

This curriculum guide is for the use of all Fayette students for Grades 7-12 and their parents. The guide contains information students will need for course selections and in determining a course of study. The information should be studied carefully so that courses can be chosen in order to meet particular educational and career goals. Future goals should always be kept in mind while planning high school coursework. A student's schedule should not be designed to match the schedules of his/her friends.

No student can take every course offered, nor can every course listed in this curriculum guide be offered every year. The key to good scheduling is to always think and plan ahead for more than one year. The information contained in this guide will allow students to accomplish their academic goals. As teachers, the counselor, older students, and your parents are consulted, plans can be made which will allow students to take full advantage of the educational opportunities while in junior high and high school.

The course descriptions contained in the curriculum guide are to aid in the selection of classes and to give a general, abbreviated idea of what may be expected from the individual classes. The courses are actually planned and developed from the official courses of study, which are too lengthy to include in their entirety.

Please note that due to the needs of the master schedule, which serves the entire student population, certain courses may not be available after the course selection process had begun.

Fayette School District has a 9 period day to accommodate student's needs. The time periods are:

1st period	8:00-8:44
2nd period	8:47-9:30
3rd period	9:33-10:16
4th period	10:19-11:02
5th period	11:05-11:48
6th period	11:51-12:33
7th period	12:36-1:18
8th period	1:21-2:04
9th period	2:07-2:50
Jr High Lunch- 11:51-12:21	High School Lunch – 12:36-1:06

Fayette HS Curriculum Guide 2017-2018

TABLE OF CONTENTS

Introduction	
Graduation Information.....	
Weighted Grades.....	
Scheduling Procedure.....	
Procedure for Changing or Dropping Courses.....	
Earning Semester Credit.....	
Ohio Graduation Tests.....	
Honors Diploma.....	
Correspondence Courses.....	
Summer School.....	
National Honor Society.....	
Post-Secondary Enrollment.....	
Flexible Credit Options.....	
Courses	
Agricultural Education.....	
Art.....	
Business.....	
English Language Arts.....	
Family and Consumer Science.....	
Foreign Language.....	
Health and Physical Education.....	
Math.....	
Music.....	
Science.....	
Social Studies.....	
Appendix	

Junior High Curriculum		
7 th Grade Courses		8 th Grade Courses
SUBJECT AREA	Credit Requirements	Math 8 th grade or Algebra 1 for HS Credit -Full year English Language Arts -Full year
4 units	English Language Arts	Reading – Full year
½ unit	Health	Science -Full year
4 units	Mathematics	Social Studies – Full year
½ unit	Physical Education	Choir or Band
3 units	Science	Agriculture, Food & Natural Resources – ½ year
3 units	Social Studies	Art - ½ year
5 units	Electives	Health (.5 HS Credit) ½ year
Additional credits, if any, in district requirements		Physical Education ½ year (.25 HS Credit)

Fayette students will be exposed to ACT Prep in various forms during throughout JH/HS courses.
****High School Curriculum****

Other Requirements include
 Requirements for HS status:
 Communications

Freshmen	Sophomore	Junior	Senior
Economics and Financial Literacy			
Enrolled in at least 8	Enrolled in at least 8	Enrolled in at least 7	Enrolled in at least 7
courses unless approved by	courses unless approved by	courses unless approved by	courses unless approved by
administration	administration and	administration and	successfully completed 15
Students earn a cumulative passing score of 18 points using seven and of the course state tests. TO ensure students are well rounded, they must earn a minimum of 4 points in math, four points in English and six points across science and social studies. End of the course exams are:	completed 3 credits during their Freshmen year.	completed 6 credits during their Freshmen/Sophomore year.	credits during their Freshmen/Sophomore/Junior year.
End-of course exams are:			
Algebra I, Geometry or Integrated Math I and II			

The State Department of Education and the Fayette School Board require a minimum number of 21 credits for graduation.
 Biology
 American history
 American Government
 English I and English II

Students studying Advanced Placement (AP) or International Baccalaureate (IB) courses in biology, American government or American history may take and substitute test scores for end-of-course state exams to avoid double testing. Students also may substitute grades from College Credit Plus courses in these subjects for end-of-course state exams.

Industry credential and work forces readiness

Students earn 12 points through a State Board of Education approved, industry-recognized credential or group of credentials in a single career field and achieve a work force readiness score on the WorkKeys assessment.

NOTE: Not all courses at Four County Career Center will earn you the points. Check with the counselor to ensure this option is available.

College admission test

Students earn “remediation-free” scores in English Language arts and mathematics on a nationally recognized college admission exam. The state of Ohio will pay one time for all 11th grade students in the classes of 2018 and beyond to take the exam free of charge.

New Testing/Graduation Requirements for the Class of 2018 and Beyond

Military Path			
9th Grade	10th Grade	11th Grade	12th Grade
English 9	English 10	English 11	College Comp. I and II
Algebra 1	Geometry	Algebra II	Adv. Math or Business Math
Physical Science	Biology	Environmental Science	Financial Management/ Communications
World Studies	American History	American Government	
Physical Education II	Physical Education II (if not taken during Freshmen year)		
Health	Parenting OR Family Living		
Electives: Band, Choir, Spanish III or IV, Art Classes, World Cultures, Physics, Anatomy/ Physiology, Sociology, Human Behavior, Chemistry, Physics, Environmental Science, Calculus, Academic Assist (Seniors only)			

Career Based Instruction			
9th Grade	10th Grade	11th Grade	12th Grade
English 9	English 10	English 11	English 12
Algebra I	Geometry	Algebra II	Advanced Math or Business Math
Physical Science	Biology	Environmental Science	Financial Management/ Communications
World Studies	American History	American Government	
Physical Education II - semester	Physical Education II - Semester (if not taken during Freshmen year)	A&E Capstone	A&E Capstone
Health - semester	Child Development or Parenting OR Family Living - semester		
Electives: Students attending Four County Career Center are responsible for all the graduation requirements for the State of Ohio as well as Fayette Local School District, Band, Choir, Spanish III or IV, Art Classes, World Cultures, Physics, Anatomy/ Physiology, Sociology, Human Behavior, Chemistry, Physics, Environmental Science, Calculus, Academic Assist (Seniors only) and Four County and have not completed these requirements must meet with the guidance counselor to establish a plan that will provide the student with the coursework needed to make up these graduation requirements.			

Students enrolled and in attendance at Four County Career Center must remain at the Vocational School for at least the first 10 days of the school year. If a student requests to return to the home school, the student will be admitted immediately after the 10-day period or at the change of semester only.

Students enrolled at the home school and requesting to enroll at the Four County Career Center after the initiation of the school year may do so only within the first 10 days at Fayette High School. These students must remain at the Vocational School for the length of the school year.

Students who attend the Vocational School for the 10-day trial period and elect to return to the Fayette High School building must remain in the FHS building for the length of the school year.

No student shall be re-admitted to the Fayette High School building at the end of their junior year or at the end of the first semester of their senior year for the sole or primary purpose of participating in the early work release program in the FHS building.

