integrated Science** - Year Long - 1 credit
Course Code - 132220H
Prerequisite - Students must have maintained a B+ or above throughout their 8th grade year, and be recommended by the 8th grade science teacher.

**Course content** - Honors Integrated Science will explore the basic and advanced concepts of Earth, Space and Physical Science. This science course will not only integrate the standards, with a strong focus on Chemistry and Physics but it will also give the students opportunity for further exploration of those standards through individual research labs, group projects. This course will build upon knowledge achieved in middle school as well as introduce many new concepts and procedures necessary to be proficient and prepared for the end of course exams. Each student will be required to keep a science folder containing all notes, lab reports, assignments, and tests. This course is a student directed course that will require the students to not only gain the concepts, but to push their individual limits and achieve their best. Students will be required to take on a more engaging role in the learning process which will be evaluated in their end of course written report detailing the Ohio Science Standards they have learned throughout the year, and how each of the 37 standards takes place in the real world.

**Fee** - $20.00

**Biology** - Year long - 1 credit
Course Code - 130200
Prerequisite - Passed 9th grade Integrated Science

**Course content** - Biology is generally defined as the study of life. Students will study the basic concepts of Ecology, Biochemistry, Cell Biology, Genetics, Evolution, Microbiology and the Kingdoms of Life. Students are required to maintain a three-ring notebook with notes, assignments, labs, etc. A lab journal (bound notebook) is required for labs. Dissections of owl pellets and frogs are included in the course. Other dissections might be included based on availability. Project Based Learning and smaller projects may be required. Preparation for the Biology End of Course Exam will also be provided

**Fee** - $15.00
Honors Biology - Year long - 1 credit
Course Code - 130200H
Prerequisite- 10th Graders with a B+ or higher in 9th grade Integrated Science and with Mr. Clune's permission.

Course content- Biology is the study of life. Students will study the basic and advanced concepts of Ecology, Biochemistry, Cell Biology, Genetics, Evolution, Microbiology, Animals (Zoology) and Plants (Botany). Honors Biology End of Course Exam preparation will also be included. Students are required to maintain a three-ring notebook with notes, assignments, labs, etc. A lab journal (bound notebook) is required for labs and typed lab reports may be assigned. Dissections of owl pellets and frogs are included in the course (other animals may be dissected at the discretion of the teacher). Projects will be required, but not limited to, on the topics of Ecology, DNA, Genetics, Microbiology, Zoology, and or Botany. This course is a student directed course that will require the students to not only gain the concepts, but to push their individual limits and achieve their best. A capstone project may be required at the end of the course.

Fee- $15.00

Survey Of Biological Science - Year long - 1 credit
Course Code - 130204
Prerequisite- Juniors and Seniors - Teacher Signature

Course content- This is a lab-based science elective course focusing on general knowledge of human anatomy and physiology with the addition of biology topics such as cell biology, genetics, bacteria and viruses, and diseases of the body. Students are required to maintain a three-ring binder with notes, assignments, labs, etc. Dissection is included but not limited to sheep brain, sheep heart, cow eye, and possibly kidney and lung. Cat dissection may be observed and/or performed.

Fee - $25.00

Chemistry - year long - 1 credit
Course Code - 130301
**(Required for College Prep Students)**
Prerequisite – “C” or better, in Biology with teacher signature.

Course content - Chemistry is a lecture-laboratory course, which is college preparatory in nature, dealing with the basic elements. It will cover these properties of the elements: oxidation number, ionic change, boiling and freezing points, bonding activity. It will also cover these characteristics of the compounds formed by these elements: Acidic or basic; solid, liquid or gaseous; and electrical conductivity. There will also be an exploration of common household products to find familiar compounds and elements and to see if their textbook properties hold true. It is recommended that most students will have completed Biology.

Fee - $25.00
Physics – Year long – 1 credit  
Course Code – 130302  

Prerequisite - C or better in Geometry or Algebra 2  
Course content – Traditional Physics is a modeling-laboratory course, which is college preparatory in nature, dealing with the major areas of the physics discipline. Students will be developing a working understanding of not only the mathematical approach to physics, but they will also be developing a sound method of conceptual understanding and application for each area covered. Students will be expected to push their limits of thinking to not only develop new ideas but to also to reflect on past concepts and refine their approach and reinforce their understanding of physics. 

