

MILLER HIGH SCHOOL

COURSE REGISTRATION HANDBOOK

2018 - 2019

It is important to read these pages before you start your registration. Students and parents should take extreme care choosing classes. The selection of courses should reflect the future goals of the student. The decisions about the selection of courses will be the responsibility of the student and his/her parents. The courses listed are offerings. If there are not enough students enrolled in a course it may then be dropped from the list of course offerings.

For the MHS Classes of 2018 and beyond all students will be required to complete 21 credits to graduate and will be responsible for the Ohio Core Curriculum.

A student may receive a regular diploma if they meet local and state requirements, including state testing requirements for their graduating class. Students may receive an Honors Diploma and/or a State of Ohio Award of Merit for taking more rigorous course loads. For more information on these, see your School Counselor or check the Ohio Department of Education Web page.

GRADUATION REQUIREMENTS

Class of 2018 and beyond

Course	Credits
English	4 credits
Mathematics (1)*	4 credits
Social Studies (4)*	3 credits
Science (3)*	3 credits
Health	½ credit
Physical Education (2)*	½ credit
Fine Art (6)*	1 credit
Electives (5)*	5 credits

*1 Mathematics units must include 1 unit of algebra 2 or the equivalent of algebra 2.

*2 The Ohio Core allows school districts to adopt a policy that would exempt students who participate in interscholastic athletics, band or cheerleading for two full seasons from the physical education requirement. Students must take another course of at least 60 contact hours in its place.

*3 Science units must include 1 unit of physical sciences, 1 unit of life sciences and 1 unit of advanced study in one or more of the following sciences: chemistry, physics, or other physical science; advanced biology or other life science; astronomy, physical geology, or other earth or space science.

*4 Social studies units must include ½ unit of World History, ½ unit of US History, ½ unit of US Government, and ½ unit of Financial Literacy / Economics.

*5 Electives units must include one or any combination of foreign language, fine arts, business, career-technical education, family and consumer sciences, technology, agricultural education or English language arts, mathematics, science or social studies courses not otherwise required.

*6. Students following a career-technical pathway are exempted from the fine arts requirement.

In addition to the core requirements students will be required to complete one of the follow testing options:

Option 1: Ohio End-of-Course Exams

Students must earn a total of 18 points on seven end-of-course exams. Each exam can earn up to 5 points. A minimum of 4 points must be earned between the two math exams, a minimum of 4 points must be earned between the two English exams, and a minimum of 6 points must be earned between the science and history exams.

The End-of-Course Exams are as follows:

- Algebra 1**
- Geometry**
- English 1**
- English 2**
- American History**
- American Government**
- Biology**

Option 2: Industry credential and workforce readiness

Students must earn a minimum of 12 points by receiving a State Board of Education-approved, industry-recognized credential or group of credentials in a single career field and earn a 13 on WorkKeys, a work-readiness test. The state of Ohio will pay one time for the WorkKeys exam.

Option 3: College and career readiness exams

Students can earn the “remediation-free” score on either the ACT or the SAT.

ACT

English – 18 or higher
Math – 22 or higher
Reading – 22 or higher

SAT

Writing – 430 or higher
Math – 520 or higher
Reading – 450 or higher

In the spring of each year, all Southern Local 11th graders will take the ACT free of charge.

GRADE PROMOTION OR ASSIGNMENTS

Students will be assigned to their appropriate grade classification at the end of each year for the following year. The assignment will be based upon the credits earned.

Attendance: Students may lose credits based on the Southern Local district attendance policy please see your student handbook or you can call the District Office for more information.

Assignment to:

- Grade 10 = 4 units of credit**
- Grade 11 = 10 units of credit**
- Grade 12 = 15 units of credit**

GRADE LEVEL COURSE RECOMMENDATIONS

Freshman Recommendations:	Sophomore Recommendations:	Junior Recommendations:	Senior Recommendations:
English 1 Algebra 1 World Studies Physical Science Electives	English 2 Geometry Biology US History Electives	English 3 Algebra 2 Chemistry, or Environmental Science US Government Electives	English 4 Financial Literacy Statistics, Pre-Calculus, Calculus Physiology, Physics, or Chemistry Electives

*Any student that is going to the vocational school, please indicate that choice on the course registration form.

**Any student that is College Credit Plus, please indicate that choice on the course registration form.

ADDITIONAL INFORMATION

A student must be registered for five (5) credits towards graduation. Student athletes must also ensure that the courses they select meet the athletic participation qualifications according to the OHSAA calculations. Students are encouraged to wait until their senior year to take English 12 in order to be prepared for college English.

Southern Local has a credit flexibility policy. Within this policy there are provisions for Educational Options (summer courses, correspondence courses, testing out of a course). With advance planning early graduation is also a possibility. See your School Counselor or Principal concerning these options to earn credit towards graduation. All criteria for credit flexibility must be met before student starts the work.

In no case may a student be issued a diploma until all classes are completed, credits are earned, and graduation requirements met. Student who owe fees or have any outstanding debts within the district will not be permitted to participate in graduation ceremonies or have their academic records released until these are paid in full.

SPECIAL EDUCATION

The Special Education Department at Miller High School is available for students who have been identified for services. Identified students have access to a range of services to assist them as developed in their Individualized Education Plan. These services may include tutoring, progress monitoring, specialized courses, and additional support provided by their assigned Intervention Specialist. If you have any questions regarding the Special Education Department or the services available to students who are identified, please contact the Special Education Department at 740-721-0520.

