

PLANNING YOUR SCHEDULE

This guide has been prepared to assist you in selecting a program of study at Old Fort High School. The following should be considered when selecting courses:

1. Review the available course selections with your parents.
2. Consider the basic courses that must be taken to meet high school graduation requirements.
3. Be realistic about your ability and aptitude to do various types of work in high school and college.
4. Consider grades earned in the past. For example, students who don't have a "B" average or better in English may have a difficult time in foreign language.
5. Discuss with your teachers the courses they recommend for the following year.
6. Consider interests, needs, and career goals and take courses that will help increase your knowledge in interest areas.

GRADUATION REQUIREMENTS

Since your high school program provides the foundation for post high school activities, it is essential that you approach the selection of courses with serious consideration of what you plan to do after high school. You should select a program that will allow you to prepare for several eventual choices, depending upon your particular interests and abilities and that will allow you to meet basic graduation requirements.

A diploma from Old Fort High School will be granted when a student has met, in full, the requirements for graduation established by the State of Ohio and the Old Fort School Board of Education. The minimum requirement for graduation from Old Fort High School shall be twenty-two (22) credits. The credits must include the following:

English	4 credits
Mathematics	4 credits ¹
Science	3 credits ²
Social Studies	3 credits ³
Health	.5 credit
Physical Education	.5 credit
Fine Arts	1 credit ⁴
Consumer & Personal Finance	.5 credit
Electives	5.5 credits

¹Mathematics credits must include 1 credit of Algebra II or the equivalent of Algebra II.

²Science credits must include 1 credit of physical science, 1 credit of life science, and 1 credit of advanced science study.

³Social studies credits must include 2 credits of global studies (which include ½ credit of American History, ½ credit of World History) and ½ credit of U.S. Government.

⁴Career-technical students are exempt from the fine arts credit.

Students graduating by 2017 must also pass all five areas of the Ohio Graduation Test (OGT).

GRADUATION REQUIREMENTS FOR STUDENTS GRADUATING 2018-BEYOND

These are the new graduation requirements implemented by the Ohio Department of Education that take effect with the class of 2018. These are students who are entering ninth grade for the first time in the 2014-2015 school year.

Required Courses

The new requirements did not change the current courses or number of course credits that students must complete to be eligible for graduation. Old Fort's required credits remains at 22.

Assessments

In addition to course credits, students will earn points toward graduation on seven end-of-course exams. These exams will replace the Ohio Graduation Tests.

The courses in which students take an end-of-course exam will be: English I and II, algebra I, geometry, physical science or biology, American history and American government. Students can earn from 1-5 points for each exam, based on their performance.

- 5 – Advanced
- 4 – Accelerated
- 3 – Proficient
- 2 – Basic
- 1 – Limited

Students who take physical science, American history or American government as part of College Credit Plus can use their scores from the programs' end-of-course exams in place of the state end-of-course exam scores to accumulate graduation points.

A student who earned high school credit in any of the above courses before July 1, 2015 and a required end-of-course exam was not available automatically will receive a score of three points per course exam toward the total points needed for graduation. Middle school students this year who take one of these courses for high school credit must take the corresponding state end-of-course exam in this school year.

Exam Retakes

Students that score below proficient on an exam may retake it after they receive some extra help on the material. Students that score proficient or higher on an end of course exam can retake exams only if, once they take all the exams, they have not met the minimum graduation points to graduate. In this case, a student can retake any exam after receiving some extra help on the material. The same rules apply to substitute exams, which may be used interchangeably with approved tests.

Graduation Points

With few exceptions, students must accumulate a minimum of 18 points from scores on their end of course exams to become eligible for a diploma.

More Flexibility for Students and Families

Students who do not earn the required number of graduation points can still meet the requirements for a diploma if they earn a remediation-free score on a national college admission test. Old Fort offers the ACT free of charge to all juniors in the spring. This assessment will be given to students free of charge in the fall of their junior year starting with the graduating class of 2018.

Students also can qualify for graduation by earning an approved industry-recognized credential and achieving a workforce-readiness score on a related job skills assessment and achieving qualifying scores on the Work keys assessment.

COURSE INFORMATION AND REGISTRATION

1. Students will be encouraged to exceed the minimum requirements, especially if their talents, interests, abilities, and future goals indicate it would be in their best interest to do so.
2. All students are required to be enrolled in a minimum of six classes per semester.
3. Students participating in CCP may not earn more than 10 credits per school year, including courses taken in the summer. If a student exceeds that amount, they will be required to pay for the courses.
4. Only four credits in a performance music class may count toward graduation requirements.
5. Certain courses may not be taken unless the student has taken the prerequisite course. It is strongly recommended that the student should have earned at least a "C" or better in the prerequisite course. (See course descriptions for the prerequisite courses).
6. Classification to the next higher grade is based upon the total number of credits earned up to that time.

Grade 9	Completion of Grade 8
Grade 10	5.5 units
Grade 11	11 units
Grade 12	16 units
Graduation	22 units

7. A student will not be classified to a higher grade if he/she does not have sufficient credits.
8. Eighth graders will only be given high school credit for successful completion of Algebra I, Spanish I, and Agriculture, Food & Natural Resources.
9. All elective courses require a minimum number of students in order to be offered.

SUGGESTED COURSES

Suggested courses for Old Fort High School students are listed below. Students should enroll in the suggested courses, **or an equivalent course**, for their grade level. Before choosing an elective, be sure the prerequisite(s) for that course is met. Before making any decision, every student should consult with his/her parents.

FRESHMEN

English 9
Algebra I or Geometry
Physical Science
World History
Physical Education
Fine Arts

SOPHOMORES

English 10
Geometry or Algebra II
Biology
American History
Health
Consumer and Personal Finance
Elective

JUNIORS

English 11
Algebra II or
Trigonometry/Pre-Calculus
Chemistry, Human Anatomy,
Physics, Environmental Sciences
Government
Electives – 2 credits

SENIORS

English 12
Trigonometry/Pre-Calculus, Calculus,
Statistics, or Business Math
Social Studies elective
Electives – 3 credits

RECOMMENDED 4-YEAR COLLEGE PREP CURRICULUM

- 4 credits of English
- 4 credits of Mathematics
- 4 credits of Science
- 3-4 credits of Social Studies
- 3 credits of Foreign Language
- 1 credit of Visual or Performing Arts

EXAMPLE OF 4-YEAR COLLEGE PREP CURRICULUM

FRESHMEN

- English 9
- Algebra I or
Geometry
- Physical Science
- World History
- Physical Education
- Foreign Language
- Fine Arts

SOPHOMORE

- English 10
- Geometry or
Algebra II
- Biology
- American History
- Health
- Foreign Language
- Personal Finance
- Elective

JUNIOR

- English 11
- Algebra II or
Pre-Calculus
- Physics, Chemistry,
or Human Anatomy
- Foreign Language
- Government
- Elective
- Elective

SENIOR

- English 12
- Pre-Calculus, Calculus, or Statis.
- Physics, Chemistry,
or Human Anatomy
- Foreign Language
- Social Studies Elective
- Elective
- Elective
- Elective

REQUIRED 2-YEAR PRE-VANGUARD/SENTINEL CURRICULUM

- 2 credits of English
- 2 credits of Mathematics
- 2 credits of Science
- 2 credits of Social Studies
- .5 credit of Health
- .5 credit of Physical Education
- .5 credit of Consumer & Personal Finance

COLLEGE PREPARATORY DIPLOMA WITH HONORS

The student who completes the college preparatory curriculum must meet **at least seven of the eight** following criteria:

