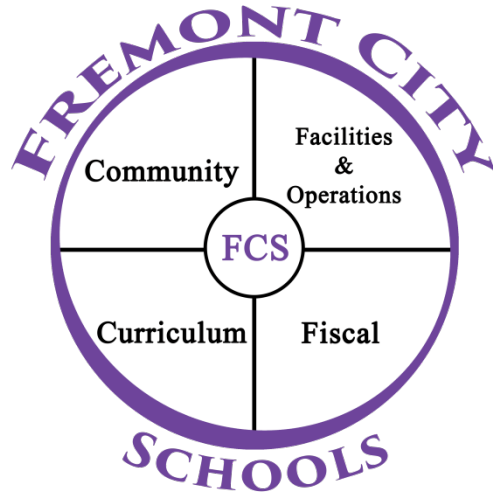


Fremont City Schools



Fremont Ross High School Course Description Guide 2021-2022

Mission Statement: We are committed to delivering a means to live as high achieving students, high performing workforce members, community stakeholders, and diverse individuals.

Vision Statement: Develop individuals who will thrive as they find their place in their local and global world.

Board of Education

Mary Alice Espiritu
Alex Gorobetz
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Violetta Rhea

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ROSS PROGRAMS

Students who elect to take their classes at Ross High School can choose from numerous courses offered by 16 different departments. In addition to the basic, state-mandated core curriculum of English, mathematics, science, social studies, health, and physical education; students, in consultation with their parents/guardians and guidance counselors, can choose electives in agriculture, art, business/technology, family and consumer science, foreign language, engineering, and music. Classes range in content from basic to advanced, and all students are encouraged to advance to the highest level of coursework within their capabilities. To meet the needs of all Ross students, several alternative classes and programs are in place.

- Ross students who desire a more challenging curriculum can elect to take Advanced Placement classes – college level classes for possible college credit – in English Composition and Literature, English Language and Composition, American History, European History, Biology, Physics, Chemistry and Spanish.
- Students may also choose the College Credit Plus program – college classes taken by high school students in cooperation with Ohio colleges – offers an excellent bridge between high school and college. Ross High School will be offering a variety of courses through Bowling Green State University which will be taught on campus by Ross teachers.
- Students who wish to focus on specific career skills can take advantage of the ½ day program at Vanguard-Sentinel Career & Technology Centers. Students take their academic classes at Ross High School and spend ½ day participating in the lab of their choice at Vanguard-Sentinel Career & Technology Centers. Students may also take all of their classes at Vanguard-Sentinel Career & Technology Centers if they have earned passing scores on State Tests necessary for graduation.
- Work/Community Service allows students to spend part of the school day involved in a part-time job or volunteering at area agencies. This needs to be approved by the building principal.
- The Early College Program is an advanced academic program that allows high school students to earn college credits during their four years at Fremont Ross. Students selected for this program will have the opportunity to study Manufacturing, Engineering and Technology or Health Information Technology. Upon successful completion of the program, each student will have earned their high school diploma, a career related certificate, and an Associate’s degree.
- Ross High School will offer a Personalized Learning Center for our students. Students will utilize online curricula for these courses which will allow 24 hour/ 7 day a week access to their learning material. This program is for students who may struggle in the traditional classroom setting or require educational services delivered remotely. This flexible program will provide a myriad of options for our students at Ross. Each student will be provided with a personalized plan and support from teachers and tutors.

CREDIT FLEXIBILITY

In 2006, the Ohio General Assembly established the Ohio Core Curriculum (Senate Bill 311), which raised expectations for what all Ohio students must know and be able to do to earn a high school diploma. At the same time, SB 311 directed the State Board of Education to develop a statewide plan for implementing methods for students to earn units of high school credit based on the demonstration of subject area competency. In addition to raising the expectations for graduation, lawmakers provided flexibility to students and educators to successfully meet these higher expectations.

Developed by the Ohio Credit Flexibility Design Team, Ohio’s Credit Flexibility Plan shifts focus from evaluating student learning based on seat time to assessing students’ demonstrated academic and skill level or performance. The plan does not eliminate Carnegie units or “seat time” requirements altogether. Rather, it retains seat time as one

option and expands the number of options for earning credit by adding demonstration of subject area competency and structures that support it irrespective of any time requirements.

Credit Flexibility:

- Offers learning opportunities not found in the one-size-fits-all factory process model;
- Focuses on performance, not seat time;
- Acknowledges and addresses students' differing learning styles, paces and interests;
- Offers students opportunities to demonstrate creativity, explore academic and career interests, and practice critical thinking;
- Recognizes that measures of engagement and ownership are as important for achievement as measures of attendance and access.

With credit flexibility, students can earn credit in three ways, or in a combination of these ways:

1. By completing traditional coursework
2. By testing out or otherwise demonstrating mastery of the course content; or
3. By pursuing one or more educational options (e.g., distance learning, educational travel.)

Students choosing to earn high school credit through a credit flexibility option must meet with their teacher and school counselor prior to completing a credit flexibility application. This session is designed to inform students of all aspects of credit flexibility as well as determine how the proposal aligns with the students' college and career readiness. During the session, students will receive a credit flexibility student application which they will complete under the supervision of their parents. The application will then be reviewed by the appropriate credit flexibility personnel.

Credit Flexibility Program guidelines and procedures are available in the counseling office, main office, or the district website.

GRADUATION REQUIREMENTS

To receive a diploma from Fremont Ross High School and participate in Commencement, Ross and Ross/Vanguard students must earn twenty-one and half (21.5) credits, successfully complete an approved graduation pathway, and pay all school fees, and meet the following requirements:

1. 4 credits of English
2. 3 credits of Social Studies including the following:
 - 1 credit World History
 - 1 credit U.S. History
 - 1 credit American Government(For students new to Fremont, some substitution may be allowed at the discretion of the Principal)
3. 3 credits of Science
 - 1 credit of Biological Science
 - 1 credit of Physical Science
 - 1 credit of Science elective
4. 4 credits of Mathematics including Algebra II (or equivalents)
5. ½ credit of Health
6. ½ credit of Physical Education/or waiver
7. ½ credit of Little Giant Pathway
8. 1 credit of Fine Arts is required by the state during grades 7-12
9. Electives as needed to equal 5 credits

STUDENT RECOGNITION (GRADUATION)

For the graduating classes of 2022 and beyond:

The class ranks of students will be calculated and reported consistent with board policies and guidelines, but **will not** be published. Students will be recognized according to the honors listed below:

Honor	G.P.A.
Cum Laude	3.5-3.749
Magna Cum Laude	3.75-3.899
Summa Cum Laude	3.90-4.0 and above

How to Earn Diploma with Honors

High School Academic Diploma with Honors <i>Students need to fulfill all but 1 of the following:</i>		Career-Technical Diploma with Honors <i>Students need to fulfill all but 1 of the following:</i>	
Grade Point Average	3.5 on a 4.0 scale (unweighted)	Mathematics	4 units, including Algebra I, Geometry, Algebra II or equivalent and one other higher level course
ACT/SAT Score	27 ACT/1280 SAT (excluding optional writing)	Science	4 units, including 2 units of advanced science
Mathematics	4 units, including Algebra I, Geometry, Algebra II or equivalent and one other higher level course	Social Studies	4 units
Science	4 units, including 2 units of advanced science	English Language Arts	4 units
Social Studies	4 units	Career Tech Program	4 units of Career-Technical that leads to Industry Recognized Credential, results in apprenticeship, or is part of an articulated career pathway that leads to post-secondary credit
English Language Arts	4 units	World Language	2 units of one world language
World Language	3 units of one world language or no less than 2 units each of 2 world languages	Portfolio	Develop comprehensive portfolio of work based on field experience or area of focus
Fine Arts	1 unit	Field Experience	Complete field experience and document the experience in a portfolio specific to area of focus
		Grade Point Average	3.5 on a 4.0 scale (unweighted)
		ACT WorkKeys	6 ACT WorkKeys reading 6 ACT WorkKeys math
		Proficiency Benchmark	Achieve the proficiency benchmark established for the appropriate Ohio Career-Technical Competency Assessment

Arts Honors Diploma <i>Students need to fulfill all but 1 of the following:</i>		Social Science and Civic Engagement Honors Diploma <i>Students need to fulfill all but 1 of the following:</i>	
Grade Point Average	3.5 on a 4.0 scale (unweighted)	Grade Point Average	3.5 on a 4.0 scale (unweighted)
ACT/SAT Score	27 ACT/1280 SAT (excluding optional writing)	ACT/SAT Score	27 ACT/1280 SAT (excluding optional writing)
Mathematics	4 units, including Algebra I, Geometry, Algebra II or equivalent and one other higher level course	Mathematics	4 units, including Algebra I, Geometry, Algebra II or equivalent and one other higher level course
Science	3 units, including 1 unit of advanced science	Science	3 units, including 1 unit of advanced science
Social Studies	4 units	Social Studies	5 units
English Language Arts	4 units	English Language Arts	4 units
World Language	3 units of one world language or no less than 2 units each of 2 world languages	World Language	3 units of one world language or no less than 2 units each of 2 world languages
Fine Arts	4 units	Fine Arts	1 unit
Electives	2 units of electives with a focus in fine arts coursework	Electives	3 units of electives with a focus in social science and/or civics coursework
Field Experience	Complete field experience and document the experience in a portfolio specific to area of focus	Field Experience	Complete field experience and document the experience in a portfolio specific to area of focus
Portfolio	Develop comprehensive portfolio of work based on field experience or area of focus	Portfolio	Develop comprehensive portfolio of work based on field experience or area of focus

STEM Honors Diploma <i>Students need to fulfill all but 1 of the following:</i>			
Grade Point Average	3.5 on a 4.0 scale (unweighted)	Fine Arts	1 unit
ACT/SAT Score	27 ACT/1280 SAT (excluding optional writing)	World Language	3 units of one world language or no less than 2 units each of 2 world languages
Mathematics	5 units, including Algebra I, Geometry, Algebra II or equivalent and one other higher level course	Electives	2 units of electives with a focus in STEM coursework
Science*	5 units, including 2 unit of advanced science	Field Experience	Complete field experience and document the experience in a portfolio specific to area of focus
English Language Arts	4 units	Portfolio	Develop comprehensive portfolio of work based on field experience or area of focus
Social Studies	4 units		

*1 single course may fulfill the fifth required credit in both science and mathematics for the STEM honors diploma.

DAILY CLASS LOAD FOR GRADES 9-12

Unless special permission is granted by the principal, students are required to carry at least six (6) courses each semester unless he/she is involved in the Work/Community Service program, College Credit Plus or an Independent Study Project.