CLASS CHANGES

Students will be given the opportunity to select courses during the spring semester. They should carefully select the courses that will best meet their academic and career goals. They are encouraged to take classes that will challenge and stimulate growth. They are required to consult with their teachers and parents to ensure that the proper placements have been selected. Each student will also have an individual conference with the counselor to review and confirm that the course selections will meet their goal to graduate from high school and prepare them for their post-secondary goals. Parents are welcome to request to meet with the counselor during this conference. All schedule changes must be finalized before the 1st day of school. Any schedule changes after the 1st day of school may result in a withdrawal / fail. Any schedule changes will require an appointment with the School Counselor, the approval of the Principal, and will require a parent/guardian signature in order for the change to be in effect. Class changes will be given individualized consideration and decisions will be based on school policy and the best interest of the student's academic progress. When a student withdraws from a class, the withdrawal cannot result in a student having less than 5 credits towards graduation.

TRI-COUNTY CAREER CENTER

Students have the option of attending Tri-County Career Center throughout their junior and senior years. Students remain Miller High School students, but attend the Career Center to gain access to fields they are interested in studying. The diploma comes from Miller High School, and students are still eligible to participate in all Miller High School extra-curricular activities. All students have the opportunity to visit the Career Center in the fall of their eighth grade year, and again in December of the sophomore year. The application process will begin once the students have visited the Career Center their sophomore year.

At Tri-County, students receive extensive training in a selected program for half of the day. The other half of the day students take their academic courses. All junior and senior academic courses required for graduation from Miller High School are offered at Tri-County, and various levels are offered to meet the needs of students. Upon graduation, students are prepared to continue their education if desired, enter the skilled work force, or enter the military.

To be accepted to Tri-County Career Center, students must have a total of 10 credits at the end of the sophomore year. These credits should include 2 English, 2 Math, 2 Science, 2 Social Studies, 1/2 Physical Education, and 1/2 Health. Students lacking academic credit will have to complete these courses; which might involve summer school, after school, online coursework, and/or correspondence course work.

Programs of Study—visit the web page for more information for each program:

www.tricountyhightech.com

Auto Body Technology	Electrical Trades
Auto Service Technology	Fashion and Marketing
Building and Property Trades	Hospitality Services
Computer Tech Academy	Medical Professions
Construction Trades	Nursing Technology
Cosmetology	Office Professional
Criminal Justice/ Law Enforcement	Power Line Technologies
Culinary Arts	Sports Medicine
Diesel/Ag Technology	Teacher Academy (senior year only)
Early Childhood Education	Welding

COLLEGE CREDIT PLUS

College Credit Plus provides students with the opportunity to take college classes offered by any Ohio public college or university, or from any participating private postsecondary institution, at their high school, on the college or university campus, or online. The program allows students to explore college interests sooner and to earn college credits toward a degree before graduating from high school. It is free to families when students take courses offered by Ohio public colleges and universities.

Students are required to attend an informational meeting during the fall or spring before they apply. They must then notify their principal of their interest to participate by April 1.

In an effort to give more students and families the opportunity to save on the cost of college, College Credit Plus now includes a summer term. Credits earned by taking courses through College Credit Plus during a summer term will be applied to students' high school and college transcripts during the fall. Students and parents should check the summer term registration deadline for the college or university from which the student intends to take courses.

Please note: Student athletes must also ensure that the courses they select meet the athletic participation qualifications according to the OHSAA calculations. Students must conference with the high school counselor if any changes are made to the student's schedule after the semester has started. Students will need to

provide a copy of the new schedule in person. The high school counselor will review the changes to ensure that the student meets the required number of credits.

For additional information on College Credit Plus, visit www.ohiohighered.org/ccp.

COLLEGE PREPARATION PROGRAM RECOMMENDATIONS

Colleges throughout the State of Ohio vary in their requirements; however, many colleges have adopted the following as the standard college preparation program. Students on the college preparatory track are encouraged to take all the college prep classes. If you have any questions concerning a particular college or university requirement, please contact the admissions office of that institution.

English	Four or more years (grammar, composition, literature, etc.)
Mathematics	Four years (Algebra 1 and higher - does not include Transitional Math or Statistics)
Science	Three or more years (Physical Science, Biology, Chemistry, Physics, Physiology)
Social Sciences	Three or more years (World History, US History, Financial Literacy, World Geography, US Government)
Additional Courses	Some colleges and universities require other classes as prerequisites for admission, such as two or more years of the same foreign language or courses in the visual arts, music, speech, creative writing, technology, etc.

Grade 9

Recommended: English 1 (H), Physical Science (H), Algebra 1 (H) or Geometry (H), World Studies (H), PE/Health, Foreign Language, Fine Art/Tech Credit

Grade 10

Recommended: English 2 (H), Biology (H), Geometry (H) or Algebra 2 (H), American History (H), PE/Health, Foreign Language, Fine Art/Tech Credit

Grade 11

Recommended: English 3 (H), Chemistry, Algebra 2 (H) or Pre-Calculus, Government (H), Foreign Language, Fine Art/Tech Credit

Grade 12

Recommended: English 4 (H), Financial Literacy, Pre-Calculus, Foreign Language, Physiology and/or Physics, Art/Tech Credit

WEIGHTED COURSES

In grades 9-12 a weighted grading scale is used. Details are listed in the student handbook. The weighted scale applies to the following courses:

Tier 1

Honors English 1, 2, 3, 4
Honors Algebra 1 and 2
Honors Geometry
Honors Physical Science
Honors Biology
Honors World Studies
Honors US History
Honors Government
French 1, 2

Tier 2

Pre-Calculus
Chemistry
Physics
Physiology
French 3
All AP Courses
College Credit Plus Classes

CORE COURSE DESCRIPTIONS

ENGLISH/LANGUAGE ARTS

1110 ENGLISH 1 (Graduation requirement)

1 credit

Prerequisite: None

Description: This course is a graduation requirement designed for ninth grade students. Through the study of novels, short stories, essays, drama, and poetry, students will comprehend different literary elements and how they impact these different types of literature. Students will improve their writing skills through many different writing assignments, and will develop speaking skills through oral presentations and speeches. While the overall focus of this class will be to develop better English skills and knowledge, an emphasis will also be placed on gaining a greater appreciation of the English language.