- 4 credits of English
- 4 credits of Math, including Algebra I, Geometry, Algebra II or equivalent, and another higher level math
- 4 credits of Science, including physics and chemistry
- 4 credits of Social Studies
- 3 credits of Foreign Language, including at least 2 credits in each language studied
- 1 credit of Fine Arts
- Maintain an overall high school grade point average of at least a 3.5 on a 4.0 scale
- Obtain a composite score of 27 on the ACT or a 1210 on the SAT

CAREER TECHNICAL DIPLOMA WITH HONORS

The student who completes the career-technical curriculum must meet at least seven of the eight following criteria:

- 4 credits of English
- 4 credits of Math, including Algebra I, Geometry, Algebra II or equivalent, and another higher level math
- 4 credits of Science, including two units of advanced science
- 4 credits of Social Studies
- 4 credits in a Career-Technical Program – program must lead to an industry recognized credential, apprenticeship, or be part of an articulated career pathway which can lead to post-secondary credit
- Maintain an overall high school grade point average of at least a 3.5 on a 4.0 scale
- Obtain a composite score of 27 on the ACT or a 1210 on the SAT
- Achieve proficiency benchmark established for the appropriate Ohio Career-Technical Competency assessment or equivalent.

PLANNING FOR COLLEGE

A college bound student must prepare to meet the requirements of the college they hope to attend. Each college's specific requirements are provided on the college's website. This process should start when the student is a freshman. Colleges will review the following:

1. The courses you took and the grades you earned in grades 9-12 – every course counts!
2. Your ability to successfully do college work.
3. Your scores from the American College Test (ACT) or Scholastic Aptitude Test (SAT).
4. Your class rank.
5. Recommendations from members of the high school staff and others.
6. Your extra-curricular activities, community service, and leadership activities.

TESTING

The **AIR** tests will determine points needed for graduation and partially replace the Ohio Graduation Tests. Ohio has produced state specific examinations for social studies and science. It is often referred to as **AIR**, because of the company that has produced the assessments. These assessments will be given online and these tests will determine graduation points for students.

The **Preliminary Scholastic Aptitude Test/National Merit Scholarship Qualifying Test (PSAT/NMSQT)** is a preliminary test to judge how students may do on a college entrance examination such as the Scholastic Aptitude Test (SAT). The PSAT/NMSQT measures verbal, writing, and mathematical abilities, which are key predictors of college level success. The test is given on a voluntary basis, mainly to juniors, each October. There is a fee for this test.

The **American College Test (ACT)** is a college entrance examination that tests students in English, mathematics, reading, and science reasoning and an optional writing test. Students can sign up for this test at www.act.org. The ACT is given at testing centers in the surrounding area. It is important to plan ahead when taking the ACT. There is a fee for this test. The ACT will be offered once at no cost to students during the spring of their junior year. Remediation free scores on the ACT can qualify a student for one of the three graduation pathways.

The **Scholastic/Aptitude Tests (SAT)** is a college entrance examination that measures a student's verbal, mathematical, and writing aptitude. Students can sign up for this test at www.collegeboard.org - the SAT is given at testing centers in the surrounding area. It is important to plan ahead when taking the SAT. There is a fee for this test. Remediation free scores on the SAT can qualify a student for one of the three graduation pathways.

The **Armed Services Vocational Aptitude Battery (ASVAB)** consists of ten tests covering Word Knowledge, Paragraph Comprehension, Arithmetic Reasoning, Mathematics Knowledge, General Science, Auto and Shop Information, Mechanical Comprehension, Electronics Information, Numerical Operations, and Coding Speed. This test is an excellent tool when evaluating career and college options. Students are also provided with resources to obtain a RAISEC score, which can help students identify areas of interest and the pathways to reach the careers. The ASVAB is given to all juniors at no cost.

NCAA ELIGIBILITY

If you are considering playing Division I or II athletics in college, you must meet the following NCAA core course requirements, register with the NCAA, and meet specific GPA and test score requirements. Please visit http://web1.ncaa.org/ECWR2/NCAA_EMS/NCAA.jsp for more information. Also, your ACT scores must be sent directly from ACT to the NCAA – when you register for the ACT, use NCAA code 9999. Registration is the responsibility of the student athlete.

Division I

4 credits English
3 credits Math (Algebra I or higher)
2 credits Natural/Physical Science
1 credit of additional English, Math
or Natural/Physical Science
2 credits of social science
4 credits of additional courses (from any
area above or foreign language)

Division II

3 credits English
2 credits Math (Algebra I or higher)
2 credits Natural/Physical Science
3 credits of additional English, Math, or
Natural/Physical Science
2 credits of social science
4 credits of additional courses (from any
area above or foreign language)

NAIA ELIGIBILITY

If you are considering playing athletics for a NAIA college, you must register at the NAIA Eligibility Center and meet requirements regarding test scores, GPA, and class rank. Visit www.playnaia.org for more information. Also, your ACT scores must be sent directly from ACT to the NAIA – when you register for the ACT, use NAIA code 9876.

SUMMER SCHOOL AND CORRESPONDENCE COURSES

Students are permitted to take one summer school course and one correspondence course throughout their four years of high school to recover credits they have failed at Old Fort High School (the high school principal may grant permission to take additional summer school courses). Both the original grade and the makeup grade will be placed on a student's permanent record.

SCHEDULE CHANGES

The courses selected in the spring will determine the schedule of classes for the next year. These course selections are binding following verification of course selections except for approved changes. Requests for considerations of a schedule change must be made through the counselor and the principal. We feel that students have a freedom of choice regarding the classes they and their parents select for the coming school year, but once these choices are made, changes will be made **ONLY** according to the following guidelines:

1. **IRRESOLVABLE CONFLICT:** This could be defined as the offering of two courses at the same time.
2. **FAILURE OF A REQUIRED SUBJECT:** This would include subjects that are necessary to meet graduation requirements.
3. **PROCEDURAL ERRORS:** This would be the administrative omission of a class on the student's original course selection form resulting from computer processing or oversight.
4. **SUMMER SCHOOL:** Students in summer school who completed a course that they are scheduled to take in the fall will be permitted to substitute another class for that course only.

Students must contact the guidance counselor by the fifth class day of each semester to apply for a schedule change to semester courses and by the tenth class day of the new school year to apply for a schedule change to year-long courses. The following procedures will be abided:

1. The student will confer with the counselor about the matter and obtain an add/drop slip.
2. The student will confer with his/her parents and obtain the parents' written approval on the drop/add slip.
3. If the school counselor, the principal, the teacher, and the student's parents agree to the change, the change will be permitted by the principal, if such a change is possible.
4. In no case will any change of classes be permitted unless approved by the guidance counselor, the principal, the teacher, and the student's parents.
5. If a student wishes to drop a course without adding a new one, he/she may apply to do so at any time during the semester, but only under the conditions set out above, and the student must continue to be enrolled in six classes per semester. In addition, the following rules will be observed with regard to his/her permanent record and marks assigned to the course being dropped.
 - a. If application to drop a course is made within the five-day (or ten-day) period and permission is given to drop course, no grade will be given.
 - b. If the application is made and the course is dropped after the five-day (or ten-day) period, the teacher of the dropped course will assign a grade of WDP (withdraw passing) or WDF (withdraw failing), and this grade will appear on the report card and the permanent record. None of these marks (WDP or WDF) will be considered in computing scholastic average, honors, and other matters.

CREDIT FLEXIBILITY

Credit flexibility opportunities will be available as provided by the Old Fort Board of Education Policy.

COLLEGE CREDIT PLUS

The College Credit Plus Program enables Old Fort High School Students to enroll full or part-time in non-religious courses at any accepting college, university, or post-secondary institution holding a certificate of authorization to award degrees by the Ohio Board of Regents. Please refer to Old Fort School's policy for detailed information regarding the participation in CCP.