Fee-  

Human Anatomy – Year long- 1 credit at Triad (College Credit Plus optional: 3 credits lecture, 1 credit lab)  
College credit can be earned for this class through the Urbana University.  

Course Code – 130202, 130203  

Prerequisite – Successful completion of Biology- Teacher signature and approval  
Course content- This is an elective course. One credit can be earned at Triad. A total of 4 credits can be earned through College Credit Plus option with the Urbana University. A college application is required along with a GPA of 2.5 and an ACT score of 21 or higher. A grade of C or higher is required to earn college credit at the end of the school year. College credit can be transferred to other Ohio colleges and universities at your discretion. Students will explore and study the structures of the human body and their functions, how the structures interact and how they are affected by outside influences. Students are required to maintain a three-ring notebook with notes, assignments, labs, etc. Cat dissections / fetal pig dissection (based on availability) of the muscles and organs is required first semester. Second semester includes dissection of sheep or calf organs; brain, heart, and eye. Projects will be required, but not limited to, on the topics of the skeletal system, muscular system, nervous system, special senses, cardiovascular system, respiratory system, digestive system, and sleeping patterns. Students will be responsible for any tuition over the state maximum.  
Fee - $46.00 and Lab Book $75.00  

Zoology – Year Long – 1 credit year long  
Course Code – 132222  

Prerequisite – Successful completion of Biology  
Course content – Zoology is a hands-on lecture-lab-project course, which is advanced in nature, dealing with the classification of animal life. It will cover basic classification of kingdoms as well as more advanced classification of the animal kingdom specific. Students will learn animal anatomy, reproduction, diet and habitat. There will be many hands-on opportunities with various dissections of different types of animal species ranging from basic organisms to more advanced ones. There will also be a nine week insect collection project.  
Fee - $40.00
**Geology** - Semester – ½ credit –
Course Code – 130205

Prerequisite – Sophomores, Juniors and Seniors-Preference given to students who have successfully completed Biology.

**Course content** – Geology is an elective course that will focus on the study of planet earth, materials and rocks, earth structure, dynamics, surface features, and phenomenon. Students will have a better understanding of the inner workings of the world we live in.

Fee – 10.00

**Astronomy**- Semester- ½ credit
Course Code – 136500

Prerequisite- Preference given to students that have successfully completed Biology.

**Course content**- Astronomy is an elective course focusing on the study of the vastness beyond our planet earth. Students taking this course will gain an understanding of our solar system, the lifecycle of stars, stellar remnants such as black hole, extra-solar systems, galaxies, and more.
SOCIAL STUDIES

American Studies - Year long - 1 credit Required
Course Code – 150815

Prerequisite-Successful completion of World Studies

Course content- This course will help the student understand the interconnections of social studies by linking the past to the present from an American perspective. The class will begin in the Post-Civil War era to the present day. Class will have a primary focus dealing with the following units: Industrialization, The Progressive Movement, US Imperialism, World War I, Roaring Twenties, Great Depression, World War II, Cold War, Civil Rights Movement, and recent years.

World Studies – Year long- 1 credit- Required for Freshman
Course Code – 150890

Course Content- This course will help you understand the interconnectedness of social studies by linking the past to the present from global perspective. From the Age of Enlightenment and many Revolutions to the forces in Europe and elsewhere that drive the industrialization of much of the world. We will discuss the causes and effects of the two world wars as well as the rise and fall of many of the world’s worst totalitarian dictators. This course will link the Imperialism that tore Africa and Southeast Asia apart to the conflicts in Vietnam and Korea and other former European colonies.

Fee -

American Government and Economy - Year long- 1 credit – required
Course Code – 150301

Prerequisite- Required for all juniors after successful completion of American Studies.

Course content- How the American people govern themselves at national, state, and local levels of government is the basis for this course. This course also explores the economic fundamentals that guide individuals and nations as they make choices about how to use limited resources to satisfy their wants. This course will also provide students with basic knowledge of personal finance skills.

Fee –

16.
Psychology - Semester - ½ credit
Course Code - 150205

Prerequisite -

Course content - In this course we will discuss the broad aspects of the study of our minds-modern psychology. We will study our attitudes, behaviors and the way we learn. Human relations and dealing with stress will also be primary topics. As we move into the workings of the mind, we will look at dreams and altered states of consciousness.