PROCEDURES FOR COURSE CHANGES FOR GRADES 9-12

The courses selected in the spring will determine the schedule of classes for the next year. Registration in a course requires a commitment on the part of the student to that course. Course changes must be made within the first five days of the semester. We feel that students have freedom of choice regarding the classes they and their parents select for the coming school year; therefore, once choices are made, changes will be made for the following reasons only:

1. **Irresolvable Conflict**: This could be defined as the offering of two courses at the same time or other scheduling conflicts.
2. **Lack of Required Subject Prerequisites**: This would include subjects which are necessary to meet graduation requirements.
3. **Procedural Errors**:
 - a. Omission of a required class and/or credits for graduation when marking the registration sheet.
 - b. Error in transferring course selection information into the computer.
4. **Interdepartmental**: This would include changing to a more difficult or less difficult course within a department.
5. **Summer School**: Students in summer school who complete a course for which they are scheduled in the fall will be permitted to substitute another class for that course only.
6. Exceptional circumstances as determined by administrator

ADDING A COURSE FOR GRADES 9-12

Students wishing to add a course may do so by consulting with a counselor. Adding will be permitted only during the first five (5) days of a semester and only if the new class has seats available. Exceptional circumstances will be considered by the administrator. Students need to make up any class work missed before they are enrolled in the course.

WEIGHTED COURSES

Ross High School no longer weights courses. All courses will operate using the 4.0 scale. This will include all CCP courses a student may take. Students who have previously earned weighted credit will retain that credit.

ATHLETIC ELIGIBILITY

A student enrolled in the first grading period after advancement from the eighth grade must earn a grade point average of at least 1.5, fail no more than one subject and receive passing grades in a minimum of five units or the equivalent in the preceding grading period in which the student was enrolled.

CORE CURRICULUM FOR COLLEGE ADMISSION (STATE OF OHIO):

English – 4 credits

Social Studies – 3 credits

Math – 4 credits including Algebra, Geometry,
Algebra II or equivalents

Science -- 3 credits including Biology, Chemistry, and Physical Science

World Languages -- 2 credits of same language

Visual or Performing Arts -- 1 credit

NCAA CORE COURSES FOR COLLEGE SPORTS ELIGIBILITY

Most core classes have been approved by the NCAA as meeting their “core course” guidelines. Check with your counselor for the entire list. If you anticipate playing sports at the Division I or II college level, please speak with your coach and counselor to make sure you are taking the appropriate courses. Athletes who intend to play a Division I or II college sport must apply to the NCAA Eligibility Center no later than fall of their senior year (www.ncaaclearinghouse.net). NCAA recommends registering at the beginning of Sophomore year.

Ohio State Testing Requirements

Graduation Class of 2022	Graduation Class 2023 and Beyond
<p>Ohio State Test (OST)</p> <p>Algebra I Geometry Biology American History American Government English I English II</p>	<p>Ohio State Test (OST)</p> <p>Algebra I English II Biology* American History* American Government*</p> <p>*Assessments in these subjects are required to be administered, but students earning less than a 3 on the assessment could earn graduation seals in another manner.</p>
Schedule of Tests	
<p>Students will take an End of Course (EOC) test in April-May. All students in need of a qualifying score (3 or higher) on an assessment will be expected to sit for the exam. Students choosing to miss their scheduled assessments understand they are limiting their pathway to graduation.</p>	

Accumulating Points on State Tests for the classes of 2022

Students have an opportunity to earn one to five graduation points on each End of Course test. Students have the potential to earn a total of 35 points. To meet this portion of the graduation requirement, students must earn a minimum of 18 points from all tests. Of the 18 graduation points, a student must earn at least four points on English tests, four points on math tests, and six points on science and social studies tests combined.

Accumulating Points on State Tests for the classes of 2023 and beyond

Students have an opportunity to earn one to five graduation points on each End of Course test. Students in the graduating classes of 2023 and beyond must earn a 3 or higher in Algebra I and English II in order to show competency. Students must then earn diploma seals in 2 of the 12 available areas to show readiness for their post high school life.

Graduation Seals

Ohio law requires that students show readiness by earning graduation seals. Students should choose seals that align to their goals and interests. The Ohio Department of Education has designed the seals linked below for this purpose.

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

Earning a Ross High School Diploma

Earning a Ross High School diploma is awarded to those students who have satisfied both Fremont City Schools and the Ohio Department of Education requirements for graduation. Changes in law have created an opportunities for students to earn their diploma in a variety of ways. Fremont City Schools requires graduates to have earned at least 21.5 credits. The following link to the Ohio Department of Education will aid parents in better understanding the state requirements for high school graduation

[Overview of Graduation Requirements by Graduating Class](#)

Families seeking to better understand the graduation requirements for their child are encouraged to contact their child’s guidance counselor or a Ross administrator.

Freshman Class of 2025

Required Freshman Classes

English 9
World History
Physical Science or Biology
Algebra I or Geometry or
Algebra I Fundamentals
Physical Education or
Athletic/Band Waiver
Little Giant Pathway or
UNIV 1310: Career and Life
Planning & ACEN 1210-
Transitions

Game Time

Ever since you entered kindergarten, you have been preparing yourself for high school. Believe it or not, your teachers have been working hard to get you ready for your freshman year since you were five. Much like an athlete prepares for the “Big Game”, you were preparing for a positive high school experience. While practice is very important, what really matters is the final score of the “Big Game”. It is during your freshman year when we begin keeping track of the score. In other words, your classes now begin counting toward graduation. From now on, what you do will affect your grade point average and be seen on your official high school transcript. Make sure to do your best and ask questions when you need help. We hope to see you in the stadium to celebrate your graduation with the rest of your class. Good luck!

Freshman Elective Classes

Ag Food & Natural Resources	Orchestra
Animal & Plant Science	Choir
Mechanical Principles	Jazz Band
Greenhouse & Nursery Mgmt.	Show Choir
Bus Mgmt for Ag/Env Syst	French I
Livestock Select, Nutr & Mgmt	Spanish I
Materials & Process in Woods	Art 2D
Intro to Engineering Design	Art 3D
Personal Development/Resource Mgmt	Auxiliary Corps
Little Giant Pathway	Academic Strategies
Computer Principles I & II	
*Child Development	
ACEN 1210- Transitions & UNIV 1310 Career and Life & Planning	
(Must be taken concurrently)	

*offered as both a general and CCP elective

Who do I contact?

Incoming freshman may talk to any of their teachers or administrators to get help through academic, behavioral or social situations that may arise. Ms. Lyndsey Robinson, Ross assistant principal and Mr. Bill Schell, Freshman Guidance Counselor, will be your main point of contact for concerns. They are dedicated to the freshman team and will work to ensure a smooth transition from Fremont Middle School.

Freshmen need to get involved in activities

At Fremont Ross we have many opportunities to get involved in extra - curricular activities. We have over 50 different sports or clubs in which you can participate. Most college and scholarship applications ask students to list their high school activities.

Have fun, meet new people - join an extra-curricular activity.
Get involved!

Statewide tests impact 9th graders

You will take required assessments during your freshman year. These assessments will continue to help you meet your graduation requirements.

Freshman Class of 2025

How to Guide your Freshman

1. Monitor academic progress through ProgressBook.
2. Encourage involvement in a variety of activities.
3. Help select appropriate courses. Take advantage of the variety of courses and programs that Ross offers. Guidance counselors are available to discuss the best options for you.
4. Discuss Internet use.
5. Know your child's friends.
6. Communicate with your child's teachers frequently. You are their best advocate.

Helpful websites to aide in course planning

The following is a list of websites that may help you.

The Fremont City Schools - www.fremontschools.net

Study Skills Help - www.studygs.net

Interests/Careers- www.careerkey.org

College Action Plan www.collegeboard.com/student/plan/action/freshmen.html

College Readiness <http://www.act.org/standard/instruct/index.html>

INFOhio Information Network www.infohio.org

Ohio Department of Education www.education.ohio.gov

Sophomore Class of 2024

Required Sophomore Classes

- English 10
- U.S. History
- Intro to Biology or Biology or Chemistry
- Algebra I or Geometry or Algebra II
- Physical Education
Athletic/Band Waiver
- Health

Sophomore Elective Classes

French I /French II	Computer Principles I & II
Art 2D/Painting	Spanish I/Spanish II
Art 3D/Sculptures	Personal Dev/Resource Mgmt
Auxiliary Corps	Jazz Band
Business Law I/II	Show Choir
Business Management	Materials & Process in Wood
Choir	Healthy Cuisine
Weight Training	Little Giant Pathway
Accounting I	Vanguard CBI
Personal Fitness	Intro to Engineering Design
Digital Photo I/II	Nutrition & Wellness/Athletes
Swim	Greenhouse & Nursery Mgmt.
Orchestra	Bus Mgmt for Ag/Env Syst
Ag Food & Natural Res.	Livestock Select, Nut. & Mgmt.
Animal & Plant Science	Mechanical Principles
Academic Strategies	Child Development
FIN 2000- Personal Finance	BA 1020- Intro. To Business
Officiating in Athletics- Basketball/Baseball	
Officiating in Athletics- Football/Wrestling	

Sophomore Class of 2024

Course Selection is Critical When Selecting Your Path

Your course schedule may seem like a random selection of classes to you, but college admissions officers see it as the blueprint of your high school education. For those who know they plan on entering the workforce, your course selections should put you on a pathway to learn a technical skill. The following subjects and classes are standard fare for success in college and in preparation for entering Vanguard.

English: Take English every year. Traditional courses such as American and English literature help you improve your writing skills, reading comprehension and vocabulary.

Math: You need algebra and geometry to succeed on college entrance exams, in college math classes and in most careers. Take them early on and you'll be able to enroll in advanced science and math in high school—and you'll show colleges you're ready for higher-level work. Colleges would like to see at least Algebra II on your transcript and many would like to see that you have gone further than Algebra II.

Science: Science teaches you to think analytically and apply theories to reality. Laboratory classes let you test what you've learned through hands-on work. Three years of science are recommended for college-bound students

Social Studies: Understand current national and world events by studying the culture and history that has shaped them. Social sciences round out your core curriculum.

World Languages: Solid foreign language study shows colleges you're willing to stretch beyond the basics. Many colleges require at least two years of foreign language study, some prefer more.

The Arts: Research indicates that students who participate in the arts often do better in school and on standardized tests. The arts help you recognize patterns, discern differences and similarities, and exercise your mind in unique ways, oftentimes outside of a traditional classroom setting. This is why colleges want to see that you've taken at least two semesters of coursework in the arts.

Advanced Placement Program (AP) or College Credit Plus (CCP): Try out college-level work, master valuable skills and with satisfactory grades, possibly earn college credit. More than 3,000 higher education institutions award credit based on satisfactory AP Exam grades. These courses are a must for those who plan on attending a 4 year college or university. (Taken in part from *How to Select Your Courses* at www.CollegeBoard.com). Ross High School now offers 13 different CCP courses taught in house by Ross teachers who also serve as college adjunct faculty.

Statewide tests impact 10th graders

You will take required assessments during your sophomore year. These assessments will continue to help you meet your graduation requirements.