****COLLEGE PREP****

8 th Grade	9th Grade	10th Grade	11th Grade	12th Grade
English 8	English 9	English 10	English 11 or College Comp. I & II	College Comp. I & II or Advanced English 12
Algebra 1	Geometry	Algebra II	Advanced Math or Business Math	Advanced Math, Business Math or Calculus
Science	Physical Science	Biology I	Environmental Science or Chemistry	Financial Management/ Communications
Social Studies	World Studies	American History	American Government	Anatomy/Physiology
Physical Education	Physical Education II - semester	Physical Education II Semester (if not taken during Freshmen year)	Spanish III	World Cultures

Ag- Semester	Healthy Living	Parenting OR Family Living		
Choir, Band, or Academic Assist	Spanish I	Spanish II		

Electives:

Band, Choir, Spanish III or IV, Art Classes, World Cultures, Physics, Anatomy/ Physiology, Sociology, Human Behavior, Chemistry, Physics, Environmental Science,, Calculus, Academic Assist
(Seniors only)

During the high school career students should have 1 credit of Fine Arts. Fine Arts includes: Band, Choir, Art,

****WEIGHTED GRADES****

Weighted grades will apply to the following advanced classes:

English	Math	Social Studies	Science	Other
Advanced English 12	Calculus	World Cultures	Physics	Spanish III
Comp I and II	Advanced Math		Anatomy/ Physiology	Spanish IV

- Any AP Class is weighted
- Pre-Approved College Credit Plus courses are weighted
- Starting in the 2017-2018 school year, Chemistry will no longer be a weighted course. Any student that has taken this course prior to the 2017-2018 school year will receive a weighted grade.

Weighted scale for the classes listed above is as follows:

A	5 points
B	4 points
C	3 points
D	1 point
F	0 points

The "weighted grades" are used to calculate the grade point average in determining honor roll status and in determining class standing for graduation purposes. "Unweighted grades" based on a 4.0 scale will be used in determining the G.P.A. for college transcripts, for scholarship applications, and for athletic eligibility and awards. Class standing is defined as the class order for graduation purposes based on the weighted GPA.

****SCHEDULING PROCEDURE****

1. Registration will be held in February and March. The counselor will meet with students in a classroom setting to discuss course choices and offerings, and will see students on an individual basis as needed.
2. Students take registration forms home for parental signature and for comment. This becomes the official registration.
3. After a student has signed up for a course during the spring scheduling process, a valid reason must be presented in order to change the schedule.
4. Freshmen, sophomores, and juniors will not be scheduled for more than one study hall. Seniors will not be scheduled for more than two study halls per day. Any variations from these guidelines must have principal approval.
5. Students must schedule classes in sequence. The programs are designed so that students become familiar or even master introductory and pre-requisite information before further application of knowledge occurs. Taking a class out of sequence will cause scheduling conflicts for the student in future years.

****DROPPING A COURSE****

A student may drop and/or add a class up to ten school days of each semester.

If the student is failing the course and is unable to do passing work, he/she will receive an F for the semester if the course is dropped after the 2-week deadline. Students who wish to drop a year-long course at the end of the first semester and are passing the course must have a conference with the teachers involved, counselor, and principal. Dropping a yearlong course for students who have passed for the first semester is strongly discouraged and will be allowed only if it involves extenuating circumstances as decided by the principal. The final decision regarding schedule changes and credits rests with the principal.

****PROCEDURE FOR CHANGING COURSE SCHEDULE****

1. The student explains reasons to the counselor why he/she wants to change classes (Include why dropping and why adding).
2. The counselor discusses the proposed change with the teacher of the class being dropped.
3. If approval is given by that teacher, the counselor discusses the proposed change with the teacher of the class being added.
4. Counselor may call parents or request that parents contact the guidance office.
5. The final decision on all course changes rests with the principal.
6. Students may not change classes without a valid reason.
7. Class size will be a factor.

****EARNING SEMESTER CREDIT****

The following procedures will be used in assigning semester credit for year-long classes:

1. In order to receive credit students must earn a passing grade as a semester average.
2. If a student fails the first semester, the student will continue in the class during the second semester. The best option for the student would be to make up that half credit during summer school or through a correspondence course.
3. If a student fails the second semester, the best option would also be for the student to make up the credit during summer school or through a correspondence course. A student may opt to take the full year of the course the following year, and, if the student earns a higher grade for the first semester than previously earned, the student may request a change of grade. No credit will be issued for repeating a successfully completed semester.
4. If a student fails both semesters, they must retake the entire course the following school year, or make up the credit through summer school or a correspondence course.
5. A student may not be enrolled in two English or Math courses during the same school year without teacher and principal approval. All students must be enrolled in one English course and one math course during grades 9, 10, and 11. All seniors must also be enrolled in an English class.
6. If a student has failed the first semester and passed the second semester of a yearlong class, the first semester and second semester grades can be averaged, upon student request. If this average is passing at 60% or above, the student will be awarded 1 full credit for the yearlong class.

Criteria for Diploma with Honors

High school students who exceed graduation requirements in Ohio are eligible to receive an Honors Diploma. Currently, there are three types of Honors Diplomas. The Academic Honors Diploma requires a student to earn higher level or more credits in mathematics, science and social studies. Additionally, the student must earn World Language credits and have a 3.5 GPA and either an ACT score of 27 or a SAT score of 1210.

Two other types are the International Baccalaureate Honors and Career Technical Honors Diplomas. While similar to the Academic Honors Diploma, there are differences. The International Baccalaureate Honors Diploma requires an additional World Language requirement and completion of the International Baccalaureate assessments in at least six academic areas. The Career Technical Honors Diploma does not require World Language credits and does require four career-technical education credits. The student also must earn an industry-recognized credential or be proficient on an appropriate career-technical assessment.

Students must meet all but one requirement to be eligible for any Honors Diploma

Comparison of Diplomas with Honors Criteria			
<i>Students need to fulfill all but one of the applicable criteria for the Diploma with Honors.</i>			
Subject	International Baccalaureate Diploma with Honors for Classes of 2012 and Beyond ***	Academic Diploma with Honors for Classes 2011 and Beyond	Career-Technical Diploma with Honors for Classes 2012 and Beyond
English	4 units, plus the two required International Baccalaureate essays	4 units	4 units
Mathematics	4 units, including Algebra I, Geometry, Algebra II or the equivalent and another higher level course or a four-year sequence of courses that contain equivalent content	4 units, including Algebra I, Geometry, Algebra II or the equivalent and another higher level course or a four-year sequence of courses that contain equivalent content	4 units, including Algebra I, Geometry, Algebra II or the equivalent and another higher level course or a four-year sequence of courses that contain equivalent content
Science	4 units including biology, chemistry and at least one additional advanced science ****	4 units, including two units of Advanced Science	4 units, including two units of advanced science ****
Social Studies	4 units	4 units	4 units
Foreign Language	4 units minimum, including at least 2 units in each language studied	3 units (must include no less than 2 units for which credit is sought), i.e., 3 units of one language or 2 units each of two languages	N/A
Fine Arts	1 unit	1 unit	N/A
Electives	N/A	N/A	4 units of Career-Technical Minimum. Program must lead to an industry recognized credential, apprenticeship, or be part of an articulated career pathway which can lead to post-secondary credit
Grade Point Average	3.5 on a 4.0 scale	3.5 on a 4.0 scale	3.5 on a 4.0 scale
ACT/SAT Score [excluding scores from the writing	27 ACT / 1210 SAT	27 ACT / 1210 SAT	27 ACT / 1210 SAT

sections]*			
Additional Assessment	Must complete criterion-referenced assessments in a minimum of six academic disciplines	N/A	Achieve proficiency benchmark established for appropriate Ohio Career-Technical Competency Assessment or equivalent

****GRAD POINT (NOVA)****

Prior authorization to enroll in Grad Point (NOVA) must have been given by the administration and guidance counselor.

Following is a list of courses available go to <http://www.abc-nova.org/Curriculum.aspx>

****SUMMER SCHOOL****

Students must have first failed a class before being permitted to take that class in summer school. Summer school classes are available online at Fayette Local School District and courses offered are generally but not limited to the list below. Exceptions may be considered.