1111 Honors ENGLISH 1 (Graduation requirement)

1 credit/Tier 1 Weighted

Prerequisite: Teacher Recommendation

Description: This course is a graduation requirement designed for ninth grade students on the college preparatory track. Through the study of novels, short stories, essays, drama, and poetry, students will comprehend different literary elements and how they impact these different types of literature. Students will improve their writing skills through many different writing assignments, and will develop speaking skills through oral presentations and speeches. While the overall focus of this class will be to develop better English skills and knowledge, an emphasis will also be placed on gaining a greater appreciation of the English language.

1120 ENGLISH 2 (Graduation requirement)

1 credit

Prerequisite: English 1

Description: The course is a graduation requirement designed for tenth grade students. The course will focus on the improvement of critical reading and writing skills. Students will read material with special attention to theme, character analysis, irony, symbolism, imagery, foreshadowing, personification and other literary techniques. The student will then build skills in writing while focusing on appropriate sentence and paragraph construction. Students will complete a short formal report. The course will also include materials for career preparation.

1121 Honors ENGLISH 2 (Graduation requirement)

1 credit /Tier 1 weighted

Prerequisite: English 1 Honors/Teacher Recommendation

Description: This course is a graduation requirement designed for tenth grade students on the college preparatory tract. The course will focus on the improvement of critical reading and writing skills. Students will read material with special attention to theme, character analysis, irony, symbolism, imagery, foreshadowing, personification and other literary techniques. The student will then build skills in writing while focusing on appropriate sentence and paragraph construction. The course will also include materials for career preparation. The college prep class will be more challenging, accelerated and demanding.

1130 ENGLISH 3 (Graduation requirement)

1 Credit

Prerequisite: English 2

Description: This course is a graduation requirement for eleventh grade students. The course will focus on American Literature. Students will read and study the structural, historical, and thematic qualities from various American short stories and poetry, as well as a novel. Students will expand upon sentence

development, including vocabulary and usage. Students will be required to write various compositions, make oral reports, and complete a short research paper. Students will also continue to work on career preparation.

1131 Honors ENGLISH 3 (Graduation requirement)

1 credit / Tier 1 weighted

Prerequisite: English 2 Honors/Teacher Recommendation

Description: This course is a graduation requirement designed for eleventh grade students on the college preparatory track. Students will read and study American Literature the structural, historical and thematic qualities of various American short stories and poetry, as well as a novel and a play. Students will expand upon sentence structure, grammar, and punctuation with an emphasis on improving sentence development, including vocabulary and usage. Students will be required to write various compositions, including a comparative literature analysis, make oral reports, and complete a short research paper. Student will continue to work materials for college entrance test. The college prep class will be more challenging, accelerated, and demanding.

1132 AP Language & Composition (Meets graduation requirement/In place of English 3 Honors)

1 credit / Tier 2 weighted

Prerequisite: English 2 Honors/Teacher Recommendation (Suggested grade average of A/B in prior English Honors Courses)

Description: The AP Language & Composition course focuses on rhetorical analysis of nonfiction texts and the development and revision of well-reasoned, evidence-centered analytic and argumentative writing. The course is developed based on AP English language guidelines for students who are willing to do college-level work during high school. Students should expect to devote sufficient time and energy to complete rigorous coursework—reading and discussion assignments, extensive writing, AP test preparation, vocabulary, use of rhetoric, collaborative language arts assignments, and peer/group discussion activities. A signed contract and a \$15 refundable deposit are required for the course.

1140 ENGLISH 4 (Graduation requirement)

1 credit

Prerequisite: English 3

Description: This course is a graduation requirement designed for twelfth designed to provide students with the communication tools they will need for success on a job and for skills that they will use in their everyday life. It will provide a broad, thorough training necessary to help students' competence in each of the communication skills: reading, writing, listening, and speaking. Some of the areas that may be covered will be work force related. This class is for the student who is not following the college prep program. Students will prepare state mandated career objectives.

1141 Honors ENGLISH 4 (Graduation requirement)

1 credit/ Tier 1 weighted

Prerequisite: English 3 Honors/Teacher Recommendation

Description: This course is a graduation requirement designed twelfth grade students on the college preparatory track. A course that will prepare students for college-level writing, Expository writing skills using a literature base will be the primary focus of the course; however, study skills and coping with college life will be covered. State mandated career objectives would be required. A research paper is required.

1142 AP ENGLISH Literature & Composition (Meets graduation requirement/In place of English 4 Honors)

1 credit/ Tier 2 weighted

Pre-requisite: English 3 Honors or AP Language & Composition/Teacher Recommendation (Suggested grade average of A/B in prior English Honors Courses)

Description: AP English Literature and Composition focuses on reading, analyzing, and writing about imaginative literature (fiction, poetry, drama) from various periods. Students will read, write and discuss poetry, fiction, and drama at an advanced college level while using online resources to develop skills including sophisticated use of literary elements and terminology, close readings of various texts, creating, drafting, and editing college-level analytical essays, preparing and writing timed essays, and advanced use and mastery of standard English. This course also prepares students for the Advanced Placement Literature and Composition Exam administered each May. A signed contract and a \$15 refundable deposit are required for the course. **ADDITIONAL NOTE:** A summer reading assignment will be given to students registered for the course using Google Classroom.

1146 COLLEGE WRITING (Full year Elective)

1 credits

Prerequisite: None

Description: This course is designed as a “writing lab” experience in which students work independently on written assignments. Opportunities for specific writing instruction (including but not limited to grammar and conventions, rhetoric, research, and literary analysis) will be provided to improve student writing.