Junior Class of 2023

What to know to help schedule classes for 2021-2022

Congratulations juniors! You are now half way through high school. It is time to start thinking about your last two years and life after graduation. If you are planning to attend a four year college you will need to take the ACT and/or SAT. While you may take the test anytime, you should take it at least once during your junior year. Beginning in the 2016-17 school year, each junior will take the ACT one time in the spring at no cost to them.

Students need to consider which of the 3E's (Enroll, Employed, Enlist) they will aspire to upon graduation. All students are encouraged to explore the possibility of taking AP or CCP coursework in areas of their chosen interest. Regardless of post-high school plans, these demanding courses will provide students with an academic challenge that will aid them in their future pursuits.

Tips for Applying to Vanguard Career & Technology Center

College is not for everyone. High paying, skilled trades jobs are available to those who have the proper training. If you believe that college may not be in your future, you should attend Vanguard to learn a trade skill. You **MUST** return an application in order to be considered for Vanguard Career & Technology Center. Applications returned after the **March 12, 2021** deadline will still be accepted but will **NOT** be considered in the first round selection process.

You **MUST** also return a Course Selection Sheet with your **FIRST CHOICE** Vanguard Career & Technology Center lab checked. You also need to select four (4) periods of academics (English, math, science and an elective).

Tips for pursuing military enlistment

Students interested in pursuing enlistment are encouraged to speak with a military recruiter for their desired branch. Students are encouraged to involve their parents in this process to ensure all parties have a clear understanding of what this commitment means. Students needing help contacting a recruiter may speak with their guidance counselor for help.

Senior Class of 2022

Registration Procedures for 2022 Seniors

1. Determine which classes you have taken and which classes you still need.
2. Schedule your required classes first, then electives.
3. Make sure to schedule at least 6 (six) classes per semester unless you are on a special schedule (College Credit Plus, Work/Community Service, Vanguard Career & Technology Center). Consult with your parents.
4. Return completed registration form to Mrs. Frizzell-Joerg.

Important Points to remember when registering for next year:

1. If you wish to receive an Honors Diploma you must complete the requirements as listed on page 4.
2. If you wish to participate in sports at the Division I or II college level, you must apply to the NCAA Clearinghouse. Most students do this at the beginning of the senior year. You must fulfill the NCAA core course requirements to be eligible. You can apply for eligibility at www.eligibilitycenter.org. If you have questions please see your coach or visit the athletic office.
3. Seniors have the opportunity of signing up for Work/Community Service. Work/Community Service allows students to spend part of the school day involved in a part-time job or volunteering at area agencies. This needs to be approved by the building principal.
4. Seniors who failed classes in grades 9 and 10 will need to make those credits up through Credit Recovery or other outside tutoring.
5. Students wishing to take College Credit Plus classes next year need to attend a meeting with your parents and a counselor. The deadline to have all paperwork submitted is April 1.
6. To graduate and participate in graduation ceremonies, the class of 2022 **MUST**:
 - Have twenty-one (21.5) credits, including all required classes;
 - Earn the requisite number of points on the end of course exams *OR* earn remediation free scores on the ACT or SAT *OR* earn an industry recognized credential. Pay all school fees (to participate in ceremony and get a paper diploma).

Senior Class of 2022

Seniors Last Stand

Seniors, this is the last time you will have to complete a course selection sheet and choose classes for next year. When making your selections, please make sure you have fulfilled ALL graduation requirements. Once you have completed your course selections, it is very important that you PASS all of the required courses to become a graduate of Fremont Ross High. Don't let senioritis get the best of you. Also, stay involved. You only have one senior year, so make the most out of it. Good luck class of 2022!

2021-2022 ACT Dates offered at Fremont Ross

September 11, 2021
October 23, 2021
December 11, 2021

February 5, 2022
April 9, 2022
June 11, 2022

You may register online at www.actstudent.org or get a registration packet from your guidance counselor.

Students should report to Ross High no later than 7:45 a.m. on the morning of the test. Be sure to bring your registration ticket, pencils, a calculator, and a PHOTO ID.

Juniors should take the ACT in April or June of their junior year at the latest. That gives them the opportunity to see their scores and retest in October before college applications are due.

2021-2022 SAT Dates offered at Fremont Ross

December 4, 2021
March 12, 2022
May 7, 2022

You may register online at www.collegeboard.com or get a registration packet from your guidance counselor.

ROSS HIGH CODE FOR BOTH TESTS: 362220
ROSS A.C.T. TEST CENTER NUMBER: 182380

Agriculture Department

These courses are designed for those students who are planning or strongly considering a career in some area of agriculture such as agribusiness, horticulture, agricultural mechanics, natural resources, production agriculture or a professional agricultural area. *Agriculture is the only program offered at Ross that has an Industry Recognized Credential attached to the coursework. See a counselor for more information if you would like to pursue this credential as a graduation pathway.*

Agriculture, Food and Natural Resources #0900

Full year course Prerequisite: None Grade Level 9-12 Credit 1

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 communications, leadership and business skills essential to the agricultural industry.

Animal and Plant Science #0910

Full year course Prerequisite: None Grade Level 9-12 Credit 1

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.

Mechanical Principles #0920

Full year course Prerequisite: None Grade Level 9-12 Credit 1

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 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.

Greenhouse and Nursery Management #0930

Full year course Prerequisite: None Grade Level 9-12 Credit 1

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

Business Management for Agricultural and Environmental Systems #0940

Full year course Prerequisite: None Grade Level 9-12 Credit 1

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.

Livestock Selection, Nutrition and Management #0950

Full year course Prerequisite: None Grade Level 9-12 Credit 1

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.

Art Department

Digital Photo I #7100

One semester course Prerequisite: None Grade Level 10-12 Credit 1/2

In this course students will learn the basics of digital camera operation techniques. Students will gain a basic understanding of digital photo editing software. Students who enroll in this course must be at least sophomore status. A fee is required for materials and equipment used throughout the course.

Digital Photo II #7110

One semester course Prerequisite: Minimum "C" Grade Photo I Grade Level 10-12 Credit 1/2

In this course students will learn advanced digital camera operation and digital software techniques. Designing a digital portfolio will be done through the duration of the course. Students who enroll in this course must be at least sophomore status. A fee is required for materials and equipment used throughout the course.

Photo III #7270

Full year course Prerequisites: Digital Photo I & Digital Photo II Grade Level 11-12 Credit 1

In this year-long course, students will learn advanced digital techniques along with film and darkroom practices. The first semester consists mainly of DSLR camera operations and advanced Adobe Photoshop editing. The second semester is an introduction to the 35mm camera and darkroom. Students' portfolios will be created in this course. Students who enroll in this course must be at least junior status. A fee is required for materials and equipment used throughout the course.

Photo IV #7275

Full year course Prerequisites: Digital Photo I & II, Photo III Grade Level 12 Credit 1

In this class, you will explore techniques that are more advanced than the basics and work with various film and camera formats. You will work on individual projects to further your understanding of photography as an expressive medium. The course consists of photographic projects, technical demonstrations, a study of the history of photography, and regular class critiques and discussions. A fee is required for materials and equipment used throughout the course.

Introduction to Two-Dimensional Art #7215

One semester course Prerequisite: None Grade Level 9-12 Credit 1/2

Introduction to two-Dimensional Art is designed to acquaint students with art elements and principles in the area of two-dimensional design. This course engages in sequential learning experiences that encompass art history, art criticism, aesthetics and production, and lead to the production of portfolio-quality works. Students search for meaning, significance and direction in their own work by producing works of art in a variety of two-dimensional media. At this level students produce works for their portfolios that demonstrate a sincere desire to explore a variety of ideas and problems. A fee is required for materials and equipment used throughout the course.

Introduction to Three-Dimensional Art #7217

One semester course Prerequisite: None Grade Level 9-12 Credit 1/2

Introduction to three-Dimensional Art is designed to acquaint students with art elements and principles in the area of three-dimensional design. This course engages in sequential learning experiences that encompass art history, art criticism, aesthetics and production, and lead to the production of portfolio-quality works. Students search for meaning, significance and direction in their own work by producing works of art in a variety of three-dimensional media. At this level students produce works for their portfolios that demonstrate a sincere desire to explore a variety of ideas and problems. A fee is required for materials and equipment used throughout the course.

Drawing/Painting I #7280

One semester course Prerequisite: 2-D Art Grade Level 10-12 Credit 1/2

In this course students will go beyond the basic level of drawing and painting and learn the art of mixing colors, utilizing several options for paint, and the materials in which paints are applied to a surface. A variety of drawing medium will also be explored and manipulated. A fee is required for materials and equipment used throughout the course.

Drawing/Painting II #7285

One semester course Prerequisite: Drawing/Painting I Grade Level 10-12 Credit 1/2

In this course students will continue to explore painting techniques and drawing through surface manipulations. Students also will develop fundamentals of design as well as make choices towards a career in art. Portfolio pieces will be chosen. A fee is required for materials and equipment used throughout the course.

Sculpture I #7290

One semester course Prerequisite: 3-D Art Grade Level 10-12 Credit 1/2

In this course students will gain knowledge of art history, art criticism, art aesthetics, and the art production. Students will be working in clay. An exploration of a variety of other materials and combinations of materials will help students to create unique pieces. A fee is required for materials and equipment used throughout the course.

Sculpture II #7295

One semester course Prerequisite: Sculptures I Grade Level 10-12 Credit 1/2

In this course students will have the opportunity to explore ceramic techniques and other surface manipulations. The student will also work nontraditional materials to create three-dimensional pieces. A fee is required for materials and equipment used throughout the course.

Art III #7315

Full year course Prerequisite: "C" or higher in level 2 Art Grade Level 11-12 Credit 1

In this course, a good knowledge of design elements from previous 2D, 3D, Drawing & Painting I & II, or Sculpture I & II classes is essential. Students will focus on an in-depth exploration of design possibilities in three-dimensional work using various media. A variety of clay, glass and metal techniques will be introduced, with the production of ornamental and functional artwork. Emphasis will be placed upon developing design skills in these materials. A fee is required for materials and equipment used throughout the course.

Art Studio #7230

Full year course Prerequisite: "C:" or higher in level 2 Art Grade Level 12 Credit 1

This course is designed for the advanced art student with emphasis on individual performance. Students will develop a portfolio of work to prepare for higher level education in art. Personal assessment in analyzing visual artwork will be necessary for directing student artistic growth and personal style. A fee is required for materials and equipment used throughout the course.

Advertising Design #7240

One semester course Prerequisite: "C:" or higher in Digital Photo I Grade Level 11-12 Credit 1/2

This course is designed for the art student who would like to gain more knowledge in a balanced visual arts program. Students will refine their ability to apply principles, theories, and techniques of illustration to the field of advertising design. A fee is required for materials and equipment used throughout the course.