Fee -

Sociology - semester-1/2 credit
Course Code - 151300

Prerequisite-Junior or Senior

Course content - This course deals with people and their cultures as they are linked to each other, the family, and the world. It also looks at the individual as well as the group and family in areas of education, religion, etc.
HIGH POINT CLASS OFFERINGS
AT TRIAD
Agriculture Courses

First Course
Agriculture Food and Natural Resources

Second Course
Animal and Plant Science

Third Course
Animal Science Interest: Livestock Selections, Nutrition and Management Soil/Crop Science Interest: Agronomic Systems

Fourth Course
Business Management For Agricultural and Environmental Systems

Capstone
Agricultural and Environmental Systems Capstone
With Instructor permission
Precision Agriculture Science

Agriculture, Food, and Natural Resources (AFNR)-Year Long- 1 ¼ credits
Course Code: 010105

Prerequisite- Freshman or 1st year Ag students

Course content - This first course in the career field is an introduction to Agricultural and Environmental Systems. Students will be introduced to the scope of the Agricultural and Environmental Systems career field and emerging technologies including precision agriculture. They will examine principles of food science, power technology and bioscience. Students will examine the FFA organization and Supervised Agricultural Experience (SAE) programs. Throughout the course, students will develop communication, leadership and business skills essential to the agriculture industry.

Animal and Plant Science-Year Long-1 ¼ credits
Course Code-010125

Prerequisite-Sophomore-If schedule permits, 1st year ag students may take concurrent with AFNR

Course content - Students will apply knowledge of animal and plant science, including precision agriculture concepts, to the agriculture industry. They will be introduced to the value of production animals relative to the agricultural marketplace. Students will engage in animal classification and selection, body systems, along with animal welfare and behavior in relation to the production of animals. Students will learn principles of plant anatomy and physiology, and the role of nutrition, deficiencies and growing environment on plant production. Throughout the course, business principles and professional skills will be examined.
Livestock Selection, Nutrition and Management – Year Long – 1/14 credits
Course Code-010920

Prerequisite-10,11,12 grades

Course content - Students will identify and apply principles and routine husbandry practices to production animal populations. Topics will include principles of nutrition, feed utilization, animal welfare, selection, management of facilities and herd populations, and precision agriculture. Students will apply knowledge of production animal care to enhance animal growth, selection of breeding stock, and management practices. Throughout the course, students will develop management plans reflecting practices for care and legal compliance.

Agronomic Systems – Year long – 1 ¼ credits
Course Code- 010620

Prerequisite- 11, 12 grade

Course content - Students will apply knowledge and skills, including precision agriculture concepts, required to research, develop, produce and market major agricultural and horticultural crops. Cultural and sustainable production practices will be examined while students apply scientific knowledge of plant development, nutrition and growth regulation. The knowledge and skills needed to manage water, soils, and pests related to agronomic crops will be assessed. Students will employ technological advances, communication, business and management strategies appropriate for the industry.

Business Management for Agricultural and Environmental Systems – Year long – 1 ¼ credits
Course Code – 010115

Prerequisite-11, 12 grades

Course content – Students will examine elements of business, identify organizational structures and apply management skills while developing business plans, financial reports and strategic goals for new ventures or existing businesses. Learners will use marketing concepts to evaluate the marketing environment and develop a marketing plan with marketing channels, product approaches, promotion and pricing strategies. Throughout the course, students will apply concepts of ethics and professionalism while implications of business regulations will be identified.
Agricultural and Environmental Systems Capstone – Year long- 1-4 credits
Course Code- 010190

Prerequisite-11, 12 grades. Students must be enrolled in or have completed Business Management for Agricultural and Environmental Systems

Course content –This course is for juniors and seniors who have a desire to extend their learning in a specialized area of agriculture or related fields. This cooperative education program can be completed through working for an agricultural or related business, establishing and successfully operating an agricultural-related small business, or performing research or other projects decided upon student, instructor and other parties. The student and the instructor will decide what type of project will be selected, the time requirements for the project, and the method of evaluation. All students must have an approved Supervised Agricultural Experience (SAE) for their capstone program. Job Placement and Agribusiness SAE requirements can be fulfilled by hours completed during early release, after school on weekends, or in the summer. Other program requirements, including possible credits earned, will be agreed upon by instructor, student and other parties. Students sign an agreement form with specific rules and regulations that must be followed, and they must maintain records of their capstone program. Students who do not comply with these rules and regulations will not be permitted to continue with their program.
Courses for 2016 Triad Manufacturing Program