ELIGIBILITY & CONSIDERATIONS

1. Application to, and interest in, this program does not guarantee a student's acceptance to a desired college or university.
2. All Old Fort students, grades 7-12 are afforded the opportunity to apply for acceptance and enroll in courses at any institution approved by the Ohio Board of Regents.
3. Any student wishing to participate, must obtain any and all required counseling, complete the entire application process, and must be accepted by an approved institution.
4. A student is ineligible to participate if he/she is carrying more than 7 high school classes during any one semester.
5. This program allows for students to take summer school classes. The summer term will be considered as the start of the new academic year.
6. Participants are not eligible for college financial aid while in high school.
7. A student's participation in this program does not automatically guarantee full-time admission to any institution.

STUDENT RESPONSIBILITIES

1. Students will abide by all rules and regulations established by the Old Fort Local School District as well as any applicable guidelines provided by the college or university. Students will be subject to consequences for failure to comply with established rules which in turn may affect awarding of credit and/or graduation eligibility.
2. Participation in College Credit Plus does not guarantee post-high school admission to a college or university. Students are still responsible for a typical undergraduate application process.
3. Students are responsible for any information that they may miss due to their participation in off campus coursework. Meeting deadlines is the responsibility of the student.
4. Extracurricular involvement or athletic practice requirements will not be waived due to the participation in CCP. Students are responsible for notifying appropriate advisor or coach if a conflict arises.

ACADEMIC IMPLICATIONS

1. Old Fort will receive and accept grades assigned for courses by the college and those grades will be recorded on the student's permanent academic transcript.
2. Conversion of college credits to high school units will be one high school credit for each college semester hours.
3. All grades and credits earned through CCP participation will be considered when computing honor roll, class ranking, and grade point averages.
4. When computing GPA, credits earned through college courses will be weighted the same as credits earned at Old Fort High School.

TRANSPORTATION

1. Old Fort Local Schools will not provide bussing or any other type of transportation for the purposes of attending courses at a college, university, or trade school.
2. Transportation to and from classes off of the Old Fort High School campus is the responsibility of the student and his/her family.

3. Old Fort Local Schools, encompassing administration, the Board of Education, and any employees assume not liability for damages, injuries, or actions involved with transportation to, from, or during college classes.

SUPPORT SERVICES

1. The high school guidance office will offer support to students while developing pathways for college coursework, maintaining eligibility, and meeting requirements for graduation. Your counselor will provide assistance as needed to complete the application process and answer any questions.
2. As a CCP participants, students will be offered support services and counseling from the college or university. Students will be assigned to a college advisor whom will be responsible for counseling on college programming, scheduling, procedures, and activities.

SCHEDULING

1. Old Fort Schools must be informed on or before April 1, 2017 of a student's intent to participate in the College Credit Plus program. Per Ohio Revised Code, 3365.03, the student and parent must sign and return the College Credit Plus participation forms prior to this April 1st deadline.
2. Students are solely responsible for the application to the college, university, or technical school and not of Old Fort High School.
3. Student schedules may not be changed after the start of the semester to allow for changes in college classes. It is not the responsibility of Old Fort High School to arrange high school schedules to meet college offerings.
4. Students are responsible for and must meet all required deadlines to remain eligible for this program. Please be aware that many of the college and high school deadlines conflict.
5. Students must meet or exceed all admission requirements of the institution. This includes, but is not limited to: special testing, applications fees, and required counseling and/or supervision.
6. No student may take more than 30 semester hours of college credit per school year and may not exceed a total of 120 college semester hours over the course of their secondary education.
7. No high school graduation requirement may be waived for any student as a result of participating in the CCP Program. This is does not include course substitutions.
8. Scheduling conflicts are the student's responsibility.
9. Students must give the counselor a copy of their college class schedules prior to the start of each Old Fort semester.
10. High school counselor may not be available during the summer when colleges may offer registration.
11. Students may elect to take college course(s) during the summer months.

CREDITS, GRADES, & GRADUATION REQUIREMENTS

1. At the end of each term, the perspective college/university/trade school will provide Old Fort with a copy of the student's grades for each course. This grade report will reflect the student's grade, credits earned, and institution specific grade point average. This report will be used to enter grades and credits earned for the student's transcript.
2. The student will not be exempt from meeting the requirements for a high school diploma from the state of Ohio and the requirements set forth by the Old Fort Local School district. Requirements are listed specifically in the course of study book and in the student handbook. Your counselor also keeps a current record of student progress to aid in scheduling. Whether a student chooses Option A or Option B, they will still be subjected to fill all the requirements to earn an Old Fort diploma.

3. In the event that a student does not enroll, drops, or withdraws from a post-secondary class that is required for graduation, high school schedules will not be changed to make up for the missing credits. This could pose an issue for a student's graduation timeline and it is recommended for the student to seek counsel before making one of these decisions.

PROGRAM BENEFITS

1. Expands curriculum available to students.
2. Provides opportunities for students to study "in depth" areas of special interest or need.
3. Allows students to earn college credit while in high school.
4. Provides for financial support for taking college courses for high school credit.
5. Allows students to experience college level work/life.
6. Provides opportunity to begin college programs early.
7. Creates more challenging course work.
8. Exposes students to more social subgroups.
9. Students can experience elements of college that can aid in later academic decisions.

PROGRAM RISKS

1. Increases the student's responsibility for learning.
2. Reduces opportunities for participating in high school activities. Many college and scholarship committees look for active involvement in high school and community activities when making admission and scholarship selections.
3. May limit ability to work part-time.
4. Affects grade point average (both high school and college) and class rank.
5. Increases time for travel, study, and class reports.
6. Social discomfort with age difference.
7. Difference in academic competition.
8. Additional requirements for college courses.
9. Credits may or may not transfer to another institution. The website www.transfer.org can be used as a source to determine what courses will or will not transfer.
10. Some colleges and scholarship committees prefer to see a rigorous high school schedule, with students taking the highest level of courses that the high school has to offer.
11. Full-time post secondary students will not be eligible for Old Fort's Honor Roll recognition during each of the four quarters. (For example, Terra Community College only has two grading periods whereas Old Fort has four.)
12. Not all students in grades 7-12 have the academic and/or social maturity to be successful in this program. As a family, this should be considered before making the decision to apply for this program as to whether the benefits will outweigh the potential negatives.
13. If a student fails a class while in the CCP program, the student and his/her parents may be subjected to paying the cost of the student's participation in the program. Failure of a class may all affect future college acceptances and financial aid opportunities.
14. Not all students in grades 7-12 have the academic and/or social maturity to be successful in this program. As a family, this should be considered before making the decision to apply for this program as to whether the benefits will outweigh the potential negatives.

GRADUATION REQUIREMENTS

All students must meet Old Fort High School Board policy for graduation requirements. In the event that a college class, needed for graduation, goes beyond the commencement date, the student may participate in graduation exercises but will not receive his/her diploma until satisfactory completion of the required class.

COLLEGE CREDIT PLUS PATHWAY REQUIREMENTS

Under the rules of the College Credit Plus Program, schools must develop no less than two pathway opportunities for students with a partnered institution. A College Credit Plus pathway is a grouping of college courses and course sequences that total at least 15 and 30 credit hours. One pathway will represent a plan where a student can earn 15 transcribed credits and another will show a plan to earn 30. A CCP pathway may be organized by a major or career path and/or include various core courses required for a degree or professional certification by the college. Old Fort may partner with more than one college or university and pathways for each institution are available in the guidance office or on the Old Fort Schools website. An example of both a 15 and 30 hour pathway through Terra State Community College is listed below.