Business/Computer Technology Department

Accounting I #6240

Full year course Prerequisite: "C" or higher in Math course Grade Level 10-12 Credit: 1

Accounting is the language of business. This course is a must for any students interested in majoring in business in college or working in the business world. In the accounting course, students learn to plan, record, analyze and interpret financial information for a service and merchandising business. Students systematically analyze business transactions using accounting cycle as applied to sole proprietorships and corporations. Computerized accounting (Excel) will be introduced and used throughout the course.

Accounting II #6330

Full year course Prerequisite: Accounting I Grade Level 11-12 Credit 1

This course is designed for the student planning on majoring in business in college or working in the business world. The principles of accounting will be thoroughly reviewed. Students will use the Automated Accounting software and will learn how computers are used for accounting applications. Integration of accounting principles will cover general ledger, accounts payable, accounts receivable, bank reconciliations, plant assets, inventory and payroll.

Business Law I #6300

One semester course Prerequisite: None Grade Level 11-12 Credit 1/2

This course is excellent for the college-bound business major and anyone who desires any career involving the law. The course is designed to incorporate problem-solving, critical-thinking, projects, teamwork and written communication using various business technologies. These strategies will all be applied to the study of the sources of our law, ethics, the court system, criminal and civil law, employment agency and discrimination, domestic relations and insurance. Students may schedule either semester or both semesters of Business Law. The two classes are independent of each other. Business Law I is offered first semester and Business Law II is offered second semester.

Business Law II #6310

One semester course Prerequisite: None Grade Level 11-12 Credit 1/2

This course is excellent for the college-bound business major and anyone who desires to own a business. The course is designed to incorporate problem-solving, critical-thinking, panel discussion and written communication using various business technologies. These strategies will all be applied to the study of the creation of oral and written business contracts, sales and employment contracts, discharge and breach of contract, wills, trusts and estate planning. Students may schedule either semester or both semesters of Business Law. The two classes are independent of each other. Business Law I is offered first semester and Business II is offered second semester.

Computer Science Principles I #0810

One semester course Prerequisite: none Grade 9-12 Credit 1/2

Computer Science Principles I (CSPI) curriculum is a semester-long, rigorous, entry-level course that introduces high school students to the foundations of modern computing. The course covers a broad range of foundational topics such as programming, app design, algorithms, the Internet, big data, digital privacy and security (cybersecurity), and the societal impacts of computing. Computing affects almost all aspects of modern life, and all students deserve an education that prepares them to pursue the wide array of opportunities that computing has made possible. This course seeks to provide knowledge and skills to meaningfully participate in our increasingly digital society, economy, and culture.

Computer Science Principles II # 0830

One semester course Prerequisite: Computer Science Principles I or Test out of CSPI Grade 9-12 Credit 1/2

Computer Science Principles II (CSPII) curriculum is a semester-long, rigorous, entry-level course that introduces high school students to the foundations of modern computing. The course covers a broad range of foundational topics such as programming, app design, algorithms, the Internet, big data, digital privacy and security (cybersecurity), and the societal impacts of computing. Computing affects almost all aspects of modern life, and all students deserve an education that prepares them to pursue the wide array of opportunities that computing has made possible. This course seeks to provide knowledge and skills to meaningfully participate in our increasingly digital society, economy, and culture.

Introduction to Business #6450

One semester course

Prerequisite: None

Grade 10-12

Credit 1/2

Students will comprehensively explore introductory business concepts and skills needed in today's competitive environment. Topics include major business concepts, such as finance, marketing, operations, entrepreneurship, and management. Students will also discuss valuable information for the workplace such as professionalism and etiquette, as well as preparation for success in competitive events.

Little Giant Pathway #6510

One semester course

Prerequisite: None

Grade Level 9-12

Credit 1/2

Students will explore college and career opportunities based on personal assessments, career interest interviews with community members and occupational outlook information. They will develop a plan preparing them to meet their college and career goals after high school. Skills needed to be successful on the job and in school will be covered. Students will explore and utilize the Ohio Means Jobs website, conduct interviews, fill out a job application and learn job expectations from employers.

Multimedia Digital Communication #0840

Full year course

Prerequisite: Teacher recommendation

Grade Level 11-12

Credit 1

Students will use a variety of technology through the medium of video and video editing to produce a four-minute daily news program (FRTV) and quarterly twenty-minute program (Fremont Focus). After learning the proper use of video cameras (Canon and Flips) and editing software (Sony Vegas), students are responsible for all phases of planning, shooting, editing, and producing FRTV, and various special projects.

BGBA 1020- Introduction to Business #1020

One semester course

Prerequisite: Eligible score on Accuplacer Exam

Grade Level 11-12

Credit 1

Students enrolled in this three credit hour course offered through Bowling Green State University will gain an understanding of market competition and change, nature and central role of management, our business environment. No credit allowed toward BSBA degree.

BGFI 2000- Personal Finance #2000

One semester course

Prerequisite: Eligible score on Accuplacer Exam

Grade Level 11-12

Credit 1

Students enrolled in this three credit hour course offered through Bowling Green State University aims to give students an overview of personal and family financial planning and management with the following goals:

1. Develop understanding of personal finance concepts;
2. Provide students with the basic tools and techniques required to develop personal financial planning and management; and
3. Develop student interest in continuous learning and professional growth by keeping abreast of current events and developments in personal finance.

Electives

Leadership #1000

Full year course

Prerequisite: Principal Recommendation

Grade Level 11-12

Credit 1

This course will provide engaging learning experiences that will enable students to measurably acquire leadership attributes that will help them serve their school and community. The main content areas include: understanding, leadership, assessing individual leadership style and skills, planning and organizing, communication skills and techniques, positive relationship building, problem solving and decision making, personal wellness and image and community and school service.

English Lab #1111

One semester course

Only assigned by principal

Grade Level 9-10

No Credit Awarded

In this semester course students will use learning strategies to help them understand information and solve problems in their English course. English lab will improve a person's approach to learning and using information in their English course. The course addresses skills studied in their English class. Students will learn how to paraphrase critical information, picture information to promote understanding and remembering, ask questions and make predictions, and identify unknown words in text. Students will also receive help to write more effective sentences and paragraphs, monitor their work for errors, and confidently approach and take tests. This course may be taken more than once.

Publications #1510

Full year course

Prerequisite: Teacher recommendation

Grade Level 10-12

Credit 1

In this course, students will work and contribute to the school yearbook.

Work Study

Full year course

Prerequisite: Employment

Grade Level 9-12

Credit: Depends on hours

The curriculum in Work Study is a continuation of learning work skills in a community business under the supervision of the Work Study Supervisor. Job performance is evaluated by the employer and Work Study Coordinator enabling students to build and improve job skills.

Academic Strategies #1112

One semester course

Prerequisite: None

Grade Level 9

Credit ½

This course is designed to provide students with the literacy skills needed to be successful in school and in life. It offers students experiences that will increase reading and writing skills. Academic Strategies will encompass learning strategies that will increase students' ability to decode, comprehend, and write. They will use the eight stages of instruction to enable them to reach their goals through building vocabulary skills and strategies, increase their reading fluency and comprehension, and become a strategic reader.

English Department

English 9 1100

Full Year course

Prerequisite: None

Grade Level: 9

Credit: 1

This course is aligned to Ohio's Learning Standards and will stress the development of language arts skills in reading, writing, speaking and listening. The writing process will be stressed and appropriate grammar instructions given while writing essays and completing the research process. Students will take part in a variety of speaking and listening activities. Literature reading lessons will involve short stories, novels, drama, and poetry.

English 1210

Full Year course

Prerequisite: English 9

Grade Level: 10

Credit: 1

This course is aligned to Ohio's Learning Standards and will provide the student with a solid background in all forms of literature, while preparing students for Ohio's State Test (OST). The writing process will be stressed and appropriate grammar instructions given while writing essays and completing the research process. Students will take part in a variety of speaking and listening activities. Literature reading lessons will involve short stories, novels, drama, and poetry.

English 1211

Full Year course

Prerequisite: English 10

Grade 11

Credit 1

English 11 is a course with more challenging academic rigor and depth, emphasizing the necessary skills for critical reading and writing. These skills include writing research, synthesis, and informative essays; refining grammar usage and rhetorical skills; and increasing post-secondary vocabulary. In addition, career formalization, including college entrance exam preparation, and workplace readiness skills, becomes a primary focus. As the need for challenging college and career readiness skills becomes more vital, the incorporation of technology will be emphasized.

English 1212

Full Year course

Prerequisite: English 11

Grade 12

Credit 1

English 12 is a course emphasizing skills in critical reading and writing such as research, synthesis, and informative essays, while mastering grammar usage and rhetoric skills, and using vocabulary purposefully and precisely. This course represents more challenging academic rigor and depth. In addition, career formalization, including college entrance exam preparation and workplace readiness skills, becomes a primary focus. As the need for challenging research skills becomes more vital, the incorporation of technology will be emphasized.

Advanced Placement Literature and Composition #1275

Full year course

Prerequisite for Grades 11-12: English 9

Grade Level 10-12

Credit 1

Prerequisites for Grade 10: English 9 and Writing Prep for AP or concurrently enrolled in Writing Prep for AP

In this course, students will read in-depth classical literary works of varying lengths. Students will analyze these works and learn to respond in writing about the literary significance of these works. Students will be introduced to college level work and learn the necessary skills for succeeding in college. Students must take the AP exam in the spring and may earn college credit, depending on their score. Students must complete the summer assignment due the first day of school. In order to withdraw from this course, students must do so by August 1.

Advanced Placement Language and Composition #1280

Full year course

Prerequisite for Grades 11-12: English 9

Grade Level 10-12

Credit 1

Prerequisites for Grades 10: English 9 and Writing Prep for AP or concurrently enrolled in Writing Prep for AP

In this course, students will read in-depth works from a variety of fields, such as politics, science, history and classical literature. Students will not only study how writers use rhetoric to shape their writing, but students will continue the development of their own writing skills. Students will be introduced to college level work and learn the necessary skills for succeeding in college. Students must take the AP exam in the spring and may earn college credit, depending on their score. Students must complete the summer assignment due the first day of school. In order to withdraw from this course, students must do so by August 1.

Creative Writing #1305

One semester course Prerequisite: English 10 Grade Level 11-12 Credit 1/2

A semester-long creative writing course will expose students to a variety of writing styles that allow them to polish their narrative techniques, voice as an author, and creativity in writing. The core course will prepare students for college and career fields by asking them to produce and defend work that fulfills a multitude of purposes and structures while also honing their command of the conventions of the English language. Students will be expected to use mentor texts as a guide for their own writing, complete self-assessments, and develop a portfolio of finished pieces. This course will count toward your required English credits.