**Manufacturing Operations** – Year long – 1 credit
Course Code – 175003

Prerequisite – 9th grade

Course content – Students will learn the production processes applied across manufacturing operations. Students will be able to demonstrate a broad array of technical skills with an emphasis given to quality practices, measurement, maintenance and safety. Students may participate in “SkillsUSA”, which is a career-technical student organization aimed to develop leadership, academic and technology skills in the workplace (some fees apply). Students in this course may earn college credit.

**Computer Integrated Manufacturing** – Year long – 1 credit
Course Code -175006

Prerequisite-10th grade-Manufacturing Operations

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

**CNC/Mills/Lathes**-Year long - 1 credit
Subject Code-176007

Prerequisite: Manufacturing Operations

Course content-In this course students will use computer numerical control (CNC) programming to mill products comprised of, various materials. Students will prepare numerical control programs in positioning system using standard industrial G and M codes. They will program computerized numerical control mills and lathes. Students may participate in “SkillsUSA”, which is a career technical student organization aimed to develop leadership, academic and technology skills in the workplace (some fees apply). Students in this course may earn college credit.
Robotics - Year long-1 credit
Subject Code 175004

Prerequisite: Manufacturing Operations

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

Capstone –
Course Code – 176008

Prerequisite- Senior enrolled in 2nd course with recommendations of Instructor and Guidance Department

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

**Business Foundations** - Year long – 1 credit
Course Code 141000

Prerequisite- 9-12 grade

Course content – This the first of four courses in the new Supply Chain Management Program. You will obtain knowledge and skills in fundamental business activities, including business processes, economics and business relationships. You will use technology to synthesize and share business information and learn employability skills, leadership and communication styles, and how to manage your personal finances.

Have you ever wondered what it takes to purchase military equipment, transport it to a war zone, maintain it, and then sell it when it is no longer needed by the military? Or, do you know what is involved in getting an orange from a grove in California to your table in Ohio? Learning to get the right product to the right people at the right time using the right transportation methods is what Supply Chain Management is all about! As a participant in this new program, you may become a member of DECA, a student organization that attends leadership conferences, participates in community service activities, and competes at local, regional, state, and national levels.

Based on student interest, additional courses will be offered over the next three years related to entrepreneurship, supply chain management, and logistics. Upon completion of all four courses, you will be eligible for college credits and scholarships.
AVIATION OCCUPATIONS – Course Outline

Grimes Field (2-year Program)

<table>
<thead>
<tr>
<th>Ohio Hi-Point Course</th>
<th>ODE Course</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Aviation – A</strong></td>
<td><strong>Aviation 177013</strong></td>
</tr>
<tr>
<td><strong>Aviation – B</strong></td>
<td><strong>Aviation Ground Maintenance 177014</strong></td>
</tr>
<tr>
<td><strong>Aviation – C</strong></td>
<td><strong>Aviation Airframe 177015</strong></td>
</tr>
<tr>
<td><strong>Aviation – D</strong></td>
<td><strong>Airport Management 177020</strong></td>
</tr>
<tr>
<td>Taught 2018-19</td>
<td></td>
</tr>
<tr>
<td>Taught 2017-18/ again in 2019-20</td>
<td></td>
</tr>
</tbody>
</table>

- Same courses taught to both first and second-year students in the Aviation Program during the same year.
- 1-year senior only students will take all four courses each year.

**Aviation Subject Code: 177013**
In this first course, students apply knowledge of aviation theory and navigation to flight performance and planning. Students will apply principles of simple machines and fluid mechanics to aircraft operations. Identification of aircraft engines and airframe related systems will be emphasized. Weather theories and concepts are used to interpret weather-briefing documents. Additionally, students will distinguish among airport environments, and understand rules, regulations, and orders relevant to the airport industry.

**Aviation Airframe Subject Code: 177015**
Students will inspect, repair, and refinish aircraft airframes and external components. Students will rig rotary and fixed-wing aircraft, evaluate and repair sheet metal and nonmetallic structures. Students will form, lay out, bend and join metal airframe components using welding processes, rivets and fasteners. Students will inspect, repair and assemble wooden, metal, aluminum, fiberglass, and composite components. Students will inspect and repair external finishes including surface preparation and refinishing.