1170 CREATIVE WRITING (Semester)(Elective)

.5 credits

Prerequisite: None

Description: This course will develop student’s creative writing skills. Students will experience writing poetry, short stories and creative non-fiction, applying appropriate techniques.

1173 ARGUMENT & DEBATE (Semester) (Elective)

.5 credits

Prerequisite: None

Description: This course is designed to introduce various types of public speaking, especially the art of argument and debate. Students will build writing and speaking skills as well as analyze and evaluate various examples of argumentation. Requirements for the course will be to read various types of materials (books, magazines, research, etc.) to analyze as well as prepare and give short speeches/debates throughout the course.

1174 SPORTS & LITERATURE (Semester)(Elective)

.5 credits

Prerequisite: None

Description: Students read literature of sport as it appears in various forms, including novels, biographies, poetry, short stories, drama, film, and magazine and newspaper journalism. The world of sports is a microcosm of the human condition, and some of the finest authors in the world have written literature about sports, displaying the best and worst of human behavior under the most dramatic of situations.

1177 WAR & LITERATURE (Semester) (Elective)

.5 credits

Prerequisite: None

Description: War is a human phenomenon and a necessary part of academic study. Teachers can humanize this phenomenon through a study of historical literature that offers a lens through which a reader can examine a multitude of perspectives. By studying the literature of war, students explore soldiers’ dilemmas, personal responsibilities versus taking orders, the aims and consequences of imperialism, and what happens to an individual in combat

MATHEMATICS

1210 ALGEBRA 1 (Graduation Requirement)

1 credit

Prerequisites: None

Description: This course is a graduation requirement designed for ninth grade students. This course emphasizes logical organization and the processes behind the student's work. Major topics are sets, variables, open sentences, negative numbers, equations, inequalities, problem solving, polynomials, factoring, fractions and graphs

1211 Honors ALGEBRA 1 (Graduation Requirement)

1 credit / Tier 1 weighted

Prerequisite: Teacher Recommendation

Description: This course is a graduation requirement designed for ninth grade students on the college preparatory track. Knowledge of algebra is basic to the study of geometry, trigonometry, and calculus. Algebra I (H) is a fast paced course of study using one or two variables in standard computations and in problem solving. This course will challenge students to work and study independently.

1220 GEOMETRY (Graduation Requirement)

1 credit

Prerequisite: Algebra 1

Description: This is a required math course for graduation. Students will be looking at geometric relationships between figures and study geometric applications. Topics covered include properties of triangles, properties of quadrilaterals, right triangle trigonometry, coordinate geometry, area and volume, and review of algebraic concepts. This course is vocabulary driven and relies on the student's ability to create and solve algebraic equations based on the geometry concepts.

1221 Honors GEOMETRY (Graduation Requirement)

1 credit / Tier 1 weighted

Prerequisite: Algebra 1 H/Teacher Recommendation

Description: This course is a math graduation requirement designed for tenth grade students on the college preparatory track. The course has the same basic content as the regular Geometry class with more in depth coverage and a few additional topics covered. Students will be expected to work with geometric proofs and logical statement concepts. This course will work at a more advanced pace and less review time will be provided for prior concepts Basic trigonometry functions are also introduced.

1230 ALGEBRA 2 (Graduation Requirement)

1 credit

Prerequisites: Successful completion of Algebra 1 and Geometry

Description: This course is a math graduation requirement for the class of 2014 and beyond designed for eleventh grade students. This course extends the topics first seen in Algebra I and provides advanced skills in algebraic operations. Additionally, linear and quadratic functions and relations, conic sections, exponential and logarithmic functions, graphing, and sequences and series will be explored.

1231 Honors ALGEBRA 2 (Graduation Requirement)

1 credit / Tier 1 weighted

Prerequisites: Successful completion of Algebra 1 H and Geometry H/ Teacher Recommendation

Description: This course is a math graduation requirement for the class of 2014 and beyond designed for eleventh grade students on the college preparatory track. This course will reinforce topics learned in Algebra I H. Advanced topics such as logarithms, trigonometry and conic will be introduced while other topics such as functions and probability will be expanded. This course is recommended for students taking chemistry or physics. This course will challenge students to work and study independently.

1235 PRE-CALCULUS (Meets 4th yr. Math graduation requirement)

1 credit/ Tier 2 weighted

Prerequisite: Successful completion of Algebra I H, Geometry H, and Algebra II H courses or teacher recommendation (Can also be taken for college credit by applying for CCP credit through Zane State. Student who do not qualify for CCP credit may opt to take an end of year exam to receive college credit.)

Description: This course will reinforce topics learned in Algebra II H. Topics such as trigonometry, conics, functions, and transformations will be expanded. This course is a recommended for all college bound students with an interest in any scientific field. This course will challenge students to work and study independently.

1270 STATISTICS (Meets 4th yr. Math graduation requirement)

1 credit

Prerequisites: Geometry

Description: In this course, students will be introduced to the major concepts of probability, interpretation of data, and statistical problem solving. Students will learn the course concepts through hands-on experimentation and investigation. They will analyze existing data as well as data collected. They will then display the data in different ways, analyze it, and draw conclusions based on the results. The four main components of the course are: exploring data, data collection, probability, and inference.

1216 ELECTRONICS (Elective)

1 credit

Prerequisite: None

Description: This class is designed to explore basic information and skills concerned with electrical energy including theory, applications, and control as it relates to electrically powered equipment, to various kinds of communications equipment, and to related factors such as occupations, economics, and consumer information.

SCIENCE

1310 PHYSICAL SCIENCE (Graduation Requirement)

1 credit

Prerequisite: None

Description: This course is a graduation requirement designed for ninth grade students. The course consists of 6 units: nature of matter, changes in matter, motion and energy, waves and wave properties, electricity, magnetism and exploring earth and space.