- | | |
|---------------------|-----------------|
| American History | English 9 |
| World History | English 10 |
| American Government | English 11 |
| World Geography | English 12 |
| General Math | General Science |
| Algebra I | Biology |

****NATIONAL HONOR SOCIETY****

The National Honor Society is a national organization in which students may apply for membership. It is a Service organization based on the characteristics of: Character, Service, Leadership, and Scholarship. General Guidelines for applications are:

- A. Accumulate adequate credits to be deemed a junior or senior;
- B. Establish a cumulative grade point average (GPA) of 3.5 on a non-weighted grade scale.
- C. Complete an application form by the established deadline;
- D. Participation in a five to ten minute interview conducted by the governing NHS Board and moderated by the NHS advisor and/or principal may be required.
- E. Applicants denied membership will be notified in writing.

Other criteria must be met as well for induction and for maintaining eligibility must also be met. Further information regarding the National Honor Society and its by-laws may be found in the student handbook on approximately page 27.

****COLLEGE CREDIT PLUS****

College Credit Plus

Ohio's new College Credit Plus can help you earn college and high school credits at the same time by taking college courses from community colleges or universities. The purpose of this program is to promote rigorous academic pursuits and to provide a wide variety of options to college-ready students. Taking a college course from a public college or university College Credit Plus is free. That means no cost for tuition, books or fees. If you choose to attend a private college or university, you may have limited costs.

Your high school may have an agreement with a local college for specific courses; however, you can choose to take College Credit Plus courses from any college that offers a course that would benefit your future. This could include online courses. To learn more about College Credit Plus, please visit the [College Credit Plus webpage](#) at Ohio Higher Education.

NOTE: IF a student is interested in taking College Credit Plus, see the Guidance Counselor for information.

To enroll in the College Credit Plus Educational Options program, the student and parent must attend the mandatory meeting which will be scheduled in February or early March. The purpose of the meeting is to review the policies, legalities, and the academic outcomes from enrolling in the College Credit Plus program. At the conclusion of the meeting an "Intent to Participate" form will be distributed. This form must be signed and returned to the Fayette High School Guidance Office prior to April 1st. Failure to attend the meeting or to return the Intent form will disallow the student from participation

HS CLASS CHOICES

NOTE: Not all classes are scheduled every semester or every year. Some courses are offered only during certain school years. Please make sure you check with the Guidance Counselor if you have questions concerning when a class will be offered.

AGRICULTURAL EDUCATION	
<p>Agriculture, Food and Natural Resources</p> <p>CTA-Credit 1</p> <p>Required course: 7th Grade - ½ year 8th Grade – ½ year</p>	<p>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 and Supervised Agricultural Experience programs. Throughout the course, students will develop communication, leadership and business skills essential to the agriculture industry.</p>
<p>Animal and Plant Science</p> <p>CTA - Credit-1</p> <p>Length of Course: one year</p> <p>Grade 9</p>	<p>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.</p>
<p>Agriculture, Food and Natural Resources</p> <p>CTA - Credit: 1</p> <p>Length of Course: one year</p> <p>Grade 9-12</p>	<p>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 & management, plant & horticultural science, power technology and biotechnology. Students will be introduced to the FFA organization and begin development of their leadership ability.</p>
<p>Livestock Selection, Nutrition and Man.</p> <p>CTA - Credit-1</p> <p>Length of Course: one year</p> <p>Grade 10</p>	<p>Students will identify and apply principles and routine husbandry practices to production animal populations. Topics will include principles of nutrition, feed utilization, animal welfare, selection and management of facilities and herd populations. Students will apply knowledge of production animal care to enhance animal growth, selection of breeding stock, and management practices. Throughout the course, students will develop management plans reflecting practices for care and legal compliance.</p>
<p>Mechanical Principles</p> <p>CTA - Credit: 1</p> <p>Length of Course: One Year</p>	<p>Students will engage in the mechanical principles utilized in animal and plant production systems. They will learn electrical theory, design, wiring, hydraulic and pneumatic theory, along with metallurgy in relation to hot and cold metals. Students will apply knowledge of sheet metal fabrication applicable to the agricultural industry along with</p>

Grade 11	identify, diagnose, and maintain small air-cooled engines. Throughout the course, students will learn critical components of site and personal safety as well as communication and leadership skills.
Animal Health CTA - Credit: 1 Length of Course: One Year Grade 11	Students will examine causes, symptoms, and treatment of common diseases with emphasis on developing preventative health management plans. Topics will include the study of pathogens, and classifying types of diseases and disorders. Students will perform animal health assessments and compare to standard characteristics. Throughout the course, students will utilize principles of technology to manage information systems, and research issues affecting the industry.
Business Management for Agricultural and Environmental Sys. Grade 12 CTA - Credit: 1 Length of Course: One Year Subject Code: 010115	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.
NOTE: ALL STUDENTS ENROLLED IN AGRICULTURAL EDUCATION COURSES ARE REQUIRED TO BE MEMBERS OF THE FFA. DEFINITION OF FFA: The FFA is dedicated to making a positive difference in the lives of students by developing their potential for leadership, personal growth, and career success through agricultural education. The organization: <ul style="list-style-type: none"> - strengthens the confidence of students in themselves and their work - encourages achievement in supervised agricultural experience programs - encourages wise management of economic, environmental, and human resources of the community - develops interpersonal skills in teamwork, communications, human relations, and social interaction - builds character and promotes citizenship, volunteerism, and patriotism - promotes cooperation and cooperative attitudes among all people - promotes healthy lifestyles 	
ART EDUCATION	
Art I Prerequisite: None FAR - Credit -1 Length of Course: Full Year Grade Level: 9-12	Students enrolled in Art I will be introduced to many different artistic disciplines. These disciplines will include drawing, painting, design ceramics, and paper making. The drawings will range from freehand sketches to grid drawings and basic designs. The painting will include the use of acrylics, temperas, and watercolors. The ceramics will include hand building methods as well as throwing on the wheel. Various molds including face molds will be used in paper making.
Art II Elective-Credit-1	Students enrolled in Art II must have successfully completed Art I. Art II gives the students an opportunity to delve more deeply into the various disciplines of art introduced in Art I, or to concentrate on one specific

<p>Length of Course: Full Year</p> <p>Grade Level: 10-12</p>	<p>discipline. This concentration will allow students to increase their technical skills and expand creativity through choosing and completing special projects of interest to them. Teacher approval is required for all student projects.</p>
<p>Art III</p> <p>Prerequisite: Art II</p> <p>Elective - Credit -1</p> <p>Length of Course: Full Year</p> <p>Grade Level: 11-12</p>	<p>Students enrolled in Art III would have successfully completed Art I and Art II. Through their completion of those courses they would have the basics of many different disciplines of art. Art III will be an extension of Art II with independent projects. This will enable the serious art student to push their artistic abilities beyond their current capabilities.</p>
<p>Photography</p> <p>Prerequisite: None</p> <p>Elective - Credit -1</p> <p>Length of Course: Full year</p> <p>Grade Level: 9-12</p>	<p>First semester students will be taught photographic composition, camera handling techniques, and the basic processes required to develop black and white film. After students have exhibited proficiency in these basic techniques, class participants will push the creative envelope by using solarization, emulsion to emulsion and high contrast processes to create new works. The subjects for photo assignments will include but not be limited to: Landscapes/Seascapes/Cityscapes, Still-life arrangements, Candid and Formal Portraiture, Photo-journalism, etc., Sports action. Students must provide their own equipment.</p>
<p>Digital Photography</p> <p>Prerequisite: Photography</p> <p>Elective - Credit -1</p> <p>Length of Course: Full Year</p> <p>Grade Level: 10-12</p>	<p>Students enrolled in Digital Photography must have successfully completed Photography. Students will use Adobe Photoshop to manipulate their digital images. The subjects for Digital Photography projects will include but not be limited to:</p> <ul style="list-style-type: none"> Digital Collages Magazine Covers CD Covers Greeting Cards <p>Students must own their own digital camera. Cell phone cameras are not an acceptable substitute.</p>
<p>Advanced Digital Photography</p> <p>Prerequisite: Digital Photo.</p> <p>Elective - Credit: 1</p> <p>Length of Course: Full Year</p>	<p>Students enrolled in Advanced Digital Photography would have successfully completed Photography and Advanced Photography. Through their completion of those courses they would have already learned the basics of layout and composition as well as the workings of the digital camera. They would also be familiar with the use of Adobe Photoshop on the computer. This course will emphasize more advanced use of Adobe Photoshop and similar software to manipulate digital photographs. These photographs will be used for commercial applications like advertisements, flyers, and brochures.</p>