**Aviation Ground Maintenance Subject Code: 177014**
Students will apply knowledge of aircraft ground handling safety procedures to aviation maintenance. Students will start, ground operate, service, and secure aircraft. Students will perform aircraft maintenance including detecting, identifying, removal, and treating of various types of corrosion found on ferrous and non-ferrous metals. In addition, students will identify methods of cleaning aircraft and aircraft components. The course content also focuses on developing communication, leadership, human relations and employability skills; and safe, efficient work practices.

**Aviation Airport Management Subject Code: 177020**
Learners will distinguish between controlled and non-towered fields and apply management principles to airport environments. Students will interpret and use weather, Automatic Terminal Information Systems (ATIS), and Traffic Collision Avoidance Systems (TCAS) to control aircraft operations. Students will sequence aircraft approaches and departures with approach control radar. Students will interpret and use airport lighting, navigation principles and avionic communication systems including Very High Frequency (VHF), Ultra-High Frequency (UHF), radio and phraseology.
Triad Opportunity School

Triad provides the opportunity for a student to expand flexibility and independence by being enrolled in online classes from home through the Triad Local School District; however, this opportunity will require a great amount of student responsibility and personal motivation. Students will be required to follow the requirements and guidelines of the Triad Opportunity School.

**Triad Opportunity School Academic Requirements:**
1. Each student will make progress to earn credits towards graduation required by the Triad Local School District and the State of Ohio.
2. Each student will be assigned courses that will meet the diploma requirements as stipulated by the state of Ohio.
3. Each student will be required to meet the Ohio Graduation Standards, as well as any testing requirements deemed necessary by state law.
4. Each student will be expected to follow the rules and regulations listed in the Triad High School Student Handbook.
5. The Triad High School grading scale will be used with online coursework:
   - A+ 100-99; A 98-95; A- 94-93; B+ 92-91; B 90-87; B- 86-85;
   - C+ 84-83; C 82-79; C- 78-77; D+ 76-75; D 74-71; D- 70-66; F 65-0.

**Triad Opportunity School Standards for Productivity:**
1. Each student will earn a minimum of 2.5 credits per semester or 5 credits per year to remain in the Opportunity School. Students who fail to complete a total of 5 credits prior to the end of the school year may be withdrawn from the program and receive an “F” for any incomplete course.
2. Students are expected to meet all pacing and grade standards for each quarter they are in attendance at the Triad Opportunity School.
3. Any student failing to meet the pace and/or grade standards for a quarter may be placed on probation for the next quarter.
4. Any student on probation as a result of the previous quarter and failing to meet the productivity standards during the current quarter may be considered for removal from the Triad Opportunity School.

**Triad Opportunity School Attendance Policy:**
Regular online engagement is critical to academic success. Students are expected to attend the electronic school every day school is open. Excessive absence from logging into the site-based program may result in dismissal from the Triad Opportunity School. Triad High School will have open computer lab and student support and mentoring available for students during school hours. Students enrolled in complete at home online learning will have the opportunity to work on curriculum at Triad when needed.

**Removal from Program**
A student who does not abide by the behavior, attendance, and academic policies of the Triad Opportunity School may be recommended for removal from the program. Removal from the program would require the student to transition back to the traditional setting at Triad High School or to investigate alternative options outside of the Triad Local School District.
**Triad Online Learning Options via FuelEducation**

Triad High School is able to provide online learning options via FuelEducation, an online learning provider contracted by the Triad Local School District.

**Triad Online Virtual Learning in the Traditional Classroom**

Triad provides a blended learning opportunity combining online and traditional classroom settings. This program is intended for students looking for either credit recovery options allowing a student to move through curriculum at their own pace of successful completion or for students looking for an expanded number of elective options than the traditional classroom can provide. Students enrolled as a blended learner within Triad High School will be enrolled in a class located in the media center for support during a specific period of the day. Triad academic standards and grading policies will be adhered to within the FuelEducation virtual learning class.