Science Fiction Literature #1315

One semester course Prerequisite: English 10 Grade Level 11-12 Credit 1/2

This semester course will provide variety in the reading and writing skills students will develop through a specific genre of literature including nonfiction selections, short stories, novels and works of dramatic art. The course will allow students to see the world around them from a different perspective, while strengthening their writing skills, improving reading comprehension and building vocabulary and presentation skills. This course will count toward your required English credits.

Social Issues in Multicultural Literature #1320

One semester course Prerequisite: English 10 Grade 11-12 Credit 1/2

This course will allow students to explore literature that represents a variety of world cultures while examining the social issues each culture faces. Topics will include, but may not be limited to, Hispanic and Latinx culture, African American culture, immigration, police and community relations, medical ethics, racism, and more. This course will ask students to synthesize multiple sources on each topic with literature that represents the issue to develop a well-rounded picture of the cultural differences in America today. This course will count toward your required English credits.

Engineering Technology Department

Introduction to Engineering Design #8800

Full year course Prerequisite: None Grade Level 9-12 Credit 1

This course will offer students the opportunity to explore the various areas of engineering and design in this technology oriented course. Students will explore these engineering concepts while using math, science and computer skills to design and create hands-on problem solving projects. These projects will be designed using the 3-D modeling/CAD application Autodesk Inventor. Autodesk Inventor is the industry standard for 3-D modeling/CAD applications used by engineers around the world.

Advanced Engineering Design #8810

Full Year Course Prerequisite: "C" or higher in Introduction to Engineering Grade Level: 10-12 Credit 1

In this course students will use the skills they attained in the Introduction to Engineering course to further develop and master engineering concepts and skills. The curriculum in this course will cover the design and development of 3-D models using 3-D modeling software and the production of those parts using 3-D printers, the laser cutter/engraver, the CNC machine. A full Robotics curriculum will also be taught in this course covering the design, construction, and performance of student designed robots.

Material Processes in Woods I #8500

One semester course Prerequisite: None Grade Level 9-12 Credit 1/2

This is an introductory woodworking course, which provides for the development of basic skills in the use of hand tools, working machines, materials and processes of construction of small wooden projects. Problem solving techniques are applied during project construction.

Processes in Woods II #8510

Full year course Prerequisite: Material Processes in Woods I Grade Level 10-12 Credit 1

This is the advanced course in woodworking. This course provides for the further development of wood working skills in material selection and use, product planning, product designing and product development. Skill development is expanded in the use of hand and power machinery and machinery production set-ups. An understanding of the important concepts, principles, problems and strategies of wood related industrial technologies are learned and explored.

Materials Processes in Woods Independent Study #8710

Full year course Prerequisite: Successful completion of Woods II Grade Level 11-12 Credit 1

This course is limited to juniors and seniors who have successfully completed Materials and Processes in Woods II with at least a "B" average. An application is required to be filled out and submitted to the department chairperson for consideration of admission. This is a self-paced, advanced class in woodworking in which students will continue to develop their hand tool and machine production skills. Additional projects may be built if time permits. Students will design and construct a 7-10 board feet project and complete it with a high quality of craftsmanship. Independent study students will be scheduled during regular class time so availability may be limited pending class enrollments.

ECOC 1020 - Blueprint Reading #1020

One semester course Prerequisite: Appropriate score on the Accuplacer exam Grade Level 9-12 Credit .667

An introductory blueprint reading course for all trades. An emphasis is placed on the ability to read working shop drawings and to produce technical sketches. Topics covered include: basic drawing practices, orthographic projection, sections, dimensioning, isometric sketching, and assembly drawings. This course is offered through

Mathematics Department

Math Lab

Full year course **Only as assigned by principal** Grade Level 9-11 No Credit

This course is only for students who are identified by their teacher as at-risk. Each student will be given a diagnostic to identify his/her specific deficiencies. Students will be placed into those areas in which they have gaps in their mathematical background. As each area of deficiency is mastered, the student will move on to his/her next problem topic.

Algebra I #4200

Full year course Prerequisite: None Grade Level 9 Credit 1

Students will work extensively with linear equations including solving, graphing, analyzing and solving practical problems. The language and notation for functions will be used. Students will also explore systems of equations and quadratic equations. Other topics will include polynomial operations, factoring, exponents and radicals. A scientific calculator is required for this course, a TI-30XIIS is recommended.

Algebra I Fundamentals #4175

Full year course Prerequisite: None Grade Level 9 Credit 1

Algebra I Fundamentals is designed to meet the needs of students who are not yet ready for a traditional Algebra I course, but are prepared to begin their mathematical high school courses. Students will be exposed to both foundational and Algebra I standards throughout the course. The course will offer a more appropriate pacing and instruction that will be aligned to the students' academic needs. In addition to a review of current and past math data, a teacher referral is required. A scientific calculator is required for this course, a TI-30XIIS is recommended.

Geometry #4240

Full year course Prerequisite: Algebra I Grade Level 9-11 Credit 1

Geometry is a study of geometric shapes, such as lines, triangles, quadrilaterals, and circles, and the relationships connecting them. Parallelism, congruence, inequalities, area and volume are major topics. Logic and problem solving are included with inductive and deductive reasoning. This course requires considerable daily preparation, thus completion of assignments as well as tests and quizzes will be a basis for evaluation of the student.

Personal Finance Math #4250

One semester course Prerequisite: Geometry Grade Level 11-12 Credit 1/2

This course is a study of the money issues faced in life after high school. We will expand on the study of financial responsibilities of adulthood began in the student's government course. We will look at different paycheck options, credit cards, retirement accounts and the stock market with an emphasis on planning. We will also look at car ownership, insurance independent living, and income taxes.

Financial Algebra #4272

One semester course Prerequisite: Geometry Grade Level 11-12 Credit 1/2

Students will expand their understanding of the financial world. They would work to understand borrowing and earning money. Students would learn to apply math concepts to everyday financial transactions. The goal is to better prepare these students for the world they will be stepping into.

Math Modeling and Reasoning #4278

Full year course Prerequisite: Algebra II or Algebra II Fund. Grade Level 12 Credit 1

This course is designed to promote reasoning, problem-solving and modeling through thematic units focused on mathematical practices while reinforcing and extending content in Number and Quantity, Algebra, Functions, Statistics and Probability, and Geometry.

Algebra II Fundamentals #4270

Full year course Prerequisites: Geometry Grade Level 11-12 Credit 1

Algebra II Fundamentals is designed to meet the needs of students who are not yet ready for a traditional Algebra II course, but desire to continue their mathematical learning. Students will be exposed to Algebra II standards; however, the course will offer a more appropriate pacing and instruction aligned to the students' academic needs. A scientific calculator is required for this course, a TI-30 is recommended.

Algebra II #4300

Full year course Prerequisites: Geometry Grade Level 10-12 Credit 1

Algebra II is designed to meet the needs of those who plan to go to a four-year college. Set of numbers, factoring of polynomials, quadratic systems, linear equations, conic sections and areas are studied. The student should gain a better understanding of the concepts of reasoning and the structure of Algebra II as well as coordinate systems, relations, functions and complex numbers. A graphing calculator is required for this course, a TI-83 is recommended.

Statistics #4375

One semester course Prerequisite: Algebra II Grade Level 11-12 Credit 1/2

This course will give those students thinking of going into the social sciences, non-STEM education, business, and other fields a solid background in the statistics they will encounter at the college or university level. It will carry the statistics and probability already studied to a higher level of understanding and skill. Many practical applications as well as theory will be studied.

Trigonometry #4376

One semester course Prerequisite: Algebra II Grade Level 11-12 Credit 1/2

This course is the study of triangle trigonometry. Students will extend their understanding of right triangle through applications. These concepts will be expanded to cover non-right triangles. The Law of Sines and Law of Cosines will be explored with emphasis on applications.

Pre-Calculus #4400

Full year course Prerequisite: Algebra II (C or better) Grade Level 11-12 Credit 1

This course is a study of functions through a graphing approach. Algebra topics are continued and extended to more complicated functions, including polynomial functions, rational functions, exponential and logarithmic functions and trigonometric functions. The student is expected to be proficient in Algebra I, Algebra II and geometry. The course should enable the student to better understand circular functions, graphing and practical applications as well as acquire the ability to apply mathematical techniques. It should prepare the student for a beginning course in calculus. A graphing calculator is required for this course, a TI-83 is recommended.

BGMATH 1280- Pre-Calculus #1280

One semester course Prerequisite: Algebra II (C or better) Grade Level 11-12 Credit 1

The aim of this five credit hour course is to give students the necessary algebraic and trigonometric skills to be successful in Calculus. This class will also help develop mathematical thinking and communication skills. This is a course offered by Bowling Green State University and placement may be required.

BGMATH 1150- Introduction to Statistics- ONLINE OFFERING ONLY

One semester course Prerequisite: Two years of algebra, geometry,
and a satisfactory placement exam score Grade level 11-12 Credit 1

This is a three credit hour course offered through Bowling Green State University where students will learn the description of data, binomial and normal distributions, estimation and testing hypotheses for means and proportions.

BGMATH 1340-Calculus and Analytic Geometry 1A

One Semester Course Prerequisite: MATH 1280, 1290 or 1300 with a C or better
MATH placement score of 61 or higher Credit 1/2

MATH 1340 is a Calculus course offered through Bowling Green State University. Topics covered include limits, the derivative, differentiation techniques and applications of the derivative. BGMATH 1340 and BGMATH 1350 is a two-semester sequence.

BGMATH 1350-Calculus and Analytic Geometry 1B

One Semester Course Prerequisite: MATH 1340 with a C or better Credit 1/2

MATH 1350 is a Calculus course offered through Bowling Green State University. Topics covered are the definite integral; the fundamental theorem; indefinite integrals; integration by parts, by substitution and using tables; and applications of definite and indefinite integrals.

Advanced Placement Calculus #4500

Full year course Prerequisite: Pre-Calculus Grade Level 12 Credit 1

This course is a thorough study of functions, limits, derivatives, integration, transcendental functions and differential equations as well as various applications. The student is expected to spend considerable time in preparation, be thorough in preparation and in work. The course will be taught and conducted on a college level. Students must take the AP Exam and may earn college credit depending on the score. A graphing calculator is required for this course. Students taking this course must complete the summer assignment if one is assigned. Any student who would like to withdraw from this course must do so by August 1.

Music Department

Concert Choir #7502

Full year course Prerequisite: Auditions and/or
Permission of Director Grade Level 9-12 Credit 1

The purpose of this course is to develop the ability of the student to perform well in a vocal music ensemble. Performing at concerts, festivals, contests and assemblies will result from regular class rehearsals. Opportunities are available for solo and/or small ensemble performance. A wide variety of music is performed, including folk songs, spirituals, seasonal songs, art songs, quality popular songs and choral compositions of various styles and periods. Each student is evaluated on performance, class participation and written assignment. Attendance at all concerts and public performances is required. Some after school rehearsals will be required.