Please note, updated and student pathways are in progress in addition to these current pathways as listed below. This provides a sample of a 15 and 30 hour pathway of courses towards the Ohio Transfer Module (OTM) and these pathways will be individualized with student's choices for classes.

15 Credit Hour Pathway

ENG 1050	College Composition I	3
	Math Class	3-5
	Arts & Humanities class	3
	Social Science class	3
	Natural Sciences class	<u>3-5</u>
		15-19 total credit hours

*This 15 credit hour pathway gives students one class per each section of the OTM.

30 Credit Hour Pathway

ENG 1050	College Composition I	3
ENG 1060	College Composition II	3
	Math Class	3
	2 Arts & Humanities classes	6
	2 Social Science classes	6
	2 Natural Science classes	6-10
	Additional OTM class	<u>3</u>
		30-36

*This 30 credit hour pathway could be completed in one year if the student is full time at Terra.

Students may not take more than 30 college credit hours per academic year and, although students may begin taking classes starting in 7th grade, they are not able to take more than 120 total college credit hours while a student at Old Fort Schools.

COST

The CCP program provides tuition free opportunities for students that attend a public university in the state of Ohio, **this is not true for students that choose to participate with a private institution.** Please be advised that there may be incurred charges that vary with institutions, for fees and books. These costs will be made available to students each year when scheduling for classes. No student qualifying as economically disadvantaged will be charged. Non-economically disadvantaged students cannot be charged for classes through public institutions of higher education but will be charged for classes through private institutions, as well as for fees and books through both public or private.

SENTINEL CAREER AND TECHNOLOGY CENTER

The Sentinel Career Center offers the students of Old Fort High School an opportunity to gain knowledge about specific technical areas through hands-on experiences. .

Students interested in the programs offered at Sentinel can obtain applications in the guidance office either during their freshman year (only those interested in the three-year cosmetology program) or during their sophomore year. Sentinel offers the following programs:

- Agriculture Science & Technology
- Automotive Technology
- Building/Construction Trades
- Careers in Education (College Tech Prep)
- Collision Repair Technology
- Cosmetology (three-year program)
- Culinary & Hospitality Management
- Digital Technologies (College Tech Prep)
- Electrical Trades
- Health Careers Academy (College Tech Prep)
- Independent Living
- Precision Machining
- Public Safety
- Sophomore Career Exploration
- STNA (senior only)
- Welding & Fabrication Technology

VANGUARD TECH CENTER

The Vanguard Tech Center offers career and technical training to thousands of students in order for them to gain employment upon graduation from high school and/or to continue their education at the college level. The Vanguard Tech Center prides themselves in providing specialized training in programs through a unique “hands-on” approach to education. Vanguard Tech Center offers the following programs:

- Auto Collision
- Auto Technology
- Building & Grounds
- Business Management
- Carpentry
- CBI 1 (Sophomore)
- Cosmetology
- Criminal Justice (College Tech Prep)
- Culinary Arts
- Design, Engineering & Architecture (College Tech Prep)
- Digital Technologies (College Tech Prep)
- Early Childhood
- Electrical Trades
- Engineering Technologies & Robotics (College Tech Prep)
- Masonry
- Medical Aide
- Medical Careers (College Tech Prep)
- Medical Information Technology
- Welding

2017-18 OLD FORT COURSE OFFERINGS

Agricultural Education

The purpose of the agricultural education program at Old Fort High School is to develop students' knowledge about agriculture and science as it relates to the production of food and fiber. Upon completion of the program, students should have the skills and knowledge necessary to obtain an entry-level position in a direct or related field of agriculture. Also, participation and successful completion of the program should help students who are pursuing post secondary education. Students who become actively involved in the program will have the opportunity to participate in numerous personal development and academically challenging activities. These are offered at the chapter, state, and national level through the National FFA Organization. Membership into the organization is not mandatory but is highly encouraged.

To achieve awards in the FFA organization, active participation within is necessary, in addition to beginning and maintaining a Supervised Agricultural Experience Program (SAE) upon enrollment. Any student who registers for a class taught in the agricultural departments can be an FFA member. Official membership to the organization does require payment that is determined by the state association and is collected in the fall of each year.

Agriculture, Food, and Natural Resources, 010105

Fee Charged

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. They will examine principles of food science, natural resource management, animal science & management, plant & horticultural science, power technology, and bioscience. Students will examine the FFA organization. Throughout the course, students will develop communication, leadership, and business skills essential to the agriculture industry.

Two Semesters – ½ credit each semester

Grades 9-12

Greenhouse and Nursery Management, 010610

Fee Charged

This course will explore the operational practices needed for the successful growth of nursery stock and/or greenhouse plants. They will learn essential greenhouse practices including water and fertilizer distribution, lighting, ventilation and temperature control. Students will learn pest and disease identification and control along with bio-security practices. Students will demonstrate knowledge of propagation methods, plant health, nutrition, and growth stimulation. Throughout this course, business and employability skills will be emphasized. This course is intended for students with an interest in business, plants, and greenhouse operation.

Two semesters – ½ credit each semester

Grades 11-12

Animal and Plant Science

Fee Charged

Students will apply knowledge of animal and plant science to the agriculture industry. They will be introduced to the value of production animals relative to the agricultural marketplace. Students will engage in animal classification and selection, body systems, along with animal welfare and behavior in relation to the 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.

Two semesters – ½ credit each semester

Grades 10-12

Global Economics and Food Markets, 010130

Fee Charged

Students will examine economic principles related to agriculture, food, and natural resources along with the operation and used of commodity futures and option markets. Students will learn economic principles with emphasis on their application to the solution of agricultural industry problems. They will examine future exchanges and commodity futures contracts, hedging strategies, as well as put and call options. Throughout the course, students will become familiar with the causes and consequences of economic growth, globalization and development.

Two semesters – ½ credit each semester

Grades 11-12

Art

Art I – Introduction to Art, 1000A/B

Fee Charged

Students will be introduced to the fundamentals of art. Students will explore drawing, painting, art careers, and art history. A variety of media will be explored. Students will gain a greater appreciation of the visual arts through critiques. Art I grades are based on effort, creativity, and objectives met.

Two Semesters – ½ credit each semester

Advanced Art

Art II – 1001A/B, Art III – 1002A/B, Art IV – 1003A/B

Fee Charged

Students will gain a greater understanding of art through the elements and principles of art. Students will generate ideas for drawing, painting, printmaking, and sculpture. Sketchbooks are mandatory. Both two-dimensional and three-dimensional art forms will be explored. Students will critique and analyze their own artwork and that of others. In Senior Art, students will develop a portfolio. Advanced Art grades are based on effort, creativity, objectives met, and skill based on art level.

Two Semesters – ½ credit each semester

2D Foundations in Art, ART1110**

This course will provide laboratory experience applying color theory and the elements of art, while giving the students the opportunity to gain experience in designing these principles on a flat surface.

One Semester – 1 Old Fort credit &
3 Terra CC semester hours

Grades 9-12
The student must be accepted Terra State Community College and meet the institution’s requisite qualifications.

3D Foundations in Art, ART1120**

Basic concepts of 3-D art and design are investigated via problem solving projects dealing with the organization of space and form using a variety of materials, processes, and tools.

One Semester –1 Old Fort credit &
3 Terra CC semester hours

Grades 9-12
The student must be accepted Terra State Community College and meet the institution’s requisite qualifications.

