

STRASBURG-FRANKLIN HIGH SCHOOL
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MISSION

Strasburg-Franklin Local School will strive to create life-long learners who find value in academic excellence and are able to adapt to our rapidly changing global society.

GENERAL PROGRAM INFORMATION & REQUIREMENTS

INTRODUCTION

Strasburg-Franklin High School, home of the *TIGERS* has a curriculum designed to meet the needs of present and future endeavors of all students. The demands of our community and our society indicate an ever-increasing need for college and career readiness and highly rigorous academic expectations. When considering which courses you want to take next year, please think about your longer-term goals and plans, and then register for the courses that will help you achieve those goals. Good pre-planning is essential for students to reach their maximum potential. This booklet is meant to help you in planning your 4-year high school educational program. Your selections should be guided through consultation with teachers, guidance counselors, and parents.

This booklet reflects the ongoing revamping of State and Federal guidelines and requirements for earning a high school diploma. Please note that further legislative mandates may be added to high school graduation requirements. As we become aware of Federal, State, and District policy changes, we will inform parents and students. Circumstances may arise that could alter the course offerings, policies, and requirements stated in this booklet. Strasburg-Franklin Local School District does not discriminate on the basis of race, color, national origin, sex, or disability in the educational programs and activities operated in the district.

Strasburg-Franklin High School reserves the right to alter student schedules based on prerequisite requirements, standardized test performance, course availability and graduation requirements. This guide has been board adopted and is subject to modification as needed.

REQUIREMENTS FOR STRASBURG HIGH SCHOOL DIPLOMA

Graduating Class of 2014, 2015, 2016 & 2017

At the present time, 20 credits (minimum) are required for graduation

ENGLISH	4 credits	
SCIENCE	3 credits (4 credits are highly recommended)	*Must have one credit in a physical science and one credit in a biological science.
SOCIAL STUDIES	3 credits (4 credits are highly recommended)	Must earn one credit each in World History, Am. History, and American Govt./Econ.
MATHEMATICS	4 credits	* Students must earn credits through at least the Algebra II level.
PHYSICAL EDUCATION	½ credit **ALL students are required to take PE	Includes two ¼ credit physical education courses.
HEALTH	½ credit	One ½ credit health course required.
FINANCIAL LITERACY	½ credit	(During grades 9-12)
FINE ARTS	1 credit	Options include Band, Choir, Music Theory/History of Rock & Roll, and Art.

****EARN AT LEAST 3½ ADDITIONAL CREDITS TO TOTAL 20**

Graduation Test Requirements

For Students Who Need to Pass the Ohio Graduation Tests (OGT):

A. Notify student and parents about:

- Importance of earning a diploma;
- Need to meet both testing and curriculum requirements to earn a diploma;
- Any additional local graduation requirements;
- District's policy about participation in commencement ceremony.

B. How to access information (e.g., test blueprints, previous tests) on the Web about OGT:

- www.education.ohio.gov and search keyword: OGT.

C. OGT test administrations before graduation:

- Spring of 10th grade
- Summer between 10th and 11th grade (optional)
- Fall and spring of 11th grade
- Summer between 11th and 12th grade (optional)
- Fall and spring of 12th grade

D. To access previous graduation tests, go to education.ohio.gov and search keywords: previous OGT tests

New Graduation Requirements, Class 2018 and beyond **(taken from ODE website, 2/25/2015)**

Assessments

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

The courses in which students take an end-of-course exam will be: English I and II, algebra I or integrated math I, geometry or integrated math II, physical science or biology, American history and American government. Beginning in 2015-16 districts may have the option to use the state end-of-course exams to replace their current course final exams and use the state's test as part of the class grade. This will help avoid double testing in future years.

Students can earn from 1-5 points for each exam, based on their performance.

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

Students who take physical science, American history or American government as part of Advanced Placement, International Baccalaureate, and college dual credit or Credit Flexibility programs can use their scores from the programs' end-of-course exams in place of the state end-of-course exam scores to accumulate graduation points.

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

Exam Retakes

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

Graduation Points

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

More Flexibility for Students and Families

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

Students also can qualify for graduation by earning an approved industry-recognized credential and achieving a workforce-readiness score on a related job skills assessment. The selection of those assessments is in progress.