1311 Honors PHYSICAL SCIENCE (Graduation Requirement)

1 credit/ Tier 1 weighted

Prerequisite: Teacher Recommendation

Description: This course is a graduation requirement designed for ninth grade students on the college preparatory track. This is a college prep class and will move more rapidly and extensively than regular Physical Science. The course consists of 6 units: nature of matter, changes in matter, motion and energy, waves and wave properties, electricity, magnetism and exploring earth and space.

1320 BIOLOGY (Graduation Requirement)

1 credit

Prerequisite: Physical Science

Description: This course is required course for graduation for tenth grade students. The course will explore aspects of living organisms. Course topics range from simple single-celled organisms to the study of complex multicellular organisms. Environments, habitats, and nutrient cycles are also key concepts covered.

1321 Honors BIOLOGY (Graduation Requirement)

1 credit/ Tier 1 weighted

Prerequisite: Physical Science H/Teacher Recommendation**Course Description:** This is a course required for graduation for tenth grade students on the college preparatory track. The course focuses on the aspects of living organisms. Course topics range from simple single-celled organisms to the study of complex multicellular organisms. Environments, habitats, and nutrient cycles are also key concepts covered. This is a college prep class and will move more rapidly and extensively than regular Biology.**1330 CHEMISTRY (Meets 3rd yr. Science graduation requirement)**

1 credit/ Tier 1 weighted

Prerequisite: Physical Science and Biology**Course Description:** A recommended course for juniors or senior level students. The course focuses on developing the core concepts of chemistry: Energy, physical and chemical properties of matter, conservation of matter, system and interactions, and equilibrium and change.**1332 ENVIRONMENTAL SCIENCE (Meets 3rd yr. Science graduation requirement)**

1 credit

Prerequisite: Biology**Course Description:** Environmental Science is a course designed to show thematic connections between a variety of science disciplines including biology, chemistry, and physics. It gives students a coherent and realistic picture of the applications of a variety of scientific concepts as they relate to our environment. The three major themes that will be explored include: Earth's Systems, Earth's Resources, and Global Environmental Problems and Issues.**1335 PHYSIOLOGY (Meets 3rd yr. Science graduation requirement)**

1 credit/ Tier 2 weighted

Prerequisite: Chemistry**Description:** This course that presents the skeletal, muscular, nervous, circulatory, digestive, respiratory, excretory, and reproductive systems of the human body. Students wanting to enter any facet of the medical profession upon graduation are encouraged to take Physiology. Laboratory experiences will be included. This course presents the laboratory experiences include feline dissection.**1340 PHYSICS (Meets 3rd yr. Science graduation requirement)**

1 credit/ Tier 2 weighted

Prerequisite: Algebra 2**Description:** The first part of this course covers theories of Newtonian mechanics, including motion, vectors, forces, and momentum. Later portions of the course will include topics such as matter, waves, and electricity. Also there will be an attempt to incorporate topics from modern physics such as quantum theory and the atom.**1336 SCIENTIFIC INQUIRY (Elective)**

1 credit

Prerequisite: None**Description:** This is an inquiry based course designed to explore trending topics in various scientific fields.

SOCIAL STUDIES

1410 WORLD HISTORY (Graduation Requirement)

1 credit

Prerequisite: None

Description: This course is a graduation requirement for freshmen. The course will include world geography, cultural diversity, and global economics, and government for the period between 1750 through the present day.

1411 Honors WORLD HISTORY (Graduation Requirement)

1 credit / Tier 1 weighted

Prerequisite: Teacher Recommendation

Description: This course is a required graduation course for freshmen on the college preparatory track. This course will include world geography, cultural diversity, and global economics, and government for the period between 1750 through the present day. This is a college preparatory course and will move more rapidly and extensively than regular World History.

1420 US HISTORY (Graduation Requirement)

1 credit

Prerequisite: World Studies

Description: This course is a graduation requirement designed for sophomores. The course includes topics related to American history, world history, geography, sociology, economics and government for the time period 1866 to the present.

1421 US HISTORY (CP) (Graduation Requirement)

1 credit/ Tier 1 weighted

Prerequisite: World Studies CP or Permission

Description: This course is graduation requirement designed for sophomores on the college preparatory track. This course will integrate the topics of American history, world history, geography, sociology, economics and government for the time period 1866 to the present. This course and will move more rapidly and extensively than regular US History.

1433 STREET LAW (Semester)(Elective)

.5 credits

Prerequisite: World or US History

Description: This class is a law related course to provide practical information and problem solving that develop students' knowledge and skills necessary for survival in our law-saturated society. Course includes case studies, mock trials, and small group exercises.

1434 WORLD GEOGRAPHY (Semester)(Elective)

.5 credits

Prerequisite: None

Description: This course familiarizes students with the world using the five themes of geography. Students should develop skills and knowledge about location, place, human/environmental interaction, movement and regions. This course will require students to apply skills and knowledge to content information involving different regions of the world.

1440 US GOVERNMENT (Graduation Requirement)

1 credit

Prerequisite: World Studies, American History

Description: This course is a graduation requirement. The course will focus on government and economics. We will also be discussing contemporary issues. Various methods of instruction will be used to convey this information to the students. Many projects will be assigned during the course requiring the student to work with resources in the library as well as the computer lab.