Grade Level: 11-12	
Video Production Prerequisite: Elective - Credit: 1 Length of Course: Full year Grade Level: 12	Description: Students plan and coordinate work with other students to produce projects on a tight timeline. They learn how to read and interpret a script, select and maintain equipment and combine graphics, text and special effects. Skills attained include pre-production documentation and planning; in-production audio and video recording; and postproduction editing and distribution.
BUSINESS EDUCATION	
Keyboarding 7 (Semester) Required Course	Keyboarding is an important skill for all students. With increasing computer usage, learning the keyboard and producing professional looking documents is a MUST. The skills learned will be very useful for students while in junior high and high school, a necessity for college, and important in any career. Topics will include – introduction of the alphabet keyboard and Learning correct finger placement.
Accounting I Prerequisite: Suggested minimum academic "C" average CTA, BUS - Credit: 1 Length of Course: Full year Recommended Grade Level: 11-12	Accounting is important for students who intend to pursue a business career. It is the basic course in learning to keep financial records for a business. Students will first learn an accounting cycle for a service business organized as a proprietorship. Next students will learn an accounting cycle for a merchandizing business. This course is a blend of face to face teaching with a classroom instructor and using a Learning Management System through Cengage called Mind tap. Students will complete an accounting simulation packet.
Accounting II Prerequisite: C or Above Average in Accounting I CTA, BUS - Credit: 1 Length of Course: Full year Grade Level: 11, 12	Accounting II is a continuation of Accounting I. Students will learn an accounting cycle for a merchandizing business organized as a corporation. Next students will learn advanced accounting skills accounting for Partnerships and recording International and Internet Sales. This course is a blend of face to face teaching with a classroom instructor and using a Learning Management System through Cengage called Mind tap.
Business Law I CTA, BUS, or Elective-Credit: ½ Length of Course: Semester Grade Level: 10-12	This course will prepare students for their role in the business world and their personal life. Students will learn about laws that will impact their life as a consumer, a worker, or a business owner. You will learn that business law is one of the most valuable subjects. You will study true situations that show how business and personal law impact not only business, but also the lives of young people and adults as well. This course will give you an understanding of legal principles you will use throughout your life.
Business Law II	Business Law II is a continuation of Business Law I. This course will

Prerequisite: Business Law I CTA, BUS, or Elective-Credit: ½ Length of Course: Semester Grade Level: 10-12,	continue to prepare students for their role in the business world and their personal life. Students will learn about laws that will impact their life as a consumer, a worker, or a business owner. You will learn that business law is one of the most valuable subjects. You will study true situations that show how business and personal law impact not only business, but also the lives of young people and adults as well. This course will give you an understanding of valuable legal principles you will use today and throughout your life.
Business Ethics Prerequisite: CTA, BUS, or Elective-Credit: ½ Length of Course: Semester Grade Level: 10-12	This course focuses on ethical decisions workers and students face in the work place and the educational environment. The course will present an ethical issue or problem confronting people at work and at school. Students will evaluate the ethical and unethical behaviors that they face on a daily basis and will learn ways to handle these stressful situations. This class will provide examples of ethical decisions, both good and bad, that are made in the workplace. This course will continue to prepare students for their role in the business world and their personal life. You will learn that business ethics is one of the most valuable and relevant subjects taught that can be applied immediately to your everyday life.
ENGLISH LANGUAGE ARTS	
English 7 Required Course	Students will be required to cover the topics of the writing process, writing applications, writing conventions, communication, research, vocabulary, reading processes and applications for both Literary and Information text. Students will be required to follow the Ohio Content Standards.
English 8 Required Course	Students continue to improve in writing skills, communication, vocabulary, as well as reading processes and applications of Literary and Informational text. Students will be required to follow the Ohio Content Standards.
English 9 Required Course ENG-Credit: 1 Length of Course: Full Year Grade Level: 9	Description: Freshmen English is a traditional introduction to high school English. The subjects covered will include, but are not limited to, literature, grammar, figurative writing, vocabulary, poetry, and short stories. Assignments and activities will work to enhance various abilities necessary for academic success, including such things as writing (i.e. fiction, nonfiction, and essay responses), reading comprehension, and listening, note taking and studying skills. Students will be required to take the END OF THE YEAR (EOY) exam given through the State of Ohio.
English 10 Required Course Prerequisite: English 9	Description: Sophomore English is a continuation of freshmen English with the emphasis on world literature and technical writing. Reading comprehension skills and literature analysis will be highlighted throughout the school year as a means of enhancing contextual elements of a given piece of writing. Grammar, figurative writing, vocabulary, poetry, and short stories will be ongoing. Also, students will be

<p>ENG-Credit: 1</p> <p>Length of Course: Full Year</p> <p>Grade Level: 10</p>	<p>introduced to the formal research paper. Students will be required to take the END OF THE YEAR (EOY) exam given through the State of Ohio.</p>
<p>English 11</p> <p>Required Course</p> <p>Prerequisite: English 10</p> <p>ENG- Credit: 1</p> <p>Length of Course: Full Year</p> <p>Grade Level: 11</p>	<p>Description: Junior English is a continuation of the English program with emphasis placed on American literature. Class meetings are a combination of lecture, large- and small-group discussion, and individual work. Topics for discussion include, but are not limited to, the American literature movements (i.e. Puritanism, Romanticism, Transcendentalism, and the Modernists), the elements of literature, vocabulary, making real-world connections to literature, and poetry/poetic devices. This course focuses on developing students' writing abilities through the application of skills that have been acquired in English 9 and English 10. Assignments are geared towards the creation of essays such as comparison/contrast, persuasive, and literature analysis. This course will also focus on completing various group and individual projects and acquiring knowledge of the research process.</p>
<p>English 12</p> <p>Required Course</p> <p>Prerequisite: English 11</p> <p>ENG-Credit: 1</p> <p>Length of Course: Full Year</p> <p>Grade Level: 12</p>	<p>Description: Senior English is the culminating course in the high school English program, with an emphasis placed on British literature. Class meetings are a combination of lecture, large- and small-group discussion, and individual work. Topics for discussion include, but are not limited to, the British literature periods (i.e. Anglo-Saxon, Medieval, Renaissance, Victorian, and Modern), the elements of literature, vocabulary, making real-world connections to literature, and poetry/poetic devices. Emphasis will be placed on college and technical writing skills with multiple research papers and technical essays being assigned throughout the year. This course will further students' writing abilities through the application of skills that have been acquired in English 9, 10, and 11. This course will also focus on completing various group and individual projects and increasing student knowledge of the research process.</p>
<p>Advanced English 12</p> <p>Can take the place of English 12</p> <p>Prerequisite: English 11 or Comp. I and II</p> <p>ENG-Credit: 1</p> <p>*Weighted Course</p> <p>Length of Course: Full Year</p> <p>Grade Level: 12</p>	<p>Description: Combined Advanced English 12 is intended for those students planning on continuing their education at a two- or four-year college or university. The literature emphasis will alternate yearly between British literature and American literature, ensuring that students will receive instruction from both genres prior to graduation. The course work will be more independent-driven than a typical English 12 class. This will require self-motivation and self-direction to a greater degree than most standard English classes. Mechanics, usage, grammar and style will be checked by use of produced works from the student (i.e. essays, research papers, and projects). Readings will be from novels, short works from the textbook, and supplemental material incorporated into the curriculum, and will be assigned primarily as independent reading. Writing will receive more attention with much more emphasis on research and writing for college as well as technical writing.</p>