Business & Technology

Consumer and Personal Finance, 1000A/B

Fee Charged

In this introductory finance course, students learn basic principles of economics and best practices for managing their own finances. Students learn core skills in creating budgets, developing long-term financial plans to meet their goals, and making responsible choices about income and expenses. They gain a deeper understanding of capitalism and other systems so they can better understand their role in the economy of society. Students are inspired by experiences of finance professionals and stories of everyday people and the choices they make to manage their money. The students will cover areas such as money management, borrowing, earning power, investing, financial services, and insurance. Other topics include establishing a good credit rating, employee benefits, tax liabilities, work changes, savings and investing, investment strategies, banking and financial service providers, and how insurance works. This course satisfies the graduation requirement for financial literacy.

One Semester – ½ credit

Grades 10-12

Introduction to Business I

Fee Charged

In this course, students will develop fundamental knowledge and skills in business administration. They will examine business activities, business processes and forms of business ownership. Students will acquire an understanding of economic principles such as supply and demand, division of labor and competition. They will identify current trends, issues and conditions impacting business and determine the impact of the global environment on business operations, innovation, technology, leadership, and communications will also be addressed.

One Semester – ½ credit

Grades 9-12

Introduction to Business II

Fee Charged

The class will focus on an introduction to business at an entry level in which students are introduced to aspects of business. Students will analyze the elements of the business environment and focus of attitudinal and problem-solving skills inherent to success. They will identify current trends, issues, and conditions impacting business and determine the impact on business operations and look at entrepreneurship. Students will develop fundamental knowledge and skill in business administration. They will examine business activities, business processes, and forms of business ownership.

One Semester – ½ credit

Grades 9-12

Introduction to IPAD, 0150

Fee Charged

The introduction of the iPad brought the power and functionality of a full-size computer system into a lightweight, user-intuitive, mobile tablet, and students have since rapidly embraced it to meet computing needs and fill specific niche roles. Participants will learn how to get started with the iPad and discover how this technology can increase engagement, allow access to vast content, and provide the ability to create media with visuals and sound. All aspects of the iPad will be investigated throughout the semester. Goals and objectives of this course will be to: understand the components of the iPad, how to manage and maintain the iPad, to use the iPad's built in apps, to find, install, and use apps, to share files and use cloud-based services, to use the built in camera, manage photos, and videos, how to create audio and video presentations. All software and iPads will be provided.

One Semester – ½ credit

Grades 9-12

Web Page Design, 0120**Fee Charged**

This introductory web design course is designed to give students experience working with the elements and principles of design and apply those principles to web page creation. Through class activities, students will explore related careers, assume leadership roles and practice skills used in the workplace. The students will be working and updating the Old Fort School's website. The students will be working on the Old Fort website using a CMS, (content management system) software package. Class activities are project-based and give students an opportunity to practice art fundamentals while learning technical skills including web design software as well as Photoshop software applications. They will continue to update the webpage and learn how to use all the tools available on the CMS. Students must have the appropriate prerequisite computer fundamentals.

Two Semesters – ½ credit

Grades 10-12

English**English 9, 0200A/B**

Writing skills are developed through creating and organizing compositions in narrative, expository, imaginative, and explanatory styles. Reading skills will be enhanced by the intense study of poetry, short stories, novels, and drama. A journal is also included in this course to sharpen creative writing skills. One of the classics at this level is *Romeo and Juliet*.

Two Semesters – ½ credit each semester

Grade 9

English 10, 0201A/B

Basic writing skills and the writing process are practiced with stress on competence in persuasive writing, narrative writing, and expository writing. An understanding and appreciation of short stories, novels, essays, poetry, and drama is emphasized. Classics at this level include *To Kill A Mockingbird* and *Animal Farm*.

Two Semesters – ½ credit each semester

Grade 10

English 11, 0202A/B

A survey of the literature of the United States is the foundation of the class. Themes and characteristics significant in developing existing U.S. philosophies, beliefs, cultures, and attitudes are stressed. Reading, discussion, and writing skills are expanded in the study of approximately fifty writers. Classics at this level include *The Great Gatsby* and *The Crucible*.

Two Semesters – ½ credit each semester

Grade 11

English 12, 0203A/B

This course focuses on the highlights of British literature from the Anglo-Saxon Period to the 20th century and the advanced literature and writing processes. A research paper including Modern Language Association (MLA) documentation, essays in response to literature, various styles of college-level essays, British novels, and play-acting are included. A field trip to a professional production of a British play may also be included.

Two Semesters – ½ credit each semester

Grade 12

College Writing I – Introduction to Academic Writing, ENGL 104**

Fee Charged

This course emphasizes writing processes appropriate for narrative and expository essays. The course helps students to express their own ideas in lively prose that conforms to conventional standards of style and usage. Some of the writing assignments will require responses to assigned readings, but the focus throughout most of the course remains on each student’s expression of his/her own ideas.

One Semester –1 Old Fort credit &
3 UF semester hours

Grades 9-12
The student must be accepted by the University of Findlay and meet the Reading and Writing testing requisites to qualify for this course.

Literature Appreciation, ENGL 150**

Fee Charged

This is an introductory course which, by focusing on the themes and values of selected works, builds student awareness and appreciation of the nature of literature and the way it “speaks” to life's issues. The course will stress discussion and the development of personal responses to literature.

One Semester – 1 Old Fort credit &
3 UF semester hours

Grades 11-12
The student must be accepted by the University of Findlay and meet the Reading and Writing testing requisites to qualify for this course.

Yearbook I, 0220A/B & Yearbook II, 0221A/B

Yearbook I & II are year-long electives that teach students how to produce and market a school yearbook, which is a historical record of the entire school year. Students will study layout, page design, editing, and photography techniques. There is a strong emphasis on journalism skills: students will be expected to practice and sharpen interviewing and writing skills. Selling ads and yearbooks is a requirement. Yearbook II is a continuation of skill acquisition and application. Senior yearbook students will assume a leadership role in the completion of the publication. This class is an elective; it will not fulfill the junior or senior English requirement.

Two Semesters – ½ credit each semester

Grades 11-12
Prerequisite for YBII –
Successful completion of YBI

Foreign Language

Spanish I, 0600A/B

Fee Charged

The student learns to communicate in the language by listening, speaking, and writing to develop a fundamental vocabulary and grammar foundation. Some knowledge of the history, geography, and culture of Mexico, Spain, and South and Central America is acquired.

Two Semesters – ½ credit each semester

Spanish II, 0601A/B

Fee Charged

The student further develops the skills acquired in first-year Spanish. By the end of the course, the student should have command of enough vocabulary to be able to communicate in the Spanish-speaking Americas. Some additional knowledge of the customs and ideas of Hispanic countries is acquired.

Two Semesters – ½ credit each semester

Prerequisite – Spanish I

Spanish III, 0602A/B

Spanish IV, 0603A/B

Fee Charged

These levels deal with extending the reading ability and improving conversation in the language. Students are exposed to more complex grammar and vocabulary. Exposure to literature is accomplished through reading some short stories.

Two Semesters – ½ credit each semester

Prerequisite – Spanish I and II

Intermediate Spanish I, SPAN2010**

Communicative approach to teach intermediate language used in the four skill areas: listening, speaking, reading, writing (emphasis on composition). This course also includes reading and discussion in Spanish of cultural readings. This course requires the prerequisite of no less than two years of high school Spanish credits. (Fall only)

One Semester – 1 Old Fort credit &
3 BGSU semester hours

Grades 10-12
The student must be accepted by Bowling Green State University and meet requisites to qualify for this course.