Show Choir #7505

Full year course Prerequisite: (see below) Grade Level 9-12 Credit 1

Prerequisites: Enrollment in Concert Choir; singing audition, dance audition and permission of the director. This course is a performing vocal ensemble which will sing quality music literature of different periods and genres, including pop, rock and jazz. Some songs will include choreographic movements. Attendance is required for all rehearsals and performances by this group. After school rehearsals and additional performances will be set with sufficient notice being given to all members.

Men's Choir #7501

Full year course Prerequisite: Auditions Grade Level 9-12 Credit 1

The purpose of this course is to develop the ability of the student to perform well in a vocal music ensemble. Performing at concerts, festivals, contests and assemblies will result from regular class rehearsals. Opportunities are available for solo and/or small ensemble performance. A wide variety of music is performed, including folk songs, spirituals, seasonal songs, art songs, quality popular songs and choral compositions of various styles and periods. Each student is evaluated on performance, class participation and written assignment. Attendance at all concerts and public performances is required. Some after school rehearsals will be required.

Women's Choir #7599

Full year course Prerequisite: Auditions Grade Level 9-12 Credit 1

The purpose of this course is to develop the ability of the student to perform well in a vocal music ensemble. Performing at concerts, festivals, contests and assemblies will result from regular class rehearsals. Opportunities are available for solo and/or small ensemble performance. A wide variety of music is performed, including folk songs, spirituals, seasonal songs, art songs, quality popular songs and choral compositions of various styles and periods. Each student is evaluated on performance, class participation and written assignment. Attendance at all concerts and public performances is required. Some after school rehearsals will be required.

Select Vocal Ensemble #7650

Full year course Prerequisite (see below) Grade Level 10-12 Credit 1

Prerequisites: Minimum of one year in high school choir; enrollment in concert choir; audition and/or permission of director. This course is an advanced vocal ensemble which will perform various styles of music including classical and jazz. Opportunities for solo and small ensemble singing will also be available. The course is designed for the singer who can independently maintain a soprano, alto, tenor or bass part in a small vocal ensemble; who can read music comfortably and confidently; who can blend his/her voice with others in a small ensemble; who desires to do these things with more challenging vocal arrangements.

Band #7510

Full year course Prerequisite: (see below) Grade Level 9-12 Credit 1

Wind and brass students may be required to play major scales C, F, B flat, E flat, A flat, D flat, G and chromatic scale. They may be asked to perform a simple exercise selected by the instructor. Percussion students may be required to successfully complete two warm-up sheets and/or selected cadences. The purpose of this course is to develop the capability of students to perform well in a musical group on a specific instrument. Performance at concerts, games, parades, educational conventions and clinics and contests will result from regular class rehearsals.

Auxiliary Corps #75151st quarter course Prerequisite: Audition Grade Level 9-12 Credit 1/4

This course is designed for students who wish to participate with the Ross Marching Band during football and parade season. Students will develop musical dance and drill skills in addition to all facets of marching, pertaining to a wide variety of music. A student is evaluated on class participation, performance, and attendance.

Ross Jazz Band #7518

Full year course Prerequisite: (see below) Grade Level 9-12 Credit 1

Prerequisites: Enrollment in Band and/or Orchestra class – preference given to students registered in Band; performance requirements the same as Band/Orchestra; an interest in performing and studying music from the jazz idiom; and interest in developing improvisational skills; successful audition and/or permission of the instructor; needs of the ensemble.

Orchestra #7520

Full year course Prerequisite: (see below) Grade Level 9-12 Credit 1

All orchestra members may be required to play major scales C, F, Bb, Eb, A, G, D, and the chromatic scale. They must be able to sight-read a simple exercise selected by the instructor. The purpose of this course is to develop the musical ability of string students and to have them play at an appropriate difficulty level in a musical group on a specific instrument. Performance at concerts, educational conventions clinics, and contests will result from regular class rehearsals.

Advanced Placement Music Theory I #7670

Full year course Prerequisite: Music background, vocal or
Instrumental background Grade Level 10-12 Credit 1

This course should be considered a necessity for future college music majors. It gives the student a basic knowledge of the fundamentals of writing music. The emphasis is on traditional eighteenth century harmony. The study of melodies, rhythm, harmony-chord construction through harmonization exercises and writing original melodies is the basic content of the course. Special training in melodic, harmonic and rhythmic dictation (ear training) and in sight-singing is also included. Student must take the AP Exam and may earn college credit depending on the score.

Science Department

Physical Science #3000

Full year course Prerequisite: None Grade Level 9 Credit 1

Physical Science is a full year course that is designed to produce students who are scientifically literate, critical thinkers and problem solvers. It offers students experiences that will increase their scientific knowledge and develop processing skills. Physical Science is about the relationship between the world we live in and how matter and energy interact. Topics will include experimental design, properties of matter, physical and chemical changes, mixtures and elements, compounds, atoms, chemical bonding and reactions, nuclear energy, force, motion, energy, thermal energy, and characteristics of waves, sound, and light. Students will use laboratory equipment on a regular basis. A lab fee and scientific calculator are required.

Intro to Biology #3150

Full year course Prerequisite: Physical Science I Grade Level 10-12 Credit 1

Intro to Biology is a year-long course designed to familiarize students with the structures and functions of organisms and the interactions between living things and the environment. Topics include cell structure and theory, energy use by organisms, DNA and heredity, classification of organisms, and history and continuity of life.

Biology #3200

Full year course Prerequisite: Physical Science Grade Level 9-12 Credit 1
Concurrent enrollment in Geometry

Biology includes the nature of science, chemistry of living things, organization and diversity of organisms, genetics, history and continuity of life and the environment. Students will use microscopes; perform investigative labs, use science process skills and the scientific method. This is a lab course. A lab fee is required.

BGBIO 1040- Introduction to Biology

One semester course Prerequisite: Biology Grade Level 10-12 Credit 1

Basic concepts explored in this three credit hour course, offered through Bowling Green State University are: the cell, metabolism, genetics, reproduction, development, evolution, ecology. Three one-hour lectures, one two-hour laboratory. Not accepted toward biology major or minor.

Anatomy and Physiology #3350

Full year course Prerequisite: Chemistry Grade Level 11-12 Credit 1

Anatomy and Physiology is a course designed for those who may be interested in medical careers, health careers, or any student who wants to know more about the human body. This course will provide opportunities to study functions such as muscle function, digestion and circulation. A lab environment is provided to study the structure and function of the body. The lab will include dissection of ten (10) systems (skeletal, muscular, circulatory, digestive, excretory, reproductive, nervous, integumentary, endocrine and respiratory.). A lab fee will be required.

Environmental Biology #3215

Full year course Prerequisite: Intro to Biology/Biology Grade Level 10-12 Credit 1

This biology course is of interest and value to those students who want to be more informed about protecting the natural environment and what presently threatens the environment. The student will study interrelationships found in living and nonliving things with a focus on the human impact of our natural resources.

BGBIO 1010- Environment of Life #1010

One semester course Prerequisite: Biology Grade Level 10-12 Credit 1

Basic ecology and current environmental problems of air, water and land pollution; human reproduction and population dynamics will be explored in this Bowling Green State University course.

Advanced Placement Biology #3201

Full year course Prerequisite: "B" or better in Biology and Chemistry Grade Level 11-12 Credit 1
Anatomy & Physiology recommended

The A.P. Biology course is designed as the equivalent of a college introductory biology course taken by students during their first year of college. This class is for anyone attending college but is especially suited for those students entering any medical or science profession such as nursing, physical therapy, pre-medical or pre-veterinary. The class will provide students with a conceptual framework, factual knowledge and analytical skills found in a college biology class. Students must take the AP Exam and may earn college credit depending on the score. A lab fee will be required. Students taking this course must complete the summer assignment if one is assigned. Any student who would like to withdraw from this course must do so by August 1.

Forensics #3250

Full year course Prerequisite: Biology Grade Level 10-12 Credit 1

Forensic Science is a full year course designed to have students apply scientific knowledge and method with reasoning skills to crime scene problem solving. Topics will include collecting and analyzing evidence, glass and soil analysis, fingerprinting, hair and fiber comparisons, DNA evidence, blood evidence, firearms and ballistics, along with analyzing results and several hands-on applications of many laboratory techniques used in solving crimes. Time will also be spent discussing career options in the field of forensics. A fee is required.

Chemistry #3300

Full year course Prerequisite: Biology; Concurrent enrollment or Grade Level 10-12 Credit 1
Previous credit in Algebra I

Chemistry is a year-long course designed primarily for college-bound students, especially those who plan to pursue a science-related career. Major topics covered include matter and energy relationships, atomic structure and theory, periodicity of elements, ionic and molecular compounds, chemical equations and solutions and acids and bases. Students should gain insight into the scientific approach to problems while improving their reasoning and critical thinking skills. Practical applications of chemistry will be explored in the laboratory. A lab fee is required

Advanced Placement Chemistry #3301

Full year course Prerequisite: Chemistry Grade Level 11-12 Credit 1

AP Chemistry course is a second year of high school chemistry and equivalent to the general chemistry course usually taken during the first college year. Students in this course should attain a depth of understanding of fundamentals and a reasonable competence in dealing with chemical problems. Major topics covered include reaction types, gases, thermodynamics, atomic theory, bonding, reaction kinetics, chemical equilibrium, acids and bases and electrochemistry. Students must take the AP Exam and may earn college credit depending on the score. A lab fee will be required. Students taking this course must complete the summer assignment if one is assigned. Any student who would like to withdraw from this course must do so by August 1.

CHEM 1000- Introduction to Chemistry- NOT AVAILABLE FOR THE 21-22 SCHOOL YEAR

One semester course Prerequisite: Appropriate Accuplacer score Grade Level 11-12 Credit 1

This BGSU course examines basic chemical concepts and helps students understand and appreciate the important role of chemistry in numerous applications. This course is not counted towards a chemistry major or minor. There is no laboratory accompanying the course. This course is applicable to the BG Perspective (general education) natural sciences requirement.

Physics #3400

Full year course

Prerequisite: Algebra I and Geometry

Grade Level 11-12

Credit 1

This is a traditional physics course that includes both classical and modern topics. Major goals include the understanding of basic physics concepts and developing the ability to apply these concepts to the solution of mathematical based problems. Five general areas will be explored: Classical Mechanics, Kinetic Theory and Thermodynamics, Electricity and Magnetism, Waves and Optics and Modern Physics. A fee is required.

Advanced Placement Physics #3401

Full year course

Prerequisite: Algebra I, Geometry, and Algebra II

Grade Level 11-12

Credit 1

The AP Physics course covers classical mechanics with calculus being used progressively throughout the course in problem solving and derivations of physics concepts. This course is taught at the same level as a college physics course and follows a similar pace. The topics covered follow those found in introductory courses in engineering and physical science curriculums.

Students must take the AP Exam and may earn college credit depending on the score. A fee is required. Students taking this course must complete the summer assignment if one is assigned. Any student who would like to withdraw from this course must do so by August 1.