<p>Oral Communications</p> <p>Prerequisite: None</p> <p>Elective-Credit: 1</p> <p>Length of Course: Semester</p> <p>Grade Level: 12</p>	<p>Description: Oral Communications is the study of interpersonal communications. It will cover both verbal and non-verbal speaking and listening skills. Students will participate in one-on-one, small group, and individual presentations. Technology assisted presentations will be included. Participation in discussion and a willingness to take and give constructive criticism is important. This course is required for all students beginning with the class of 2006 who attend the GFHS building in grades 9 through 12.</p>
<p>English 111: Composition I</p> <p>Prerequisite: A grade of “B” or better in ELA 10 or ELA</p> <p>Can take the place of English 11 or English 12</p> <p>ENG-Credit Hours: 1 for HS – 3 credits for College</p> <p>*Weighted Course</p> <p>Length of Course: Semester</p> <p>Grade Level: 11, 12</p>	<p>Course Description:</p> <p>This is an expository composition course emphasizing the expectations of college-level writing, including thesis development, support, and coherence. Students will gain experience using a variety of rhetorical modes. In addition to a number of full-length essays, a short documented paper, based on research materials and using parenthetical references, is required.</p>
<p>English 112: Composition II</p> <p>Prerequisite: C or better in College Composition I</p> <p>ENG - Credit Hours: 1 for HS – 3 credits for College</p> <p>*Weighted Course</p> <p>Length of Course: Semester</p> <p>Grade Level: 11, 12</p>	<p>Course Description:</p> <p>Building on the skills learned in Composition I, this course further develops the student’s writing and research experience, with an emphasis on analytical writing in response to critical reading and class discussion. Using MLA parenthetical documentation techniques, the student will write four short essays and a research paper.</p> <p>Course Background:</p> <p>English 112 builds upon the fundamentals taught in English 111. A student must have earned a grade of “C” or better in Composition I in order to receive credit for Composition II. It is assumed that the student understands and will be able to apply the various methods of logical organization typically used in essay writing. Further, it is assumed that the student is familiar with and will use the conventions of standard American English. Since papers will require research and correct documentation of those sources, it is expected that the student already has worked with the guidelines established by the Modern Language Association (MLA).</p>
<p>***FAMILY AND CONSUMER SCIENCE***</p>	
<p>Healthy Living</p> <p>CTA-Credit: ½</p>	<p>Description: Develop practical problem solving that influences cultural and social factors that affects the body weight and healthy lifestyles. Demonstrate safe food-handling practices related to food-borne pathogens and kitchen environments. Use time management strategies,</p>

Length of Course: semester Grade Level: 10-11	decision making skills, peer pressure and multi-cultural awareness that relate to educational, work and family goals that sustain productive, meaningful lifestyles. Students will also discuss healthy interpersonal relationships.
Financial Management Prerequisite: None CTA-Credit: ½ Length of Course: semester Grade Level: Grade: 11-12	Description: Course provides students with an understanding of the concepts and principals involved in managing one's personal finances. Topics may also include savings and investing, credit, insurance, taxes and social security, spending patterns and budget planning, contracts, and consumer protection. NOTE: Financial Management is required for all students completing grades 11 and 12 in the Fayette Building.
Child Development HEC-Credit: ½ Length of Course: semester Grade: 10-12	Description: Child Development will provide students with knowledge of how parents and child care providers meet the needs of infants and young children to provide for healthy growth and development. Prominent theories of child psychology will also be studied.
FOREIGN LANGUAGE	
Spanish I Prerequisite: Approval of Selection by Counselor FLR- Credit: 1 Length of Course: Full year Grade Level: 9-10	<i>Course Description:</i> Spanish 1 will provide the student with a general introduction to the Spanish language: sound system, pronunciation, functional vocabulary related to everyday life, cultural information and basic grammatical structures. Emphasis will be on the acquisition of four skills: listening, speaking, reading and limited writing. There are two main objectives to the course. Foremost is to give the students the ability to carry on a simple conversation. The second is to provide the students with instruction that teaches a basic understanding of Spanish culture, vocabulary, and grammatical concepts.
Spanish II Prerequisite: Spanish 1 or instructor approval upon completion of placement test. FLR- Credit: 1 Length of Course: Full year Grade Level: 10-12	Spanish 2 builds upon knowledge gained in Spanish 1. This course will also reinforce the skills learned in Spanish I: listening, speaking, reading and writing. Emphasis is on perfecting pronunciation, mastery of the basic grammatical structures, and increased communicative proficiency. Acquisition of functional vocabulary is expected. Students will be exposed to the past tenses, future, conditional and subjunctive mood. Students will be expected to apply them in their writing and speaking.
Spanish III Prerequisites: Successful completion of Spanish 1 & 2, or	This course builds upon knowledge gained in Spanish 1 & 2. The course is a continuation and recycling of knowledge acquired in Spanish 1 and Spanish 2, as well as an introduction to new vocabulary, structures and

<p>instructor approval upon completion of placement test.</p> <p>FLR- Credit: 1</p> <p>*Weighted Course</p> <p>Length of Course: Full year</p> <p>Grade Level: 11-12</p>	<p>expressions. Students will be expected to expand their vocabulary range to include more sophisticated terms, use advanced language expressions, verb tenses and grammatical concepts such as the pluperfect and the subjunctive mood. Students will view Spanish language films and read selected Spanish literature.</p>
<p>Spanish IV Prerequisite: Spanish III</p> <p>FLR- Credit: 1</p> <p>*Weighted Course</p> <p>Length of Course: Full Year</p> <p>Grade Level: 12</p>	<p>Description: Spanish IV completes the students' exposure to Spanish grammar. Application of grammar for certain situations will be used. Students will learn about individual Spanish speaking countries including their histories, cultures, and current situations. Students will also read literature and write short papers in the Spanish Language.</p>
<p>***HEALTH AND PHYSICAL EDUCATION***</p>	
<p>Health 7 (Semester)</p> <p>Required Course</p>	<p>This course studies many topics as they relate to one's physical, mental, emotional and social health, Violence and Injury prevention, Nutrition and Physical activity, Alcohol, Tobacco and other Drugs, Puberty, Hygiene and Abstinence, HIV, STD, and Pregnancy prevention, Communicable Diseases.</p>
<p>Physical Education 7 (Semester)</p> <p>Required Course</p>	<p>The physical education course is designed to promote good health through a variety of physical activities. Emphasis will be placed on fitness, sportsmanship, participation, and rules of games. Activities include: Warm-ups and calisthenics, Basketball, Volleyball, Baseball, Kickball, Running Activities and other games and sports.</p>
<p>Physical Education 8 (Semester)</p> <p>PHE-Credit: ¼ HS credit</p> <p>Required Course</p>	<p>The physical education course is designed to promote good health through a variety of physical activities. Emphasis will be placed on fitness, sportsmanship, participation, and rules of games. Activities include: Warm-ups and calisthenics, Basketball, Volleyball, Baseball, Kickball, Running Activities and other games and sports.</p>
<p>Career Search Required Course</p> <p>CTA or Elective-Credit- ½</p> <p>Length of Course: semester</p> <p>Grade Level: 8</p>	<p>Students will practice job skills, and interpret career and workplace issues. They will demonstrate how academic achievement influences personal career growth, conflict resolution techniques and apply social skills that lead to effective school, career and family relationships that lead to a healthy, caring, and responsible citizen.</p>
<p>Health Required Course</p> <p>Length of Course: Semester</p>	<p>Description: This course is a progression of 7th grade health which includes the study of Mental & Emotional health, Violence & Injury Prevention, Nutrition & Physical Activity Tobacco, Alcohol & Other Drugs, Human Sexuality and HIV, STD & Pregnancy Prevention and Non-Infectious diseases as it relates to one's physical, mental, emotional</p>