**FuelEducation Online Learning Options for 2018-2019**

<table>
<thead>
<tr>
<th>Language Arts</th>
<th>AP Offerings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grammar and Composition</td>
<td>English Literature</td>
</tr>
<tr>
<td>Creative Writing</td>
<td>Calculus</td>
</tr>
<tr>
<td>Journalism*</td>
<td>Statistics</td>
</tr>
<tr>
<td>Gothic Literature*</td>
<td>Biology</td>
</tr>
<tr>
<td><strong>Math</strong></td>
<td>Physics</td>
</tr>
<tr>
<td>Consumer Math</td>
<td>Environmental Science</td>
</tr>
<tr>
<td>Personal Finance*</td>
<td>European History</td>
</tr>
<tr>
<td><strong>Science</strong></td>
<td>Psychology</td>
</tr>
<tr>
<td>Environmental Science*</td>
<td>Microeconomics</td>
</tr>
<tr>
<td>Forensic Science*</td>
<td>Macroeconomics</td>
</tr>
<tr>
<td>Astronomy*</td>
<td>World History</td>
</tr>
<tr>
<td>Great Minds in Science*</td>
<td>Spanish Lang/Culture</td>
</tr>
<tr>
<td>Biotechnology*</td>
<td>French Language</td>
</tr>
<tr>
<td>Earth Science</td>
<td>US Government</td>
</tr>
<tr>
<td>Veterinary Science*</td>
<td>Additional Electives</td>
</tr>
<tr>
<td><strong>Social Studies</strong></td>
<td>Art in World Cultures*</td>
</tr>
<tr>
<td>Geography</td>
<td>Skills for Health*</td>
</tr>
<tr>
<td>Anthropology*</td>
<td>Music Appreciation*</td>
</tr>
<tr>
<td>Contemporary World Issues</td>
<td>Sociology</td>
</tr>
<tr>
<td>Psychology*</td>
<td>Digital Photography*</td>
</tr>
<tr>
<td>Archaeology*</td>
<td>Foreign Languages</td>
</tr>
<tr>
<td>History of the Holocaust*</td>
<td>Health Sciences</td>
</tr>
<tr>
<td>Philosophy*</td>
<td>Criminology*</td>
</tr>
<tr>
<td><strong>World Religions</strong></td>
<td>Accounting</td>
</tr>
<tr>
<td><strong>Family/Consumer Sciences</strong></td>
<td>Career Criminal Justice*</td>
</tr>
<tr>
<td>Life Skills*</td>
<td>Intro to Social Media*</td>
</tr>
<tr>
<td>Nutrition and Wellness*</td>
<td>Law and Order/Legal Studies*</td>
</tr>
<tr>
<td>Fashion and Interior Design*</td>
<td>International Business*</td>
</tr>
<tr>
<td>Intro to Culinary Arts*</td>
<td><strong>Hospitality and Tourism</strong></td>
</tr>
<tr>
<td>Real World Parenting*</td>
<td>Sports/Entertainment Marketing*</td>
</tr>
<tr>
<td>Credit Recovery</td>
<td></td>
</tr>
<tr>
<td>Most Core Triad Courses</td>
<td></td>
</tr>
</tbody>
</table>

*Denotes a ½ Credit Course
Triad
High School
Four-year course plan for the College Preparatory Track

The General/Vocational track is designed to help develop those skills necessary for pursuing technical training after high school or to enter the workforce upon graduation. To assist you in planning your high school education in the general/vocational track, you are to use the chart below to indicate your schedule over the next four years. This will provide you with a sense of direction as you plan your program. A copy will be filed in the guidance office when you schedule.

<table>
<thead>
<tr>
<th>Ninth Grade</th>
<th>Credits</th>
<th>Tenth Grade Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 9</td>
<td>1</td>
<td>English 10</td>
</tr>
<tr>
<td>Algebra 1 or Geometry</td>
<td>1</td>
<td>Algebra 2 or Geometry 1</td>
</tr>
<tr>
<td>Science 9</td>
<td>1</td>
<td>Biology</td>
</tr>
<tr>
<td>World Studies</td>
<td>1</td>
<td>American Studies 1</td>
</tr>
<tr>
<td>Health (one class only)</td>
<td>5</td>
<td>Health (one class) .5</td>
</tr>
<tr>
<td>Physical Education</td>
<td>25</td>
<td>Physical Education .25</td>
</tr>
<tr>
<td>Spanish 1</td>
<td>1</td>
<td>Spanish 2</td>
</tr>
<tr>
<td>Fine Arts Credit</td>
<td>1</td>
<td>Electives</td>
</tr>
<tr>
<td>Electives</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Total Credits - 9th Grade**