School to Work Program

Work/Community Service #1020

Full year course

Prerequisite: Principal Approval

Grade Level: 10-12

Credit: 1/2 to 3

Opportunities will be offered to qualified juniors and seniors to enhance their educational experience. Release time for community serve or work will be offered to students during the school day. Approved students must complete a minimum of seventy-five (75) hours of contact time each semester in community service OR have continuous employment for each semester enrolled. Written verification of completion of hours and employment must be submitted on a bi-weekly basis to continue release time and receive credit. Students will receive 1/2 to 1- 1/2 credits per semester, and be graded on a pass/fail basis. Interested students must see their counselor for additional information.

Social Studies Department

American Government #2420

Full year course

Prerequisite: None

Grade Level 11-12

Credit 1

This course includes a number of concepts relevant to the study of American Government. These topics include: the foundations and important documents of American Government including the Declaration of Independence, The Federalist, and the U.S. Constitution. Additional topics include the Amendments to the Constitution, political parties, political participation and behaviors, state and local governments, the federal tax system and the Federal Reserve system. This course will attempt to give the student the necessary background to become an active and involved participant in our nation's political system. This course also includes the topic of economics. Students will also study the various aspects of personal finance such as reading financial statements, issues of credit and debt and costs of insurance.

PL 1000- American Government- OFFERED BY A VISITING TERRA INSTRUCTOR

One semester course

Prerequisite: Acceptable Accuplacer score

Grade Level 9-12

Credit 1

Methods to improve one's political efficacy will be a primary goal of this Terra State course. American heritage and the struggles of early government under the Articles of Confederation will be examined. The creation of the United States Constitution as well as contemporary civil rights and liberties will be debated in class. The role of mass media, special interests and political parties and their ability to influence political processes will be covered as well. College level reading and writing are required for this course.

American History 1877 - Present I #2200

One semester course Prerequisite: None Grade Level 10 Credit 1/2

Global Studies I covers United States History from the Progressive Era until the end of World War II. It is broken down into the following units: The Progressive Era, the Roaring Twenties, the Depression and the New Deal, the Rise of Dictators, the Rise of Communism, and World War II. It will also include the social-economic history during the same period. The students expect to gain a general overview of global events for the time period covered.

American History 1877 - Present II #2210

One semester course Prerequisite: None Grade Level 10 Credit 1/2

Global Studies II covers the following units: The Cold War, the Civil Rights movements, the Vietnam Conflict, the Fall of Communism, and the Conflicts of the Middle East. Students should expect to gain a general understanding of the different periods covered.

Advanced Placement American History #2475

Full year course Prerequisites for Grades 11-12 Grade Level 11-12 Credit 1

Advanced Placement United States History is a course designed to provide students with the analytical skills and factual knowledge necessary to deal critically with the problems and materials in U.S. History. This course will study the major themes of U.S. History from the early colonial period to the Post-Cold War World. In addition to the historical content, the student will analyze and interpret primary sources, have an awareness of multiple interpretations of historical issues from secondary sources and compare developments or trends from one period to another. Students must take the AP Exam and may earn college credit depending on the score. Students taking this course must complete the summer assignment if one is assigned. Any student who would like to withdraw from this course must do so by August 1.

World History I: Enlightenment to 1918 #2100

One semester course Prerequisite: None Grade Level 9, 11-12 Credit 1/2

In this one-semester course, events in World History, during the time period of 1700-1918, will be studied. Students will trace cultural developments and analyze economic factors that affected global events. Students will also extend their knowledge of citizenship rights and responsibilities.

World History II: 1914 to Present #2110

One semester course Prerequisite: None Grade Level 9, 11-12 Credit 1/2

In this one-semester course, events in World History, during the time period of 1914-present, will be studied. Students will trace cultural developments and analyze economic factors that affected American and global events, and examine the growth of the democratic process until today. Students will also extend their knowledge of citizenship rights and responsibilities.

Psychology #2450

One semester course Prerequisite: None Grade Level 11-12 Credit 1/2

This course is designed to be an introduction to psychology for the average to above average reading level student. The topics included will be: a brief history of psychology, psychological methods and research experiments, patterns of human development, heredity and environment, biological influences on behavior, understanding and measuring one's personality, the principles of learning and thinking, measuring intellectual ability and the nature of intelligence, the investigation of psychological disorders and the various kinds of treatment of these disorders.

Sociology #2425

One semester course Prerequisite: None Grade Level 11-12 Credit 1/2

This course is an introduction to Sociology for the student possessing average to above average reading skills. Topics discussed will include society, the individual in society (how society affects personal development), social injustices (economic, racial, etc.), social institutions (family, peer groups, etc.) social change, social issues (homeless, child abuse) the grieving process and sociological studies and theories.

Advanced Placement European History (1450 to present) #2500

Full year course Prerequisite: U.S. History Grade Level 11-12 Credit 1

This course will correspond to the most recent trends in history curriculums at the undergraduate college level. It will provide students with exposure to the factual narrative, help students understand the principle themes in modern European History and give students an ability to analyze historical evidence. Significant emphasis will be given to intellectual-cultural and social-economic history as well as to those in the more traditional political-diplomatic sphere. Students will also be expected to demonstrate knowledge of basic chronology of major events and trends from approximately 1450 to the 1990's. Students must take the AP Exam and may earn college credit depending on the score. Students taking this course must complete the summer assignment if one is assigned. Any student who would like to withdraw from this course must do so by August 1. ***Course not offered 2019-2020 school year.***

History of World War II #2550

One semester course Prerequisite: US History and World History Grade Level 11-12 Credit 1/2

This course will explore how and why the Second World War was such a deadly and destructive force in history. Students will examine each phase of the war and how it affected the outcome. Emphasis will be given to the goals and objectives of major offensives and operations within the war, the results and outcomes, and the important themes throughout this time period. Students will analyze: How WWI led to WWII, the Europe and Pacific Theaters, The American Homefront, and the Holocaust/History of Anti-Semitism.

Wellness Education Department

Physical Education #0026

One semester course Prerequisite: None Grade Level 9-12 Credit 1/4

This course is to emphasize the value of being a more effective individual physically, mentally and socially. It provides the basic knowledge, rules and fundamentals, in a variety of individual and team sports and swimming. This course includes neuromuscular coordination which results in an improvement in strength, agility, balance, skill and gracefulness. This course is designed to be educational.

Swimming #0030

One semester course Prerequisite: None Grade Level 9-12 Credit 1/4

Beginning swimming is designed for students who are non-swimmers and/or students who have limited swimming ability. Individual stroke development, water safety, water games and activities will be the main focus. Intermediate swimming will continue stroke development and build student confidence in and around the water. Advanced swimming is designed for students who have intermediate or advanced swimming skills. Student will be involved in stroke refinement, water aerobics, water games and water safety.

Personal Fitness #0027

One semester course Prerequisite: None Grade Level: 9-12 Credit 1/4

This fitness class is designed for those students who are interested improving or maintaining their personal fitness. The health related fitness components of cardiovascular endurance, muscular strength and endurance, and flexibility will be addressed. Students will learn many fitness strategies and principles while engaging in a variety of fitness activities. Also, students will design their own fitness program and complete fitness assessments to evaluate improvement.

Health #0020

One semester course Prerequisite: None Grade Level 10-12 Credit 1/2

This course is designed to investigate many of the vital health issues of society. This course provides the student with purposeful information and experience to develop better attitudes and practices relating to individual, family and community health. Evaluations are based upon class participation, assignments, quizzes, tests and projects.

Healthy Cuisine #8040

One semester course Prerequisite: None Grade Level 9-12 Credit 1/2

This course will begin with basic cooking concepts, choosing healthy ingredients, stocking your work area, kitchen terminology, and preparing quality foods for a healthy meal. The class will include planting and maintaining of the school herb garden and cooking with local produce. Study will continue into the culinary arts to create healthy dishes that support a balanced diet and a healthy lifestyle.

Nutrition and Wellness for Athletes #8290

One semester course Prerequisite: Health Grade Level 10-12 Credit 1/2

This course provides students an edge over competition by addressing overall health for the physically active. Topics covered will be athlete nutrition, sports-specific diets and training schedules, the psychology of an athlete, basic musculoskeletal anatomy, injury prevention and rehabilitation, and current issues in athletics; such as substance abuse and steroids. This course is recommended for athletes or students having a strong interest in coaching, fitness, nutrition, sports medicine, sports psychology, or sports management.

Personal Development/Resource Management #8200

One semester course Prerequisite: None Grade Level 9-12 Credit 1/2

Personal Development is a year-long course designed to help students grow and succeed with real world application. Topics studied include: Understanding yourself, social and emotional health, healthy relationships, nutrition and healthful eating, physical health and fitness, community living, financial skills and environmental health. This course has a \$25 fee.

Child Development #8210

One semester course Prerequisite: None/ Accuplacer for those attempting CCP credit Grade Level 9-12 Credit 1/2

In this half credit elective students will learn how children develop emotionally, physically, intellectually, and socially. Students will learn how to develop adult/parent/child relationships, how to use guidance and discipline to promote self-discipline, self-esteem and social behavior in children. The course will be advantageous for those considering a career in teaching, social work, pediatrics or psychology. Students will create age appropriate activities for 3-5 year olds and will have an opportunity to work with preschoolers in a nursery school setting. Students considering this course will be considering further training in Early Childhood Education at Vanguard/Sentinel Career Tech Center. CCP credit can be earned through Owens Community College for those who would like to pursue this option.

First Aid and CPR #0031

One semester course Prerequisite: Health Grade Level 11- 12 Credit 1/2

First Aid is designed to give the student a basic understanding of treatment of emergency conditions. Recognition of injuries and their specific treatment is a vital aspect also. CPR is a self-taught, self-paced course. Upon successful completion, the student will receive a Red Cross first aid card valid for three years.

Strength and Conditioning #0028

One semester course Prerequisite: None Grade Level 9-12 Credit 1/4

Individuals will train against their own abilities while enhancing their own physical health through increase muscular strength, muscular endurance, speed, agility, flexibility, and overall endurance. Students will be able to evaluate their own training goals, organize an individual training program, record progress, and participate in fitness related assessments.

PE Waiver

The Fremont City Schools Board of Education has adopted a policy that allows students to waive their physical education requirements. Students must complete two full seasons in athletics, marching band or cheerleading to meet this requirement. However, students will be required to complete one-half unit in another course.

Officiating in Athletics- Basketball/Baseball 0040

One semester course Prerequisite: None Grade Level 9-12 Credit 1/2

Individuals will learn the rules and skills necessary to sit for the Ohio Athletic Association Officials exam in these sports. Students who score a 75% or higher on the officials exam will be eligible for a Class 3 license to officiate sporting events. This course may satisfy the district physical education requirement. There is a fee associated with this course.