1441 Honors US GOVERNMENT (Graduation Requirement)

1 credit/ Tier 1 weighted

Prerequisite: World Studies CP, American History CP, Permission**Description:** This course is graduation requirement designed for students on the college preparatory track. The course will focus on government and economics. We will also be discussing contemporary issues. Various methods of instruction will be used to convey this information to the students. Many projects will be assigned during the course requiring the student to work with resources in the library as well as the computer lab. Course content will expand on topics and move at a more rapid pace than the regular course.**1442 FINANCIAL LITERACY (Required for graduation) (Semester)**

.5 credits

Prerequisite: 12th grade**Description:** This class provides instruction in economics and personal finance. Topics include economic systems and economic cycles. Students will gain knowledge in budgets, careers, spending plans, balancing checkbooks, investing, good credit/bad credit, insurance and taxes. This course will require students to apply skills and knowledge to content information to real life financial situations.**1451 CURRENT EVENTS (Elective) (Semester)**

.5 credits

Prerequisite: Current enrollment or earned credit in US History.**Description:** This course requires students to become aware of the major issues of the day and to have an in depth understanding and appreciation of current events and the historical aspects of those events. The class will follow daily news events and issues. Students will be expected to understand these social, political and economic issues on a daily basis. Each week the class will focus on the historical development of a current issue. Students will look at various media sources and analyze the concepts of media bias and “fake news.” The goals of this course are: to make the connection between current events and history, to enhance the student’s understanding of world events, to encourage students to be informed citizens, and to help them to make intelligent decisions as they take their place in adult society.**1451 THE AMERICAN CIVIL WAR (Elective) (Semester)**

.5 credits

Prerequisite: Current enrollment or earned credit in US History.**Description:** This course will provide an in-depth study of the political, social, and military history of the American Civil War. In this course we will explore the causes, the course, and consequences of the American Civil War from 1848 to 1877. This course will cover the turbulent pre-war years and how this time period led to the outbreak of war. It will also focus on how the war was fought; the tactics that were implemented, the weapons that were used, the life of the common soldier, the medical and industrial technologies that were available and how these affected the fighting and outcome of the conflict. Both the eastern and western theaters of the war will be explored. The course will culminate with a discussion of how the war ended and how the country was reunited through reconstruction. The goal of this course is to study this nation-defining event and to provide a deeper understanding of this conflict and its legacy in American History. Pre-requisite: Current enrollment or earned credit in US History.**FOREIGN LANGUAGE****1500 FRENCH I (Elective)**

1 credit /Tier 1 weighted

Prerequisite: It is recommended that a student have A&B in English and good attendance rate.

Description: This course is a beginning language course with its primary goal being to introduce students to the French language and culture. This course exposes and initiates communication in French in the four basic language skills of listening, speaking, reading, and writing. French 1 focuses on the phonetic sounds and elements of French, contains a large amount of vocabulary, deals primarily with the present tense conjugation, and basic grammar. This is a new journey to enhance students' knowledge and appreciation of the diverse cultures found in francophone countries around the world.

1501 FRENCH 2 (Elective)

1 credit /Tier 1 weighted

Prerequisite: French 1

Description: This course is a continuation of French 1 where students will continue to explore the francophone world and grammar structures. This course expands on communication in French in the four basic language skills of listening, speaking, reading, and writing through integrated performance assessments. French 2 focuses on the phonetic sounds and elements of French, contains a large amount of vocabulary, deals primarily with the past and present tense conjugations, and intermediate grammar.

1502 FRENCH 3 (Elective)

1 credit /Tier 2 weighted

Prerequisite: French 2

Description: French 3 is designed to solidify understanding of all present tense forms, common irregular forms, and sentence structure. An intensive study of the past tenses will be the main focus of the year through reading, writing, listening, and speaking assessments. Students will continue to expand their vocabulary in the context of these grammatical structures. Francophone countries will serve as the cultural context in which curriculum will be provided.

1503 AP FRENCH (Elective)

1 credit /Tier 2 weighted

Prerequisite: French 3

Description: AP French is designed to solidify understanding of all present tense forms, common irregular forms, and sentence structure. An intensive study of the past tenses will be the main focus of the year through reading, writing, listening, and speaking assessments. Students will continue to expand their vocabulary in the context of these grammatical structures. Francophone countries will serve as the cultural context in which curriculum will be provided. This course will prepare you to take the Advanced Placement Exam offered in May.

CONSTRUCTION TECHNOLOGIES

1600 CONSTRUCTION TECHNOLOGY 1 (CTE 1) (Elective)

1 credit

Prerequisite: None

Description: Students will learn principles in basic safety, construction math, how to operate hand and power tools, blueprint reading, material handling, communication and employability skills. An emphasis will be placed on safe and green construction practices.

1601 PLAN READING (CTE 2) (Elective)

1 credit

Prerequisite: None

Description: Students learn blueprint reading as it relates to the architecture and construction. Students will use scaling, orthographic projections, dimensioning practices, symbols, notations, and abbreviations to perform area calculations and to interpret floor plan, section, and elevations. Using construction plans, students will identify problems or shortcomings related to the layout and installation of materials for the project.

NATURAL RESOURCES

1650 Agriculture, Food, and Natural Resources (AFNR) (Elective)

1.25 credit

Prerequisite: None

Description: This is the first course in the Agricultural and Environmental Systems career field. It introduces students to the pathways that are offered in the Agricultural and Environmental Systems career field. As such, learners will obtain fundamental knowledge and skills in food science, natural resource management, animal science and management, plant and horticultural science, power technology and biotechnology. Students will be introduced to the FFA organization and begin development of their leadership ability.

1660 NATURAL RESOURCES (Elective)

1.25 credit

Prerequisite: AFNR

Description: Learners will apply science principles and management practices to the protection of renewable and non-renewable natural resources. Students will learn fundamentals of land use as well as watershed, wildlife, fishery and forest management. Students will be introduced to management practices related to managing air and water quality along with requirements for managing solid and liquid waste. Communications, business principles and leadership skill development are essential to the program.

1670 WILDLIFE & FISHERIES (Elective)

1.25 credit

Prerequisite: AFNR

Description: Learners will apply the principles and practices of resource conservation and management to fish and wildlife populations. Students learn to properly handle wild animals, principles of wildlife nutrition, inventory practices, water quality parameters and testing, and natural and artificial propagation. Learners will apply principles of facility design and layout for managing fish populations. Learners will research and evaluate the impacts of various land practices, legislation, and human activities on habitats and populations.