Intermediate Spanish II, SPAN2020**

This is continuation of the Intermediate Spanish I course, to include continued work in the four skill areas of: listening, speaking, reading, and writing, with emphasis on composition. This course requires the prerequisite of no less than three years of high school Spanish credits and/or the successful completion of Intermediate Spanish I. (Spring only)

One Semester – 1 Old Fort credit &
3 BGSU semester hours

Grades 10-12
The student must be accepted by Bowling Green State University and meet requisites to qualify for this course.

Health

Health, 0903

The health curriculum is designed to promote student awareness and knowledge in a variety of areas. Students will be introduced to information to help facilitate and promote a healthy lifestyle, Topics such as physical fitness, drugs, tobacco, alcohol, nutrition, decision making, coping with stress, and understanding human body systems will be covered. Requirements for the course will be, but not limited to, homework assignments, quizzes, projects, reports, and tests.

One Semester – ½ credit

Grades 10-11

Nutrition & Wellness, 0910**Fee Charged**

This course is designed to focus on the development of skills needed to select, prepare, and serve food which meets nutritional needs of individuals and families. Emphasis in this course is given to the development of competencies related to nutrition, weight control, the food consumer, the effect of technology on food and nutrition, microwave cookery, kitchen organization and equipment, safety and sanitation, menu planning, serving and eating food, food preparation, eating away from home, and jobs and career opportunities in the field of food and nutrition. Upon completion of this course, students should be able to apply sound nutritional practices that will have a positive effect on their health.

One Semester – ½ credit

Grades 10-12

First Aid & Safety, HPE1020**

This course teaches the fundamentals of personal safety and emergency care for acute injury and illness prior to the arrival of professional assistance. It includes the American Heart Association Healthcare Provider level of Cardiopulmonary Resuscitation.

One Semester – 1 Old Fort credit &
3 Terra CC semester hours

Grades 9-12

The student must be accepted by Terra State
Community College and meet the requisites to
qualify for this course**Math****Algebra I, 0300A/B**

This course is a complete program for the student in his/her first year of formal algebra. It is presented with modern techniques, covers all the basic arithmetic operations with algebraic numbers, and the solving of both linear and quadratic equations.

Two Semesters – ½ credit each semester

Grades 9-12

Geometry, 0304A/B

This course deals with both plain and solid geometry. It is also based on modern concepts. Students learn to reason both inductively and deductively. Plane figures and solids are both studied.

Two Semesters – ½ credit each semester

Prerequisite – Algebra I

Algebra II, 0302A/B

This course reviews some of Algebra I and includes some geometric concepts. Algebraic ideas are studied in detail as are multi-step equations and graphing. Functions, logarithms and probability are introduced.

Two Semesters – ½ credit each semester

Prerequisite – Geometry

Business Math, 0308A/B

This course is designed for students who will not be pursuing college after high school. Topics will cover the mathematics behind estimation, budgeting, taxes, credit, loans, and investments. The class meets the requirement for a fourth math credit under the Ohio Core.

Two Semesters – ½ credit each semester

Prerequisite – Algebra II (Seniors only)

Trigonometry/Pre-Calculus (Advanced Math I), 0306A/B

This course is divided into two segments: one focusing on trigonometry, specifically of angles larger than 90 degrees, and algebraic topics. Graphing trigonometric, rational, and logarithmic functions will be explored. Conic sections will be introduced.

Two Semesters – ½ credit each semester

Prerequisite – Algebra II

Introduction to Calculus (Advanced Math II), 0307A/B

This course reviews some of Algebra II and Pre-Calculus. Graphs and the functions that they come from are studied in detail. Limits, differentiation, and integration are introduced. Also, trigonometry and logarithms are covered in detail. Students who take this class will have a solid foundation for college math course.

Two Semesters – ½ credit each semester

Prerequisite – Trigonometry/Pre-Calculus

College Algebra, MTH2310**

This course is a continuation of algebra; proficiency with basic and intermediate algebra is assumed. Topics include operations and classification of real and complex numbers; set theory; solution of linear, quadratic, and absolute value equations and inequalities; exponential and radical notations and conversion between notations; location of zeroes of polynomials; function notation, domain and range, and operations; synthetic division and remainder theorem of polynomials; definition, evaluation, and operations with exponential and logarithmic functions; evaluation and graphing of functions; and applications. Graphing calculator required.

One Semester –1 Old Fort credit &
3 Terra CC semester hours

Grades 9-12
The student must be accepted by Terra State Community College and meet the requisites to qualify for this course

College Algebra II, MTH1220**

This course is a review of functions and their graphs, linear and quadratic functions, factoring. Polynomial and rational functions. Review of exponents. Exponential and logarithmic functions and their graphs. Systems of equations, theory of equations.

One Semester –1 Old Fort credit &
3 BGSU semester hours

Grades 9-12
The student must be accepted by Bowling Green State University and meet the requisites to qualify for this course
Pre-requisite – 2 years of high school algebra, 1 year geometry and a satisfactory placement exam score.

Introduction to Statistics, MTH1220**

This course is a description of data, binomial and normal distributions, estimation and testing hypotheses for means and proportions.

One Semester –1 Old Fort credit &
3 BGSU semester hours

Grades 9-12
The student must be accepted by Bowling Green State University and meet the requisites to qualify for this course
Pre-requisite – 2 years of high school algebra, 1 year geometry and a satisfactory placement exam score.

Statistics, MTH2010**

This course is an introduction to descriptive and inferential statistics. Topics include calculation of measures of central tendency and dispersion; calculation of event probability; calculations using counting techniques including combinations and permutations; study of binomial, Poisson, and normal probability distributions; study of frequency and relative frequency distributions; population parameter estimation; confidence interval estimation; hypothesis testing; analysis of variation; chi-square analysis; and quality control. Graphing calculator required. Prerequisite: College Algebra, MTH2310.

One Semester –1 Old Fort credit &
3 Terra CC semester hours

Grades 9-12
The student must be accepted by Terra State Community College and meet the requisites to qualify for this course.

Music

High School Instrumental Music (Band), 3000A/B

Fee Charged

Open to any student grades in 9-12 upon approval of the director. Emphasis of the class is to discover and experience a variety of musical styles including traditional and pop music through the use of band instruments. Band rehearses five times a week during the academic year. Members are required to perform at all concerts or events scheduled by the music department.

Instrumental solos, ensembles, music festivals, competitions and clinics may be available to any high school band member. See director for details.

Private and group lessons outside of school time are available. Students may be expected to cover the cost of any lessons not held during regular school hours. See director for details.

Private lessons may be suggested prior to acceptance.

Two Semesters – ½ credit each semester

Prerequisite – Junior high band and/or the ability to show competency on a band instrument. The director shall determine competency.

High School Choral Music, 2000A/B

Fee Charged

Open to any student in grades 9-12 upon approval of director. Chorus meets five times per week for rehearsal. All members are required to perform at all concerts and events scheduled by the Music Department. Emphasis of the class is to use the voice as a medium to experience a variety of choral music including traditional and pop styles.

Solos and Ensembles, Music Festivals and Competitions may be available to any high school choir member. See director for details.

Two Semesters – ½ credit each semester

Prerequisite – Junior high choir and/or the ability to show competency with the voice. The director shall determine competency.

Drama, 2005A/B

This course requires a large amount of in-class participation. The elements of acting, stagecraft, and producing will be the focus throughout the first semester. The second semester will continue with a more in-depth focus on acting, film-making, and production. No experience necessary. Enthusiasm is required.

Two Semesters – ½ credit each semester

Music Appreciation, MUS1010**

This course is a study of history and literature of music from early history through the 20th century. Integrates the study of music history and literature with related art forms and social contexts.