Officiating in Athletics- Football/Wrestling 0041

Grade Level 9-12 Credit 1/2

Individuals will learn the rules and skills necessary to sit for the Ohio Athletic Association Officials exam in these sports. Students who score a 75% or higher on the officials exam will be eligible for a Class 3 license to officiate sporting events. This course may satisfy the district physical education requirement. There is a fee associated with this course.

World Languages Department

French I #5100

Full year course

Prerequisite:

Grade Level 9-12

Credit 1

This course offers an introduction to the French language, culture and geography of French-speaking areas. French I students will acquire the listening, speaking, reading and writing skills necessary to express themselves in the target language on a basic level. Vocabulary and grammar relevant to the students' interests and ages will be presented in a contextual manner, encouraging active use of French in both the general and personal situations.

French II #5200

Full year course

Prerequisite: French I

Grade Level 10-12

Credit 1

A continuation of French I, this course offers further insight into the French language and culture of French-speaking areas. French II students will strengthen their listening, speaking, reading and writing skills through more advanced oral and written activities comparable to those used in French I. Students will utilize new vocabulary and grammar concepts when expressing themselves in a variety of tenses in both general and personal situations.

French III #5300

Full year course

Prerequisite: French II

Grade Level 11-12

Credit 1

French III is designed to encourage the student to expand his/her knowledge of the target language through speaking, reading and writing French. This will be accomplished through conversational dialogue revolving around and covering many everyday situations. Grammar will include exercises on verbs, idioms and diverse points emphasized in the language. Culture studies include the daily life of the French, the provinces, the cities ... especially Paris.

French IV #5400

Full year course

Prerequisites: French III

Grade Level 12

Credit 1

A further mastery of history, literature, grammar, conversations and writings are covered. A more advanced literary work is read along with shorter reading selections. Knowledge of culture is gained by doing research and reports. Activities are similar to the third year with more involvement and more in-depth concentration of the French culture. Purchase of a workbook may be required.

Spanish I #5120

Full year course

Prerequisite: C or higher in most recent English class

Grade Level 9-12

Credit 1

Students will learn to read, speak and write in Spanish on topics of basic personal information (name, age, and birthday), friends, school, shopping, clothing, foods and restaurants, family and homes, sports, feelings, weather and seasons, hobbies, and simple daily routine. They will build up a vocabulary that will enable them to understand spoken Spanish. They will be able to read materials that use present, immediate future and simple past tense. They will experience Spanish cultural activities and become aware of Spanish literature. Songs, games, charades, and multimedia programs are core to Spanish I.

Spanish II #5220

Full year course

Prerequisite: C or higher in Spanish I or
recommendation from Spanish I teacher

Grade Level 10-12

Credit 1

Students will expand their skills of reading, speaking and writing in Spanish on topics of hobbies, school classes and extracurricular activities, clothing and prices, daily routines and getting ready for special events, shopping, their childhood, professions and travel. They will greatly expand their vocabulary and listening comprehension. They will be able to read materials that use present, future, conditional, and the past tenses (preterit and imperfect). They will likewise experience Spanish cultural activities and Spanish literature. Songs, games, and multimedia programs are core to Spanish II.

Spanish III #5320

Full year course

Prerequisite: C or higher Spanish II or
recommendation from Spanish II teacher

Grade Level 11-12

Credit 1

Building on the basic vocabulary, grammar, and skills of Spanish I and II, students will continue learning about the following topics: emergencies, crises, rescues and heroic acts, accidents and medical terminology (injuries and treatments), traveling to foreign countries, professions, movies and television, the environment, food and recipes. They will continue to expand their vocabulary and listening comprehension. Students will read short stories, newspaper and magazine articles and brief selections from Spanish literature. Students will regularly read, speak and write in Spanish. Cultural activities are integrated into the program through film, song and other fun projects.

Spanish IV #5420

Full year course

Prerequisites: C or higher in Spanish III or
recommendation from Spanish III teacher

Grade Level 12

Credit 1

This course is designed for students who plan to attend college. It will prepare them to either test out of required courses or to have those requirements fulfilled, depending upon the university. The geography, history and culture of Spain and Latin America are taught in Spanish. Various literary genres from master Spanish speaking authors are also studied. Informal discussion on topics relating to the selections will provide oral proficiency and fluency for speaking with a native speaker. Conversation, writing and listening comprehension activities are part of each lesson.

Advanced Placement Spanish #5700

Full year course

Prerequisites: AP application and
Level III or IV recommendation

Grade Level: 12

Credit 1

In this class, students integrate the material from all prior Spanish-language learning with materials and methods designed to prepare students to successfully complete the Advanced Placement Spanish Language and Culture Exam. Students achieve an advanced level of speaking fluency, listening comprehension and writing competence. Students read from authentic materials and regularly listen to native speakers to ensure that their skills include using up to date real world vocabulary. Students learn to synthesize information, deliver persuasive presentations, write analytical essays and speak extemporaneously in the Target Language. Students will regularly complete additional independent assignments designed to enhance their preparation for high achievement on the Spanish AP Exam. Students taking this course must complete the summer assignment if one is assigned. Any student who would like to withdraw from this course must do so by August 1.

Personalized Learning Center (PLC)

Ross High School offers personalized learning opportunities for our students who may not be experiencing success within the traditional educational setting. Utilizing the A+ and PEAK online curriculum and our trained staff, students within the personalized learning center will develop and execute a learning plan to work toward their graduation requirements. With a comprehensive, flexible format, the PLC meets a variety of students' needs.

Program Description

Ross High Schools Personalized Learning Center (PLC) will offer three different pathways for students:

Our workforce development pathway will offer sessions in the AM for juniors and seniors. Students in this program will complete their core coursework online and then pursue employment opportunities for the remainder of their instructional day. The carefully planned work experience and exploration program is for students who can benefit from a career oriented educational program designed to meet the needs, interests and abilities of participants. The program is also designed to prepare students for the world of work. The PM workforce development program will be designed for our freshman and sophomore students. While the aims and goals of the PM program are the same as the AM, these students will complete their electives and Little Giant Pathways in class at Ross High. They will then attend the PLC in the PM for their core courses. Students enrolled in the workforce development pathway may be required to complete additional elective coursework in a career technical field in order to improve their employment marketability.

Recognizing that traditional learning may not be for everyone, the PLC has been created for students who may need a hybrid schedule with a mix of traditional courses and online curriculum. These students will be scheduled into the PLC for periods throughout their traditional learning day. These students will have access to the program teachers and tutors to support their learning.

Lastly, the PLC has a pathway available for students who need a credit recovery option. This is for students who may have previously failed a course and need to recover credit to meet graduation requirements. Students enrolled in this pathway will be scheduled into a study hall upon completing their credit recovery pathway.

The PLC utilizes a computer-based curriculum with interactive core courses correlated to the state's curriculum. This courseware consists of module pre-tests and post-tests that assign prescriptive lessons based on demonstrated student knowledge associated with the content. Through this innovative program, students may work at their own pace to master course objectives. In order to proceed through each course, students must achieve a minimum of 75% mastery within each module. In addition, the program provides a detailed record-keeping, administrative component offering specific reports on student progress and mastery of objectives.

The PLC may be accessed by any student as determined by a team meeting to determine the best programming option for students. The team may consist of the school counselor, administration, teacher(s), parent and student. The school administration will make the final determination as to program acceptance and pathway.

The PLC will be offered at Ross High School in the main computer lab. Each teacher in the program has been trained to facilitate and provide a supportive environment. The primary role of the facilitating teacher is to motivate students to succeed, and provide content support when necessary.

PLC Course Offerings

Mathematics

- Integrated I
- Integrated II
- Integrated III
- Algebra I
- Algebra II
- Geometry
- Pre-Calculus (Advanced Algebra/Trigonometry)

Social Studies

- American Government
- World History
- World Geography
- United States History
- Economics

Science

- Physical Science
- Biology
- Chemistry
- Environmental Science

English – Language Arts

- Ninth Grade Literature and Composition
- Tenth Grade Literature and Composition
- American Literature and Composition
- English Literature and Composition

Electives

- Anthropology
- Art Appreciation
- Career Essentials
- Health
- Humanities I
- Humanities II
- Lifetime Fitness
- Personal Finance
- Psychology
- Sociology
- Spanish
- **IT and Manufacturing Explorations*
- **Fundamentals of Manufacturing*
- **Manufacturing Systems*
- **Manufacturing Product Development*
- **Lean Manufacturing and Automation*
- **Manufacturing Process Development I*
- **Manufacturing Process Development II*
- **Precision Machining Technology*

*-Program requirements for Workforce Development Students

All courses can only be assigned following consultation with the school principal and/or counselor.

Vanguard-Sentinel Career & Technology Centers

Preparing for College & Careers

For over 40 years, Vanguard-Sentinel Career & Technology Centers has offered career and technical training to thousands of students in order for them to gain employment upon graduation from high school and/or to continue their education at the college level. They pride themselves in providing specialized training in 17 different program areas through a unique “hands-on” approach to education.

Entrance Requirements

In order to attend Vanguard-Sentinel Career & Technology Centers, it is recommended that students :

- Have junior status in high school, or be in their third year of high school
- Have a total of 7 high school credits, 5 of which must be earned through the core curriculum: English, math, science social studies, health, and/or physical education

In addition, students who choose one of the five complete College Ready programs or who attend college classes through the career programs must have a GPA of at least 2.5, and pass one or more portions of the Accuplacer Test, a college readiness test. Those who take advantage of the post-secondary option receive college credits. In addition, many programs offer articulated credit.

The application priority deadline is: **March 1, 2021**

Withdraw Process

If a student enrolled in Vanguard-Sentinel Career & Technology Centers wishes to withdraw from their Vanguard courses, either before the start of the school year up through the first two weeks of the semester OR mid-year, an appointment must be made with a Ross High School counselor or administrator. A mid-year withdraw is defined as any withdraw after the first two weeks of the start of the school year or semester. A mid-year withdraw will mandate the student to continue their current schedule until the start of the new semester when the schedule can be updated. The Ross counselor or administrator will contact a Vanguard counselor to arrange the appropriate change of schedule. Regardless of the timing of the request to withdraw from Vanguard, the process begins with the Ross High School counselor or administrator.

Vanguard-Sentinel Career & Technology Centers Programs

Auto Technology
Collision Repair
Independent Living
Business Management
Building Construction Trade
Computer Information & Support Systems
Digital Media Technologies
Criminal Justice
Culinary Arts
Cosmetology
Design, Engineering, and Architecture
Early Childhood Education
Electrical Trades
Engineering Technologies and Robotics
Medical Careers Academy
Medical Information Technology
Welding and Fabrication

The Board's policy of nondiscrimination extends to students, staff, job applicants, the general public and individuals whom it does business and applies to race, color, national origin, ancestry, citizenship status, religion, sex, sexual orientation, gender identity, economic status, age, disability or military status.