HTH-Credit- ½ Grade Level: 8	and social health. Students receive ½ High School credit
Physical Education I Required Course Length of Course: Semester PHE- Credit: ¼ High School Grade Level: 8	Description: The physical education class is designed to promote good health through a variety of physical activities including sports, games, running activities, etc. Emphasis will be placed on fitness, sportsmanship, participation, and rules of games and activities taught. Students are required to dress, prepare, and participate in the planned activities.
Physical Education II Required Course PHE-Credit: ¼ HS Prerequisite: Physical Ed. I Length of Course: Semester Grade: 9 or 10	Description: The physical education class is designed to promote good health through a variety of physical activities including sports, games, running activities, etc. Emphasis will be placed on fitness, sportsmanship, participation, and rules of games and activities taught. Students are required to dress, prepare, and participate in the planned activities.
MATHEMATICS	
Math 7 Required Course	Topics in seventh grade will include: Analyze proportional relationships Apply and extend previous understandings of operations with fractions Use properties of operations to generate equivalent expressions. Solve problems using numerical and algebraic expressions and equations Draw, construct and describe geometrical figures and describe the relationship between them Solve problems involving angle measure, area, surface area and volume Use random sampling to draw inferences; compare two populations Investigate chance processes to develop probability models.
Math 8 Required Course unless taking Algebra I – see information below	Topics from this area will include: Investigate irrational numbers; work with radicals and integer exponents Understand connections between proportional relationships, lines, and linear equations. Solve linear equations and pairs of simultaneous linear equations Define, evaluate and compare functions. Understand congruence and similarity in geometry Understand and apply the Pythagorean Theorem Solve problems involving volume of cylinders, cones, and spheres Investigate patterns of association in bivariate data NOTE: More emphasis is placed on algebra topics in 8 th grade
Algebra 1 Required Course	Algebra 1 is considered the first course in the college prep program. Students will continue their studies of operations across the real number

<p>Prerequisite: If taking in the 8th grade: Available through invitation only. Students will be evaluated through State Test scores, Classroom grades, Prognosis test and teacher input.</p> <p>MTH-Credit: 1</p> <p>Length of Course: One year</p> <p>Grade level: 8-9</p>	<p>system. Students will receive high school credit and will be required to take the END OF THE YEAR (EOY) exam given through the State of Ohio. Topics include: Evaluating Expressions, solutions of equations, rational expressions, factoring, absolute values, Pythagorean Theorem, systems of equations, graphical solutions, functional notation, roots, zeros and intercepts.</p>										
<p>Geometry Required Course</p> <p>Prerequisite: Algebra I</p> <p>MTH- Credit: 1</p> <p>Length of Course: Full Year</p> <p>Grade Level 9-10</p>	<p>Geometry is considered the second course in the college prep program. The students will study Euclidean geometry which is based on the concept that parallel lines in a plane do not intersect. Students will develop skills in both deductive and inductive reasoning. Students will be required to take the END OF THE YEAR (EOY) exam given through the State of Ohio.</p> <p style="text-align: center;">Topics covered are:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">Parallel and Perpendicular Lines</td> <td style="width: 50%;">Congruence</td> </tr> <tr> <td>Similarity</td> <td>Right Triangles</td> </tr> <tr> <td>and Trigonometry</td> <td>Circles</td> </tr> <tr> <td>Transformations</td> <td>Geometric Constructions</td> </tr> <tr> <td>Coordinate Geometry</td> <td>Three Dimensional Objects</td> </tr> </table>	Parallel and Perpendicular Lines	Congruence	Similarity	Right Triangles	and Trigonometry	Circles	Transformations	Geometric Constructions	Coordinate Geometry	Three Dimensional Objects
Parallel and Perpendicular Lines	Congruence										
Similarity	Right Triangles										
and Trigonometry	Circles										
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Coordinate Geometry	Three Dimensional Objects										
<p>Algebra II Required Course</p> <p>Prerequisite: Geometry</p> <p>MTH-Credit: 1</p> <p>Length of Course: Full Year</p> <p>Grade Level 10-11</p>	<p>Integrated Algebra II is a continuation of Algebra I. The course covers:</p> <ul style="list-style-type: none"> Polynomial, exponential, and logarithmic functions Inscribed functions and figures Trigonometry Standard Deviation Logical reasoning Sequences and series <p>Students will be required to take the END OF THE YEAR (EOY) exam given through the State of Ohio.</p>										
<p>Advanced Math Elective if a 4th unit of Math is needed for graduation requirements.</p> <p>Prerequisite: Algebra I, II, and Geometry</p> <p>MTH-Credit: 1</p> <p>*Weighted Course</p> <p>Length of Course: One Year</p> <p>Grade Level: 11, 12</p>	<p>Advanced Math covers the following topics:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">Inequality-Linear & Quadratic Functions</td> <td style="width: 50%;">Exponents & Logarithms</td> </tr> <tr> <td>Circle Trig.</td> <td>Vectors & Determinants</td> </tr> <tr> <td>Polar Coordinates</td> <td>Complex Numbers & Triangle Trig.</td> </tr> <tr> <td>Trig. Addition Formulas</td> <td>Probability & Statistics</td> </tr> </table>	Inequality-Linear & Quadratic Functions	Exponents & Logarithms	Circle Trig.	Vectors & Determinants	Polar Coordinates	Complex Numbers & Triangle Trig.	Trig. Addition Formulas	Probability & Statistics		
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<p>Business Math Elective to be used if a 4th unit of Math is needed for graduation requirements.</p> <p>Prerequisite: Algebra I, II, and Geometry</p> <p>BUS or MTH-Credit: 1</p> <p>Length of Course: One Year Grade Level: 11, 12</p>	<p>Description: Students Develop the skills necessary to solve mathematical problems, analyze and interpret data, and apply sound decision-making skills in business. Content should be based on National Business Education Association (NBEA) content standards.</p>
<p>Calculus Prerequisite: Advanced Math with grade of C or above</p> <p>MTH-Credit: 1</p> <p>*Weighted Course</p> <p>Length of Course: Full Year</p> <p>Grade Level: 12</p>	<p>Description: Calculus introduces the techniques of the differential and integral calculus functions. The course reinforces the algebraic and trigonometric skills and techniques learned in the Integrated Math C course and the Advanced Math (Pre-Calculus) course. Topics will include: Functions, Graphs, Limits, Continuity, and Derivatives.</p>
<p>***MUSIC EDUCATION***</p>	
<p>Band 7 Students must choose Band or Choir.</p> <p>Length of course: Full year</p>	<p>In 7th grade band students will continue to learn new musical ideas and concepts to enhance individual and group performance. Opportunities for students will include: Solo and ensemble contest, summer lessons, community performances and if chosen, Jr. High Music Festival. Grades are based on satisfactory participation in rehearsals and performances, and possible written work or</p>
<p>Choir 7 Students must choose Band or Choir.</p>	<p>This class focuses on many activities as they relate to music, the voice and vocal performance. Junior high chorus develops a good foundation for singling in high school as well as community and church events. Additional areas of study would include: Exposing students to new kinds of vocal music from different time periods and performing with fellow students for peer, school and community audiences. Students can also participate in the Jr. High Music Festival if chosen by the director.</p>
<p>Band 8 Students must choose Band or Choir.</p>	<p>In 7th grade band students will continue to learn new musical ideas and concepts to enhance individual and group performance. Opportunities for students will include: Solo and ensemble contest, summer lessons, community performances and if chosen, Jr. High Music Festival. Grades are based on satisfactory participation in rehearsals and performances, and possible written work or</p>