1690 BUSINESS MANAGEMENT for AGRICULTURE (Elective)

1.25 credit

Prerequisite: AFNR

Description: Business Management for Agricultural and Environmental Systems

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.

PHYSICAL EDUCATION & HEALTH EDUCATION

1700 PHYSICAL EDUCATION (Semester)(Graduation Requirement)

.25 credit

Prerequisite: None

Description: Physical Education is a requirement for graduation. It is a course a student must take unless he/she has a doctor's excuse. Some of the exercises are: gaining motor skills to apply in everyday living and in sports, developing individual skills, and learning to get along with others, carrying out directions, and learning self-discipline.

1710 STRENGTH & FITNESS (Semester)(Elective)

.25 credit

Prerequisite: Physical Education**Description:** Students are taught to continue healthy habits throughout high school and apply them to their everyday life. This course is designed to take fitness goals of each individual person and design a fitness program to achieve those goals. This course will also introduce other lifelong physical activities.**1720 HEALTH (Semester) (Graduation Requirement)**

.5 credit

Prerequisite: None**Description:** This course is a requirement for Ohio graduation. This class will allow students the opportunity to explore a variety of activities that promote a healthy lifestyle. This course will focus on Understanding your Total Health, Healthy Relationship, Dealing with Stress and Loss, Nutrition, Physical Fitness, Personal Care and Body Systems, Drugs, Diseases and Disorders, and Safety and Environmental Health.**1721 NUTRITION (Semester) (Elective)**

.5 credit

Prerequisite: Health**Description:** Introduction to the role of nutrition in human health. Topics include human metabolism, utilization of nutrients, nutrition value of foods, factors that affect eating habits, food advertising, nutrition and disease. Learning to develop an understanding of the foods we eat and what happens once consumed into the body. Study the breakdown of nutrients in the body and how to maintain an overall fit lifestyle to achieve lifelong healthy habits.**1750 LIFETIME FITNESS (Semester) (Elective)**

.25 credit

Prerequisite: Physical Education**Description:** The purpose of this course is to introduce students to a variety of physical activities. Lifetime fitness course offers weight training 2-3 days a week and a variety of recreational and sport related activities the other days. Individual workouts will be set up for each student to improve upon strength, flexibility, endurance and participate in individual and team tournaments. In this program, the emphasis is on lifetime activities, appropriate dress, respect, active participation, sportsmanship, fair play, cooperation and a positive attitude. Individual fitness levels are assessed throughout the semester and structured workouts are organized giving students the opportunity to set and achieve personal success goals.**1751 OUTDOOR RECREATION (Semester) (Elective)**

.25 credit

Prerequisite: Physical Education**Description:** An overview of the role of the natural world in recreation and leisure services. The course will focus on values of outdoor recreation, outdoor education, adventure recreation, and environmental impact. Designed to provide student with fundamental knowledge necessary to provide learning experiences in out-of-doors and for teaching necessary skills for outdoor living enjoyment. Accompanied by learning about physical activity or games which can be enjoyed outside such archery, endurance training, fitness walking, Frisbee, and team games that can be played outdoors.**1752 ARCHERY (Semester) (Elective)**

.25 credit

Prerequisite: Physical Education**Description:** The course teaches NASP Archery skills during the course of the semester. The course is designed to accommodate the beginning archer. The emphasis is on establishing a solid foundation and improve student's skills as an archer significantly, the topics being covered are as followed: equipment, alignment, anchor, aiming, release and scoring. The course focus during the semester is on developing fundamentals of NASP Archery. The Archery course is different than a typical physical education class, as the entire semester will be designated for this sport only. Students only wanting to participate in Archery should sign up for this class.

FINE ARTS

1801 CHORUS (Semester) (Meets Fine Arts graduation requirement)

.5 credit

Prerequisite: None

Description: Chorus membership is open to all students and fulfills a fine art credit. Students are encouraged to be in choir both semesters and earn 1 credit but may join chorus for one semester and earn .50 credit. This course focuses on the fundamentals of music. Topics include musical elements, expression, and vocal technique. Performances are an important part of the course requirements students will learn performance etiquette, self-discipline, confidence, and responsibility by being a contributing member of a group.

1810 ART I (Full Year Elective) (Meets Fine Arts graduation requirement)

1 credit

Prerequisite: None

Description: This is an introduction to the basics of creating and discussing art. No previous art experience is required. Can you draw a stick figure? Good enough. This class is for you. Main projects include stencils, ceramics, art history and collaborating on school and community related art projects. A \$25 class fee is required.

1840 PHOTOGRAPHY 1 (Full Year Elective) (Meets Fine Arts graduation requirement)

1 credit

Prerequisite: None

Description: Learn the basics of digital photography and digital manipulation techniques. It explores the techniques and applications of acquiring, manipulating and outputting digital images. Weekly photograph assignments are required. \$25 class fee

1841 PHOTOGRAPHY 2 (Full Year Elective) (Meets Fine Arts graduation requirement)

1 credit

Prerequisite: Photo 1 with a B or better

Description: Learn advanced techniques of digital photography and digital manipulation. It explores the techniques and applications of acquiring, manipulating and outputting digital images utilizing Adobe Photoshop. Students may be provided with Apple laptops to use in class. Weekly photograph assignments are required. \$25 class fee

1880 DRAWING (Full Year Elective) (Meets Fine Arts graduation requirement)

1 credit

Prerequisite: Art 1

Description: Pencil, pen and ink, chalk, charcoal are explored to create original personal images. Drawings and paintings by culturally and historical artists are examined for their formal, expressive, and technical qualities.