Alternative Way to Meet the Testing Requirements

A student may meet the testing requirements for passing all five Ohio Graduation Tests, if he or she meets ALL of the following criteria:

- Passes four of the five tests and has missed passing the fifth test by no more than 10 points;
- Has a 97 percent attendance rate, excluding any excused absences, through all four years of high school;
- Has not been expelled from school in any of the last four school years;
- Has at least a grade point average of 2.5 out of 4.0 in the courses of the subject area not yet passed;
- Has completed the high school curriculum requirement;
- Has participated in any intervention programs offered by the school and must have had a 97 percent attendance rate in any programs offered outside the normal school day; and
- Has letters recommending graduation from the high school principal and from each high school teacher in the subject area not yet passed.

NOTE: As specified in the Ohio Revised Code (Section 3313.615), this alternative way to meet the testing requirement applies only to students graduating after Sept. 15, 2006.

TYPES OF DIPLOMAS AWARDED

There will be two types of diplomas awarded to students who meet local and state high school graduation requirements: general and honors.

In order to receive a **General Diploma** a student must...

1. Meet all requirements for graduation specified by the Strasburg-Franklin Local Board of Education AND
2. Accumulate 18 testing points by the end of their senior year.

A **Diploma with Honors** shall be awarded to any student who completes 1 and 2 above and also meets the criteria provided below.

Must meet at least seven of the following eight criteria:

1. Earn four units of English
2. Earn at least four units of mathematics which shall include Algebra I, Algebra II, Geometry and another higher level course or a four-year sequence of courses which contains equivalent content
3. Earn at least four units of science including one unit of physics and one unit of chemistry
4. Earn four units of social studies
5. Earn either three units of one foreign language or two units each of two foreign languages
6. Earn one unit of fine arts
7. Maintain an overall high school grade point average of at least 3.5 on a four-point scale up to the last grading period of their senior year
8. Obtain a composite score of 27 on the ACT or a score of 1210 on the SAT (with no regard for the writing section).

Diploma with Honors Requirements pre-suppose the completion of all high school diploma requirements in the Ohio Revised Code including: ½ unit Physical Education, ½ unit Health, ½ unit in American History and ½ unit Government.

ATHLETIC ELIGIBILITY

OHSAA By-Law #4-4-4

A student enrolling in the seventh grade for the first time will be eligible for the first grading period regardless of previous academic achievement. Thereafter, in order to be eligible, a student in grade 7 or 8 must have been enrolled in school the immediately preceding grading period and received passing grades in at least five of the classes they took the preceding grading period.

OHSAA By-Law #4-4-1

In order to be eligible in grades 9-12, a student must be currently enrolled and must have been enrolled in school the immediately preceding grading period. During the preceding grading period, the student must have received passing grades in a minimum of **FIVE** one-credit courses, or the equivalent, which count toward graduation. Full-time post -secondary students must be scheduled in at least 13 semester college credit hours to ensure athletic eligibility.

****1/4 credit classes, such as Physical Education, DO NOT count toward eligibility. Student-Athletes should schedule a strong enough schedule to allow for these guidelines.***

*Student-Athletes who will be registering with the NCAA Clearinghouse should consult the school counselor for a list of NCAA approved courses. Eligibility standards information and other valuable information is available at www.ncaaclearinghouse.net . When registering to take the ACT or SAT, be sure to indicate you want your score to go directly to NCAA (use code 9999). NAIA colleges require registration as well – go to www.PlayNAIA.org .

NEW - College Credit Plus (CCP)

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

Items for consideration include:

1. Program eligibility: 18 on the Language and Reading section of the ACT for Kent Tusc
2. An explanation of the options
3. Financial arrangements for tuition, books, materials, and fees
4. The process for granting credit*
5. Transportation issues, Strasburg Franklin will not provide bussing
6. Available support services
7. Scheduling
8. Consequences of failing a course, not completing a course, or dropping a course after deadline**
9. The program's impact on graduation requirements and grade point average
10. Academic and social responsibilities of the students and parents
11. Information about and encouragement toward the college counseling services
12. Encouragement to all students with ability to undertake college work
13. Students will have times when they are unsupervised during the school day.
14. Students are required to follow school policy on signing in/out procedure daily.

*Credit for courses will be awarded according to the following formulas:

- a) 5 semester hours of college credit shall equal one high school credit;
- b) 7½ quarter hours of college shall equal one high school credit.

Hours of credit will be proportionally awarded.

No more than the equivalent of 8 high school credits may be taken in one school year.