<p>Chorus 8 Students must choose Band, Choir.</p>	<p>This class focuses on many activities as they relate to music, the voice and vocal performance. Junior high chorus develops a good foundation for singing in high school as well as community and church events. Additional areas of study would include: Exposing students to new kinds of vocal music from different time periods and performing with fellow students for peer, school and community audiences. Students can also participate in the Jr. High Music Festival if chosen by the director.</p>
<p>High School Instrumental Music Prerequisite: Ability to play a band instrument FAR-Credit: 1 Length of Course: One Year Grade Level: 9-12</p>	<p>Description: Senior High Band includes concert band, basketball pop band, and parade marching band. Each student performs for school and community functions. Students will also have opportunities to participate in Solo and Ensemble, All-County Honors Band, District 1 Honors Band, and other honors events if they choose to participate. Grades are based on satisfactory participation in rehearsals and performances, and possible written work or examinations.</p>
<p>High School Choir Prerequisite: None FAR-Credit: 1 Length of Course: One Year Grade Level: 9-12</p>	<p>Description: High School Chorus is an ensemble-based class that introduces various styles of music, choreography, and sight-singing. There are required and optional ensembles and performances outside of the classroom. Grades are based on concert attendance, class participation, journal entries, and/or written examinations.</p>
<p>Music Appreciation & Technology in the 21st Century 1 Prerequisite: None Credit- FAR: 1 Length of Course: One Year Grade Level: 9-12</p>	<p>This year long course held once a day is designed to help students appreciate and understand music more fully. Units include an exploration of basic recording equipment and learning the skills of music production through an online digital audio workstation. Students will also study the basic elements of music, and be exposed to a history of western classical music, tracing the musical roots of the artists they enjoy listening to today. Students will also learn about the legal & ethical issues related to digital music production, sharing, and complying with Fair Use guidelines and all intellectual property law. Ultimately the class is project based with the end goal of students creating their own album of original works and learning how to distribute and share their music in the 21st century. In addition each student's best work will then be selected to be a part of a class album.</p>

<p>Music Appreciation & Technology in the 21st Century 2</p> <p>Prerequisite: Passing Music Appreciation & Technology 1 with at least a C- or better.</p> <p>Credit- FAR: 1</p> <p>Length of Course: One Year</p> <p>Grade Level: 10-12</p>	<p>This year long course held once a day is designed to help students appreciate and understand music more fully through a deeper study and applicable use of concepts and ideas learned in Music Appreciation & Technology 1. Units include a deeper exploration of recording equipment and techniques while expanding their skills of music production through a different digital audio workstation. Students will also study the basic elements of music more in depth, and be exposed to a wider history of western classical music, tracing the musical roots of the artists they enjoy listening to today. Students will also learn about the legal & ethical issues related to digital music production, sharing, and complying with Fair Use guidelines and all intellectual property law. Ultimately the class is project based with the end goal of students creating their own album of original works and learning how to distribute and share their music in the 21st century. In addition each students work will then be selected to be a part of a class album.</p>
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*****SCIENCE*****

<p>Science 7 Required Course</p>	<p>Students in Science 7 will study the following topics; Cycles and Patterns of Earth and the Moon Conservation of Mass and Energy Cycles of Matter and Flow of energy Scientific Inquiry and Application Laboratory Safety In addition, students will have many experience as an individual and in a group to question, design, analyze, and communicate scientific knowledge gained through discovery.</p>
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<p>Science 8 Required Course</p>	<p>Students will study the following topics: Physical Earth, Moon and Motion, Species and Reproduction, Scientific Inquiry and Application, Laboratory Safety. In addition, students will have many experience as an individual and in a group to question, design, analyze, and communicate scientific knowledge gained through discovery.</p>
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<p>Physical Science Prerequisite: None</p> <p>SCI-Credit: 1</p> <p>Length of Course: One year</p> <p>Grade Level: 9</p>	<p>Description: Physical science is a high school level course, which satisfies the Ohio Core science graduation requirements. 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. Physical science is an inquiry-based laboratory experience engaging students in asking valid scientific questions and gathering and analyzing information.</p>
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<p>Biology Required Course</p> <p>Prerequisite: Physical Science</p> <p>SCI-Credit: 1</p> <p>Length of Course: One Year</p> <p>Grade level: 10</p>	<p>Description: Biology investigates the composition, diversity, complexity and interconnectedness of life on Earth. Fundamental concepts of heredity and evolution provide a framework through inquiry-based instruction to explore the living world, the physical environment and the interactions within and between them. Students will engage in investigations to understand and explain the behavior of living things in a variety of scenarios that incorporate scientific reasoning, analysis, communication skills and real-world applications.</p> <p>Students will be required to take the END OF THE YEAR (EOY) exam given through the State of Ohio.</p>
<p>Environmental Science Elective Course</p> <p>Prerequisite: Grade 10 students need a recommendation from previous Science Teacher</p> <p>SCI-Credit: 1</p> <p>Length of Course: One year</p> <p>Grade Level: 10-12</p>	<p>The goal of this curriculum is to educate students about how the Earth and its processes affect humans and life. The course begins with the origin of Earth and builds up to abiotic subjects such as weather and biotic subjects such as ecology. The final unit of the course is an exploration of the careers and pathways for students who go on to study Earth and Environmental Sciences.</p> <ul style="list-style-type: none"> - Origin of Earth - Geology/Mineralogy - Surficial processes - Climate and weather - Ecology - Humans and the Earth
<p>Anatomy/Physiology Elective Course</p> <p>Prerequisite: Biology</p> <p>SCI-Credit 1</p> <p>*Weighted Course</p> <p>Length of Course: One Year</p> <p>Grade Level: 11, 12</p>	<p>Description: This course is designed for college prep students. It is highly recommended for students interested in the medical, health care, or scientific fields. The major themes covered in the course are:</p> <ul style="list-style-type: none"> The organization of the human body The supporting framework and movement of the human body Digestive, respiratory, and transport systems of the human body Coordination, control, regulation, and development of the human body <p>Students will complete investigations, dissections, and lab experiments as they explore various aspects of the functioning human body. Students will also gain in-depth knowledge of the systems by which their body functions properly and will be able to apply this to their own health and well-being.</p> <p>This course will be offered only when scheduling parameters permit.</p>
<p>Chemistry Elective Course</p> <p>Prerequisite: Biology</p> <p>SCI-Credit: 1</p> <p>Length of Course: One Year</p> <p>Grade Level: 11, 12</p>	<p>Description: 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.</p> <p>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.</p>

<p>Physics Elective Course</p> <p>Prerequisite: Biology, Chemistry is strongly recommended</p> <p>SCI-Credit: 1</p> <p>*Weighted Course</p> <p>Length of Course: One Year</p> <p>Grade Level: 11, 12</p>	<p>Description: 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.</p> <p>This course will be offered only when scheduling parameters permit.</p>
<p>Astronomy/Geology Elective Course</p> <p>SCI-Credit: 1</p> <p>Length of Course: One Year</p> <p>Grade Level: 11,12</p>	<p>Description: Advanced high school level course that satisfies Ohio’s Science graduation requirements as required by section 3313.603 of the Ohio Revised Code, which requires inquiry-based laboratory experiences that engage students in asking valid scientific questions and gathering and analyzing information. Course develops specialized content beyond what is outlined in Ohio’s New Learning Standards for Science to extend connections, depth, and detail of the major concepts and principles of earth and space sciences. Content may include concepts in Astronomy, Oceanography, Meteorology, Geology, or natural resources.</p>
	<p>Description:</p> <ul style="list-style-type: none"> • Students will focus on learning the engineering design process. Students will follow the engineering design process to: <ol style="list-style-type: none"> 1. Identify a problem 2. Research and brainstorm ideas 3. Create best solution 4. Test solution 5. Evaluate their solution • This course will require completion of a project. • Students will use the program, Tinkercad, to design parts for projects and learn how to use a 3D printer. • Students will research STEAM career fields • Changes may be made to this guide at the discretion of the district or due to lack of resources.