One Semester –1 Old Fort credit &
3 Terra CC semester hours

Grades 9-12
The student must be accepted by Terra State Community College and meet the requisites to qualify for this course

History of Rock & Roll, MUS1130**

This course is designed to develop active listening skills and the ability to discuss and write about music in a historical and social context. No prior technical knowledge of music required.

One Semester –1 Old Fort credit &
3 Terra CC semester hours

Grades 9-12
The student must be accepted by Terra State Community College and meet the requisites to qualify for this course

Physical Education

Physical Education, 0900A/B

Fee Charged for Some Activities

This course is designed to promote a lifetime of physical activity. The class will include a variety of activities to promote competition, sportsmanship, and lifetime activities. The class will include both team and individual activities for students to participate in. Requirements for the course will be, but not limited to, participation, effort, skill evaluation, state standard projects, quizzes, and tests.

Two Semesters – ¼ credit each semester

Advanced Physical Education, 0901

Fee Charged for Some Activities

This course is designed to promote a lifetime of physical activity. This class is student driven with the intent to increase physical activity and to promote muscular strength and endurance. Three days a week students will participate in a regular strength program with the other two days focused on either cardiovascular endurance or team sports. There will be various weight lifting programs selected with an emphasis on individual strength gains. Course can be taken

One Semester – ½ credit

Prerequisite – Physical Education

Sports Psychology & Peak Performance

Fee Charged

This course focuses on skills that will create peak performance both on the athletic surface as well as in life. Students will learn how to focus effectively, create daily routines, set process based goals, become mentally tougher, learn relaxation techniques, and learn what it takes to dominate each day.

One Semester – ½ credit

Prerequisite – Physical Education

Physical Conditioning, HPE1000**

This course includes both an overview of health and physical fitness with an individually designed physical conditioning protocol. Emphasis is upon a well-rounded package of objectives in the areas of body composition, flexibility, dynamic strength and endurance along with basic nutrition information.

One Semester –0.5 Old Fort credit &
1 Terra CC semester hour

Grades 9-12
The student must be accepted by Terra State Community College and meet the requisites to qualify for this course

Science

Physical Science, 0400A/B

Fee Charged

Physical science is a high school level course, which satisfies the Ohio Core science graduation requirements of Ohio Revised Code Section 3313.603. This section of Ohio law requires a three-unit course with inquiry-based laboratory experience that engages students in asking valid scientific questions and gathering and analyzing information.

Physical science introduces students to key concepts and theories that provide a foundation for further study in other sciences and advanced science disciplines. Physical science comprises the systematic study of the physical world as it relates to fundamental concepts about matter, energy, and motion. A unified understanding of phenomena in physical, living, Earth, and space systems is the culmination of all previously learned concepts related to chemistry, physics, and Earth and space science, along with historical perspective and mathematical reasoning. This class is required for all freshmen.

Two Semesters – ½ credit each semester

Grade 9

Biology, 0401 A/B**Fee Charged**

Biology is a high school level course, which satisfies the Ohio Core Science graduation requirements of Ohio Revised Code Section 3313.603. This section of Ohio law requires a three-unit course with inquiry-based laboratory experience that engages students in asking valid scientific questions and gathering and analyzing information.

This course investigates the following:

- Identify questions and concepts that guide scientific investigations;
- Design and conduct [scientific investigations](#)
- Use technology and mathematics to improve investigations and communications;
- Formulate & revise explanations and models using logic and evidence (critical thinking)
- Recognize and analyze explanations and models; and communicate and support a scientific argument.

Two semesters - ½ credit each semester

Grades 10-12

Environmental Science, 0406A/B**Fee Charged**

Environmental Science is an advanced high school level course, which satisfies the Ohio science graduation requirements of Ohio Revised Code Section 3313.603. This section of Ohio law requires inquiry-based laboratory experience that engage students in asking valid scientific questions and gathering and analyzing information. This course includes content found in Ohio's New Learning Standards and Model Curriculum for Science, High School Environmental Science.

Two Semesters – ½ credit each semester

Grades 11-12

Prerequisite – successful completion of Physical Science and Biology.

Chemistry, 0402A/B**Fee Charged**

Chemistry is a high school level course, which satisfies the Ohio Core science graduation requirements of Ohio Revised Code Section 3313.603. This section of Ohio law requires a three-unit course with inquiry-based laboratory experience that engages students in asking valid scientific questions and gathering and analyzing information.

This course introduces students to key concepts and theories that provide a foundation for further study in other sciences as well as advanced science disciplines. Chemistry comprises a systematic study of the *predictive* physical interactions of matter and subsequent events that occur in the natural world. The study of matter through the exploration of classification, its structure, and its interactions is how this course is organized.

Investigations are used to understand and explain the behavior of matter in a variety of inquiry and design scenarios that incorporate scientific reasoning, analysis, communication skills, and real-world applications. An understanding of leading theories and how they have informed current knowledge prepares students with higher order cognitive capabilities of evaluation, prediction, and application.

Two Semesters – ½ credit each semester

Grades 11-12

Prerequisite – Algebra II with a grade of no less than a B or by permission of instructor

Human Anatomy & Physiology, 0403 A/B**Fee Charged**

This course offers an introduction to the structure and function of the human body with emphasis on disorders/health risks within the systems. Special emphasis is placed on skeletal, muscular, nervous, cardiovascular and respiratory systems. Class work includes mammalian dissection with lab practicals.

Two semesters - ½ credit each semester

Prerequisites: B or better in Biology.

Physics, 0405A/B**Fee Charged**

Physics is a high school level course, which satisfies the Ohio Core science graduation requirements of Ohio Revised Code Section 3313.603. This section of Ohio law requires a three-unit course with inquiry-based laboratory experience that engages students in asking valid scientific questions and gathering and analyzing information. Physics elaborates on the study of the key concepts of motion, forces, and energy as they relate to increasingly complex systems and applications that will provide a foundation for further study in science and scientific literacy. Students engage in investigations to understand and explain motion, forces, and energy in a variety of inquiry and design scenarios that incorporate scientific reasoning, analysis, communication skills, and real-world applications.

Two Semesters – 1/2 credit each semester

Grades 11 and 12

Prerequisites – Algebra II and physical science
Corequisite – Trigonometry or by permission of instructor**Introduction to Anatomy and Physiology & Lab, B201a/b******Fee Charged**

This year-long course offers an introduction to the structure and working of the human body with emphasis on how structure makes function possible and disruptions in either leads to disease. Special emphasis will be placed on the musculoskeletal, nervous, cardiovascular, and respiratory systems. The health risks associated with current behavioral and societal issues will be discussed, including drug and alcohol use, smoking, HIV, eating disorders, obesity, heart disease, etc. This also includes a lab component that provides exercises that will reinforce the discussions of the corresponding body system being covered in lecture. Methodology used will include dissection, audiovisual material, and computer software.

Two semesters – 1.33 Old Fort credit &
4 UF semester hours

Grades 9-12

The student must be accepted by the University of Findlay and meet any testing requisites to qualify for dual credit.

Introduction to General Chemistry, CHM101a**

This course is an introduction to the fundamentals of chemistry. Areas of study include: metric measurements, significant figures, the properties of matter, atomic structure, molecular geometry, periodic chart arrangement, chemical bonding, chemical reactions, stoichiometry, equilibrium, kinetics, gas laws, acids and bases, solutions, and nuclear chemistry. (Fall only)

One Semester – 1 Old Fort credit &
3 Terra semester hours

Grades 9-12

The student must be accepted by Terra State Community College and meet requisites to qualify for this course.