1890 PAINTING (Full Year Elective) (Meets Fine Arts graduation requirement)

1 credit

Prerequisite: Drawing

Description: Acrylics, oils, and watercolors are explored to create original personal images. Drawings and paintings by culturally and historically representative artists are examined for their formal, expressive, and technical qualities.

1846 AP Art (Full Year Elective) (Meets Fine Arts graduation requirement) 1 credit /Tier 2 Weighted

Prerequisite: Intro to Art, Drawing and Painting

Description: The AP Studio Art courses are designed for students who are seriously interested in the practical experience of art. AP Studio Art is not based on a written examination; instead, students submit portfolios for evaluation at the end of the school year. This course is based on a student creating a body of work that demonstrates quality, concentration and breadth. This portfolio will be submitted to the College Board for college credit. The course will meet for a full year on the academic model. As in any college level course students will be expected to spend a considerable amount of time outside of class in order to complete assignments and doing homework and sketchbook assignments. \$25 Course Fee and The fee for each 2018 AP Exam is \$94

1846 DRAMA (Full Year Elective) (Meets Fine Arts graduation requirement) 1 credit

Prerequisite: None

Description: This class is designed to explore subject matter and experiences that are concerned with a wide range of studies and activities including playwriting, dramatic literature, scene design, technical theatre, acting, directing, and the supporting of arts and crafts of the theatre and of selected aspects of video, radio, television and film.

OTHER ELECTIVES

1900 WORK STUDY (Semester) (Elective) .25 credit

Prerequisite: Permission

Description: Work Study is for students who would like to be engaged in an academic program that enables high school students to gain work experience and make money while continuing their studies. This course is set up as a Pass/Fail course.

1910 STUDENT AIDE (Semester) (Elective) No Credit

Prerequisite: 11th – 12th grade / Teacher recommendation and application.

Description: This course allows students to have a placement within the high school to assist classroom teachers as well as explore career opportunities within the school system. There is no credit awarded for this course.

1920 GUIDED STUDY (Elective) 1 credit

Prerequisite: Placement Only

Description: This course is designed for students to receive additional classroom support with an intervention specialist. Course placement will be determined by the Special Education Department, School Counselor, and Principal. This course is set up as a Pass/Fail course.

1930 ALA: Academy for Leadership Abilities (Elective) .5 credit

Prerequisite: Grades 9-12

Description: The Academy for Leadership Abilities (ALA) is a youth and young adult development program in which ethical curricula and leadership techniques are taught based upon John C. Maxwell's 21 Irrefutable

Laws of Leadership that are practiced by the world's most successful people. This course will meet 3 times per week, and will cover three modules. Students have the option of participating in one, two, or all three instructional modules. This course is set up as a Pass/Fail course.

NONDISCRIMINATION AND ACCESS TO EQUAL EDUCATIONAL OPPORTUNITY

Any form of discrimination or harassment can be devastating to an individual's academic progress, social relationship and or personal sense of self-worth. Therefore, the Board of Education will not discriminate nor tolerate harassment in religion, race, color, national origin, sex, disability, military status, ancestry, age, or genetic information. Additionally, it will not discriminate in its employment policies and practices.

The Board is committed to providing an equal opportunity for all students regardless of race, color, creed, disability, religion, gender, ancestry, age, national background, to learn through the curriculum offered in this District.

A. Curriculum Content

Review current and proposed courses of study and textbooks to detect any bias based upon race, color, gender, disability, religion, national origin, ancestry, or culture; ascertaining, whether or not supplemental materials, singly or taken as a whole, fairly depict the contribution of both genders, various races, ethnic groups, etc. toward the development of human society.

B. Staff Training

Develop an ongoing program of in-service training for school personnel designed to identify and solve problems of race, color, gender, religious, nation origin, cultural, or other bias in all aspects of the program;

C. Student Access

Review current and proposed programs, activities, facilities, and practices to verify that all students have equal access thereto and are not segregated on the basis of race, color, creed, gender, disability, or national origin in any duty, work play, classroom, or school practice except as may be permitted under State and Federal laws and regulations;

D. District Support

Verify that like aspects of District program receive like support as to staff size and compensation, purchase and maintenance of facilities and equipment, access to such facilities and equipment, and related matters;

E. Student Evaluation

Verify that tests, procedures, and guidance and counseling materials which are designed to evaluate student progress, rate aptitudes analyze personality, or in any manner establish or tend to establish a category by which a student may be judged are not differentiated or stereotyped on the basis of race, color, creed, gender, or national origin.

The Superintendent shall appoint and publicize the name of the compliance officer whose responsibility it will be to coordinate the District's efforts to comply with the applicable Federal and state laws and regulations, including the District's duty to address in a prompt and equitable manner any inquiries or complaints regarding discrimination or denial of equal access. The Compliance Officer

shall also verify that proper notice of nondiscrimination for Title II, Title VI, and VII of the Civil Rights Act of 1964, Title IX of the Education Amendment Act of 1972, section 502 of the Rehabilitation Act of 1973, the Americans with Disabilities Act, and the Age Discrimination in Federal Assisted Programs Act is provided to students, their parents, staff members, and the general public.

The Superintendent shall annually attempt to identify children with disabilities ages 3-22 who reside in the District but do not receive public education. In addition, s/he shall establish procedures to identify students who are Limited English Proficient (LEP), including immigrant children and youth, to assess their ability to participate in District programs, and develop and administer a program that meets the English language and academic needs of these students. The program shall include procedures for student placement, services, evaluation and exit guidelines and shall be designed to provide students with effective instruction that leads to academic achievement and timely acquisition of proficiency in English. As a part of this program, the District will evaluate the progress of students in achieving English language proficiency in the areas of listening, speaking, reading and writing, on an annual basis (see AG 2260F)