<table>
<thead>
<tr>
<th>Eleventh Grade</th>
<th>Credits</th>
<th>Twelfth Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 11 CP</td>
<td>1</td>
<td>English 12 CP</td>
</tr>
<tr>
<td>Pre-Calculus</td>
<td>1</td>
<td>Calculus</td>
</tr>
<tr>
<td>Government</td>
<td>5</td>
<td>Government .5</td>
</tr>
<tr>
<td>Economics</td>
<td>5</td>
<td>Economics .5</td>
</tr>
<tr>
<td>Chemistry</td>
<td>1</td>
<td>Physics</td>
</tr>
<tr>
<td>Spanish 3/4</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Financial Literacy</td>
<td>5</td>
<td>Financial Literacy .5</td>
</tr>
<tr>
<td>Electives</td>
<td></td>
<td>Electives</td>
</tr>
</tbody>
</table>

**Total Credits 11th Grade**

<table>
<thead>
<tr>
<th>Total Credits 12th Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Credits 12th Grade</td>
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</table>
Triad High School

Four-year course plan for the Vocational Track

Name ___________________________ Grade NEXT Year ________

The General/Vocational track is designed to help develop those skills necessary for pursuing technical training after high school or to enter the work force upon graduation. To assist you in planning your high school education in the general/vocational track, you are to use the chart below to indicate your schedule over the next four years. This will provide you with a sense of direction as you plan your program. A copy will be filed in the guidance office when you schedule.

<table>
<thead>
<tr>
<th>NINTH GRADE CREDITS</th>
<th>TENTH GRADE CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 9</td>
<td>1</td>
</tr>
<tr>
<td>Algebra 1 or Geometry</td>
<td>1</td>
</tr>
<tr>
<td>Science 9</td>
<td>1</td>
</tr>
<tr>
<td>World Studies</td>
<td>1</td>
</tr>
<tr>
<td>Health (one class only)</td>
<td>.5</td>
</tr>
<tr>
<td>Physical Education</td>
<td>25</td>
</tr>
<tr>
<td>Fine Arts Credit</td>
<td>1</td>
</tr>
<tr>
<td>Electives</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>NINTH GRADE CREDITS</th>
<th>TENTH GRADE CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 10</td>
<td>1</td>
</tr>
<tr>
<td>Algebra 2 or Geometry</td>
<td>1</td>
</tr>
<tr>
<td>Biology</td>
<td>1</td>
</tr>
<tr>
<td>American Studies</td>
<td>1</td>
</tr>
<tr>
<td>Health (one class only)</td>
<td>.5</td>
</tr>
<tr>
<td>Physical Education</td>
<td>25</td>
</tr>
<tr>
<td>Electives</td>
<td></td>
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</table>

Total Credits -9th Grade

Total Credits-10th Grade

<table>
<thead>
<tr>
<th>ELEVENTH GRADE CREDITS</th>
<th>TWELFTH GRADE CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 11</td>
<td>1</td>
</tr>
<tr>
<td>Algebra 2 or other math</td>
<td>1</td>
</tr>
<tr>
<td>Government (only once)</td>
<td>5</td>
</tr>
<tr>
<td>Economics (only once)</td>
<td>5</td>
</tr>
<tr>
<td>Bio, Survey or science elec.</td>
<td>1</td>
</tr>
<tr>
<td>Financial Literacy (one time)</td>
<td>5</td>
</tr>
<tr>
<td>Electives</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ELEVENTH GRADE CREDITS</th>
<th>TWELFTH GRADE CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 12</td>
<td>1</td>
</tr>
<tr>
<td>Math</td>
<td>1</td>
</tr>
<tr>
<td>Government (only once)</td>
<td>.5</td>
</tr>
<tr>
<td>Economics (only once)</td>
<td>.5</td>
</tr>
<tr>
<td>Financial Literacy (one time)</td>
<td>.5</td>
</tr>
<tr>
<td>Electives</td>
<td></td>
</tr>
</tbody>
</table>

OR

Students Enroll in a Vocational Program at Ohio Hi-Point

OR

Students Enroll in a Vocational Ohio Hi-Point

Total Credits 11th Grade

Total Credits 12th Grade