Co-requisite – CHM1015a** Lab

Introduction to General Chemistry Lab, CHM1015a**

This laboratory course uses experiments to review and reinforces the theoretical aspects of the lecture topics presented in CHM101a*, Introduction to General Chemistry. (Fall only)

One Semester – .33 Old Fort credit &
1 Terra semester hour

Grades 9-12
The student must be accepted by Terra State Community College and meet requisites to qualify for this course.
Co-requisite – CHM101a**

Introduction to Organic and Biochemistry, CHM102b**

This course is a study of organic chemistry with an emphasis on nomenclature, reaction mechanisms, structure and properties, and the synthesis of both naturally occurring and synthetic polymers. An introduction to the basic concepts of biochemistry. Emphasis will be placed on the major metabolic pathways, mechanisms of enzyme action, bioenergetics and the role of regulatory substances in the human body. Recommended for students of the allied health professions. (Spring only)

One Semester – 1 Old Fort credit &
3 Terra semester hours

Grades 9-12
The student must be accepted by Terra State Community College and meet requisites to qualify for this course.
Pre-requisite – C or better in CHM101 & 1015 or by Chemistry exam placement.
Co-requisite – CHM1025b** Lab

Introduction to Organic and Biochemistry Lab, CHM1025b**

This laboratory course uses experiments to review and reinforce the theoretical aspects of the lecture topics presented in CHM102b**, Intro to Organic and Biochemistry. (Spring only)

One Semester – .33 Old Fort credit &
1 Terra semester hour

Grades 9-12
The student must be accepted by Terra State Community College and meet requisites to qualify for this course.
Co-requisite – CHM102b**

Environment of Life, BIO1010**

This course focuses on basic ecology and current environmental problems of air, water and land pollution; human reproduction and population dynamics. This course includes laboratory experiences.

One Semester – 1 Old Fort credit &
3 BGSU semester hours

Grades 9-12
The student must be accepted by Bowling Green State University and meet requisites to qualify for this course.

Life in the Sea, B1080**

This course explores shore and ocean environments, variety and adaptations of marine life. Observations of marine organisms in marine laboratory. Successful completion of Biology recommended.

One Semester – 1 Old Fort credit &
3 BGSU semester hours

Grades 10-12
The student must be accepted by Bowling Green State University and meet prerequisites to qualify for this course.

Social Studies

World History, 0505A/B

The course is the first of two required social studies courses. Course content will cover World History from the period of Enlightenment to the Cold War. This course is specifically aligned with the Ohio Department of Education’s World History standards.

Two Semesters – ½ credit each semester

Grades 9-12

American History, 0517A/B

The course is the second of two required social studies courses. Course content will cover the Industrialization until the post-Cold War period. This course is specifically aligned with the Ohio Department of Education’s American History standards and prepares them for the PARCC American History examination.

Two Semesters – ½ credit each semester

Grades 10-12

American Government, 0503

Government is a one-semester study of the forms and processes of American Government at local, state and national levels. The student will become familiar with the structure of government and the democratic process it involves, knowledge essential for wise electoral choices. Special projects or papers will be assigned.

One Semester – ½ credit

Grade 11-12

Contemporary World History-World War II, 0520

The course is an intensive study of American involvement in World War II. It includes the European and Pacific theaters. Some videos shown in this class are true in nature and reality.

One Semester – ½ credit

Grades 10-12

Current Events, 0502

Current Events is a course designed to examine up-to-the-moment news items and events using daily news broadcasts and ideas. Special emphasis is on broadening the student’s awareness of our nation and the world. Students will be quizzed on current events every Friday. Special projects will be assigned.

One Semester – ½ credit

Grades 9-12

High School Geography, 0507

The course is designed to expose the students to the physical political boundaries of other countries and peoples that exist outside of the United States. Special emphasis is placed on countries in South America, Europe, Asia, and S.E. Asia. Special projects will be assigned.

One Semester – ½ credit

Grades 9-12

Famous Personalities through the 21st Century, 0501

This course will offer the student in-depth insight into the men and women who, through their contributions, made the world a different place. This class will cover people from all walks of life – politics, business, science, medicine, etc. Students will be required to read two different biographies/autobiographies of famous persons during the semester course. Presentations of biographies will also be required.

One Semester – ½ credit

Grades 11-12

Sociology, 0504

The students will be examining social problems in our world, i.e. norms, values, human development, deviant behavior, crime, prejudice, religion, education, politics, and science. This class will help the student understand the question, “Why do these problems exist?” Students will be required to have a journal for chapter reflection topics discussed in class.

One Semester – ½ credit

Grades 11-12

Psychology, 0525

This course is designed for students who may be interested in learning about the basic concepts of Psychology. This course will include topics such as human development and abnormal psychology.

One Semester – ½ credit

Grades 11-12

Economics, 0506

This course is designed to introduce students to Economics. This course is divided into two parts.

Part 1 Microeconomics will help explain the choices made by individual consumers and producers in the market place and how these choices offer supply and demand.

Part 2 Macroeconomics explains the choices made by the whole economy, i.e. GNP, unemployment, inflation, international trade, and problems of less-developed countries.

One Semester – ½ credit

Grades 11-12

Western Civilization I, HIS1010**

This course will introduce the student to the major trends in the development of Western culture until 1700. An emphasis will be placed on political, economical, social, and religious and cultural achievements. (Fall only)

One Semester –1 Old Fort credit &
3 Terra CC semester hours

Grades 9-12
The student must be accepted by Terra State Community College and meet the requisites to qualify for this course

Western Civilization II, HIS1020**

This course will explore major trend in the development of Western culture emphasizing political, economical, social, and cultural achievements from 1700 to present. (Spring only)

One Semester –1 Old Fort credit &
3 Terra CC semester hours

Grades 9-12
The student must be accepted by Terra State Community College and meet the requisites to qualify for this course

American History I, HIS1050**

This course will introduce the student to selected constitutional, intellectual, political, and social developments that defined and shaped America in the periods between 1700 and 1890. (Fall only)

One Semester –1 Old Fort credit &
3 Terra CC semester hours

Grades 9-12
The student must be accepted by Terra State Community College and meet the requisites to qualify for this course

American History II, HIS1060**

This course will introduce the student to selected constitutional, intellectual, political, and social developments that defined and shaped modern America in the periods between 1890 and 1980's. (Spring only)

One Semester –1 Old Fort credit &
3 Terra CC semester hours

Grades 9-12
The student must be accepted by Terra State Community College and meet the requisites to qualify for this course

World Civilizations, HIS1510**

This course is a comparative study of how and why economic, social, political and intellectual factors shaped and defined the history of selected Western and non-Western civilizations in the ancient and medieval periods. (Fall only)

One Semester –1 Old Fort credit &
3 BGSU semester hours

Grades 9-12
The student must be accepted by Bowling Green State University and meet the requisites to qualify for this course

Modern World, HIS1520**

This course is a comparative study of how and why selected economic, social, political and intellectual revolutions of the modern world have transformed and are shaping contemporary European and non-Western cultures. (Spring only)

One Semester –1 Old Fort credit &
3 BGSU semester hours

Grades 9-12
The student must be accepted by Bowling Green State University and meet the requisites to qualify for this course

Early America, HIS2050**

This course will cover selected constitutional, intellectual, political and social developments that defined and shaped America between its first European settlement and the end of Reconstruction. (Fall only)

One Semester –1 Old Fort credit &
3 BGSU semester hours

Grades 9-12
The student must be accepted by Bowling Green State University and meet the requisites to qualify for this course

Modern America, HIS2060**

This course will cover how and why selected economic, intellectual, political and social developments transformed post-Civil War America and shaped 20th century American society. (Spring only)

One Semester –1 Old Fort credit &
3 BGSU semester hours

Grades 9-12
The student must be accepted by Bowling Green State University and meet the requisites to qualify for this course