****Students who drop a college course after the no-penalty deadline, do not complete a college course, or earn less than a grade of D in a college course will be required to reimburse Strasburg-Franklin Local School District for the cost of fees and tuition assessed by the college.**

All students in grades 7-11 who take the ACT or corresponding placement are eligible for this program. These students may also attend any college or university within a 30 mile radius of Strasburg High School. Once the decision has been made to participate the student and guardians will meet with myself and the college advising counselor for advising appointments. We have adopted the tracks from Kent State University and a small amount of classes from Stark State which will be offered online or by adjunct.

BUCKEYE CAREER CENTER

Buckeye Career Center (BCC) offers many career technical programs to juniors and seniors. Strasburg students typically have the opportunity to visit and explore BCC programs during their 8th grade and sophomore years.

To be admitted to Buckeye Career Center, students must have at least 10 credits and be at least 16-years-old. Students are required to have a 90% average attendance rate and be on track to graduate in two years. It is also very important that students have earned their PE and Health credits before attending BCC.

Buckeye Career Center students who have taken an intensive career-technical education curriculum must meet at least seven of the following eight criteria:

1. Earn four units of English
2. Earn at least four units of mathematics which shall include Algebra I, Algebra II, Geometry and another higher level course or a four-year sequence of courses which contains equivalent content
3. Earn at least four units of science including one unit of physics and one unit of chemistry
4. Earn four units of social studies
5. Earn four units in a career-technical education program that leads to an industry-recognized credential, results in an apprenticeship, or is part of an articulated career pathway that can lead to post secondary credit. If the student's program design does not provide for any of these outcomes, then the student must achieve the proficiency benchmark established for the applicable Ohio Career-Technical Competency Assessment or the equivalent
6. Achieve the proficiency benchmark established for the Ohio Career-Technical Competency Assessment or equivalent assessment aligned with state-approved and industry validated technical standards
7. Maintain an overall high school grade point average of at least 3.5 on a four-point scale up to the last grading period of their senior year
8. Obtain a composite score of 27 on the ACT assessment or a score of 1210 on the SAT (with no regard for the writing section).

MINIMUM COLLEGE ENTRANCE REQUIREMENTS

The following is typical of **minimum** admission requirements: 4 units of English, 4 units of college preparatory mathematics, 3 units of college preparatory science, 3 units of social studies, 2 to 3 units of a foreign language, and 1 unit of visual or performing arts (i.e. art, choir, or band). An ACT or SAT score is also required. (A writing component is now an option for the ACT exam and several colleges and universities require a writing score.)

Due to high numbers of applicants, many colleges and universities are selective and look for achievements beyond the minimum requirements. Therefore, students **should** take at least 4 units of college preparatory mathematics, 4 units of college preparatory science, and at least 3 units of a foreign language in order to ensure a solid foundation for entering college level courses and to present a strong transcript for college admissions consideration.

Students who have not completed the above courses may be admitted "conditionally", meaning they will have to make up certain deficiencies before being permitted to begin college courses toward their degree. This adds to the cost and time length of earning a college degree.

TYPICAL COURSE OF STUDY SEQUENCE GUIDELINE

9th Grade

English 9
 Physical Science
 World History
 Algebra I or Geometry (if have already taken Algebra I)
 Physical Education
 Health
 Spanish I
 1 or 2 additional elective (depends on which math course taken)
 1 Study hall

10th Grade

English 10
 Biology
 American History
 Geometry, Applied Algebra, or Algebra II (if have already taken Geometry)
 Physical Education
 Financial Literacy
 Spanish II
 Technical Writing/Study skills (semester)
 Electives
 1 Study hall

11th Grade

English 11
 Chemistry
 American Government or AP American Government
 Applied Algebra, Algebra II or Pre-Calculus (if have already taken Algebra II)
 Spanish III
 Career Exploration (semester)
 Electives
 1 Study hall

12th Grade

English 12
 Physics or Anatomy/Physiology or AP Biology
 Algebra II or Pre-Calculus/Trigonometry or Calculus or College Prep Math
 Government (if not taken as a junior) or AP Government
 4 additional electives

****May only take one study hall/year, all grades. Seniors may be exempt****

IMPORTANT INFORMATION

In many cases, courses are designed to be taken in sequence. As such, students are not permitted to enroll in courses without having met prerequisites.

Students are expected to be responsible enough to be prepared for class each day, to complete all required assignments, and to seek assistance from their teachers as needed. Obviously, the best course of action is to make sure that a course is passed the first time taken, thus ensuring the student is on track for high school graduation.