<p>STEAM (Science, Technology, Engineering, Arts, Math)</p> <p>Elective Course – Engineering Design</p> <p>SCI-Credit: ½</p> <p>Length of Course: Semester</p> <p>Grade Level: 10, 11,12</p>	<p>Description:</p> <ul style="list-style-type: none"> • Students will use the program, Tinkercad, to make a unique creation and use a 3D printer to print their creation. • Students will use Code.org to learn how to code. <ul style="list-style-type: none"> ▪ Students will write code and implement their code. • Students will have the following options: <ul style="list-style-type: none"> ▪ Build a Lego Robot and write code for it. ▪ Use Tinkercad to create a design that solves a real world problem, print it on the 3D printer, and implement it. ▪ Use Sketchup Pro to design a building. • Students will research STEAM career fields. <p>Changes may be made to this guide at the discretion of the district or due to lack of resources.</p>	
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<p>Earth Science</p> <p>Elective Course</p> <p>SCI-Credit: ½</p> <p>Length of Course: Semester</p> <p>Grade Level: 10, 11, 12 (Freshman may be recommended by previous Science Teacher)</p>	<p>Description: This course will cover what makes up the Earth and the processes on it. We will start with rocks, minerals, and gems. We will then move on to the history of the earth and plate tectonics, and finish with resources and how the Earth’s surface changes over time due to forces such as glaciers or rivers.</p> <p>Curriculum in brief:</p> <ul style="list-style-type: none"> • Minerals and gems • Rock Types • Earth History • Plate tectonics • Earth’s resources • Fluvial and alluvial actions (water and air erosion) • Weather and climate 	
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<p>Astronomy</p> <p>Elective Course</p> <p>SCI-Credit: ½</p> <p>Length of Course: Semester</p> <p>Grade Level: 10, 11, 12 (Freshman may be recommended by previous Science Teacher)</p>	<p>Description: Astronomy is the study of outer space and our place in it. This course will begin studying planets and our solar system. We will continue with stars, and conclude with large scale bodies such as galaxies, black holes, and superclusters. Along the way we will discuss topics such as the future of space travel and possibilities of alien life.</p> <p>Curriculum in brief:</p> <ul style="list-style-type: none"> • Effects on Earth (tides, night and day, lunar cycles) • Planets and the solar system • Matter and light • Stars and stellar evolution • Galaxies • Black holes and superclusters • Edge of the universe 	
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*****SOCIAL STUDIES*****

<p>Social Studies 7 Required Course</p>	<p>This course will focus on World Studies from 1000 B.C. to 1750 A.D. The course will cover major civilizations such as Greeks and Romans, as well as those in China and India. Coursework will discuss major events in Western European history such as the Muslim conquest, the development of the Holy Roman Empire, the Crusades, and feudalism. This course is aligned with the current content standards developed by the Ohio Department of Education.</p>
<p>Social Studies 8 Required Course</p>	<p>This course will focus on American History from Colonization through the Reconstruction period following the Civil War. Major topics will include colonization of America, the American Revolution, the framing of the constitution, the Jeffersonian era, the Age of Jackson, westward expansion, slavery and the aftermath after the Civil War. This course is aligned with the current content standards developed by the Ohio Department of Education.</p>
<p>World Studies Required Course</p> <p>SOC-Credit: 1</p> <p>Length of Course: Full Year</p> <p>Grade Level: 9</p>	<p>Description: This freshman course focuses on world events from 1750 - present. It will emphasize major world events in the time period including the Enlightenment, the Industrial Revolution, Imperialism, World Wars I and II, the Holocaust, and the Cold War. It will focus on the political, economic, and social phenomenon of this era. The course will examine the characteristics of socialism, communism, fascism, totalitarianism and their impact on modern society. This course is aligned to the most recent content standards developed by the Ohio Department of Education.</p>
<p>American History Required Course</p> <p>Prerequisite: World Studies</p> <p>SOC-Credit: 1</p> <p>Length of Course: Full Year</p> <p>Grade Level: 10</p>	<p>This course will provide a study of the time period of World War I (1914) through the present to provide a context for the six strands of the social studies program. Events in American history are studied within the realm of world events. This course provides students the opportunity to extend and clarify perspectives gained in previous years as they examine the issues of the Twentieth Century and speculate on the prospects for the Twenty-first Century. Students will be required to take the END OF THE YEAR (EOY) exam given through the State of Ohio.</p>
<p>American Government Required Course</p> <p>SOC-Credit: 1</p> <p>Length of Course: One Year</p> <p>Grade Level: 11</p>	<p>Description: American Government is a basic course on the legal rights and responsibilities of people in their relationships with their families, employers, police, and government. Topics to be covered include: civil and criminal law, types of crimes, legal procedures, due process, search and seizure, freedom of expression, and other civil rights.</p> <p>The course will survey the workings of the American Government as well as its structure and policy. It will deal with the concepts of federalism, the Constitution, and the legislative, executive, and judicial branches of the national government. Students will study the heritage which Americans have utilized in shaping and preserving this government, the process of citizenship, and the roles of political parties and pressure groups in the United States of America. Students will be required to take the END OF THE YEAR (EOY) exam given through the State of Ohio.</p>

<p>World Cultures Elective Course</p> <p>Prerequisite: American History</p> <p>SOC-Credit: 1</p> <p>*Weighted Course</p> <p>Length of Course: Full Year</p> <p>Grade Level: 11, 12</p>	<p>This course offers a global perspective with an emphasis on social history and a traditional approach covering geographic regions and political history. The course will also introduce students to great figures and works in literature, music, dance, philosophy, painting, sculpture, architecture, and a global understanding of humanities. Each is discussed in terms of the historical events of the times and within the context of its connections to other times and places.</p>
<p>Human Behavior Elective Course</p> <p>SOC-Credit: 1</p> <p>Length of Course: Semester</p> <p>Grade Level: 11, 12</p>	<p>Description: A study of human psychology will cover three major areas, including human development, learning, and social interaction. The study of human development ranges from babies to teenagers and ask the questions, "When does development stop?"</p> <p>The process of learning and memory is studied. Topics include: remembering and forgetting, language and thought, and motivation and socialization. A paper dealing with social interaction or an approved topic may be required, along with observations of psychological experiments.</p>
<p>Sociology/Physiology Elective Course</p> <p>SOC-Credit: 1</p> <p>Length of Course: Semester</p> <p>Grade Level: 11, 12</p>	<p>Description: Sociology is the study of groups of people. Emphasis is placed on social phenomena and laws controlling human institutions. Family, crime, unstructured behavior, marriage, and religion are some of the topics studied. Independent works in interest areas related to the field of sociology will be required, as well as the ability to take an active positive role in classroom discussions.</p>

<p>Psychology</p> <p>Elective Course</p> <p>SOC-Credit: 1</p> <p>Length of Course: All Year</p> <p>Grade Level: 11, 12</p>	<p>This year long course will introduce students to the study of behavior and mental processes (thinking/feeling). We will be exploring many of the major fields of psychology which include:</p> <ul style="list-style-type: none">• History of psychology• The function of the brain• Social psychology• Research methods• Biology of behavior• Nature vs. nurture• Gender• Human development• Personality• Learning• Cognition• Emotion• Stress and health• Indepth look into abnormal psychology <p>We will also spend time exploring the emerging area of positive psychology as well as current studies in psychology.</p>
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