It is expected that students will work hard to pass their courses. **If students are having difficulty in a course, it is imperative that they, along with their parents, meet with the course teacher to devise a plan to help the student achieve success.**

COURSE OFFERINGS AND COURSE DESCRIPTIONS

****All courses are subject to change due to number of students enrolled or at the discretion of the administration****

ENGLISH

English I (1 credit) 1 Year

Prerequisite: none

This freshman course is designed to improve skills in written and spoken communication, increase knowledge and skills in grammar, usage and mechanics, and improve reading skills, vocabulary, and comprehension of all forms of literature and literary nonfiction.

English II (1 credit) 1 Year

Prerequisite: English I

In this sophomore course students will be asked to examine the strengths and weaknesses of their writing. The course's objective is to make students recognize the importance of clear and easily understood writing. Therefore, much writing is done with an emphasis on realizing how an essay can be effective. A research paper is required. In addition, much time is devoted to studying short stories, novels, poetry, and drama. Recognizing and understanding key literary terms and themes as well as informational texts are also heavily stressed.

English III (1 credit) 1 Year

Prerequisite: English II

This junior course focuses on American literature through the study of short stories, novels, plays, drama, non-fiction, and poetry. Selections will start with literature from before 1750 and continue through modern day with special emphasis on Puritanism during the 1700's. Students will analyze seventeenth-, eighteenth-, and nineteenth-century foundational U.S. documents of historical and literary significance. Journals will be written throughout the year and a research paper is required. Students will draw evidence from literary or informational texts to support analysis, reflection, and research. A brief review of grammar skills is also part of English 11.

English IV (1 credit) 1 Year

Prerequisite: English III

The focus is on British literature from the Anglo-Saxon period to the 20th century through the study of short stories, novels, drama, and poetry. Two Shakespearian tragedies will be read. An emphasis is placed on improving writing skills through research and grammar. Students will read and comprehend literature, including stories, dramas, and poems, at the high end of the grade text complexity band independently and proficiently. Two research papers are required to pass this course.

Technical Writing (1/2 Credit) 1 Semester

Prerequisite: Sophomore/Junior Standing

This course will begin with a focus on the basics of technical writing: definitions, directions, descriptions, outlines, highlighting key ideas, etc. Students will be taught extensive study and note-taking skills, including how to use outlines and note cards in their studying process. Students will produce various types of technical writing such as “How-To articles,” step-by-step directions, cover letters and resumes, surveys, etc. This course will also cover oral presentations, using visual aids, using graphics in informative writing, MLA format, and APA format.

Novels I (1/2 credit) 1 Semester

Prerequisite - None

This elective course will focus on different genres of literature including, but not limited to, mysteries, contemporary authors, historical fiction, war novels, science fiction, fantasy, and horror.

Novels II (1/2 credit) 1 Semester

Prerequisite – Novels I

This elective course will focus on different genres of literature including, but not limited to, mysteries, contemporary authors, historical fiction, war novels, science fiction, fantasy, and horror.

Novels 8 (1/2 credit) 1 SemesterPrerequisite – 8th Grade

Students will read, write, and comprehend literary and nonfiction novels at the high end of the grades 6–8 text complexity band independently and proficiently.

Literary Communication [Speech] (1/2 credit) 1 Semester

Prerequisite - None

This is a course designed for students who wish to improve their communication skills. Special emphasis is placed on public speaking and group discussion. Students will learn the proper way to give a demonstration speech, a persuasive speech, an entertaining speech, an informative speech, an acceptance speech, and an introductory speech. Much attention is devoted to recognizing verbal and nonverbal communication strengths and weaknesses.

SCIENCEPhysical Science (1 credit) 1 Year

Prerequisite - None

Ohio law requires a three-unit course with inquiry-based laboratory experience that engages students in asking valid scientific questions and gathering and analyzing information. Physical science comprises the systematic study of the physical world as it relates to fundamental concepts about matter, energy and motion. Students will gain a unified understanding of phenomena in physical, living, Earth and space systems.

Biology (1 credit) 1 Year

Prerequisite - None

Ohio law requires a course with inquiry-based laboratory experience that engages students in asking valid scientific questions and gathering and analyzing information. Life will be studied on various levels including the chemical basis of life, the cell and its environment, cellular energy, respiration, and photosynthesis. Genetics, the principles and mechanisms of heredity, classification and taxonomy, evolution and the continuing change of life over time will be studied as well.

Physics - (1 credit) 1 Year

Prerequisite – junior or senior standing

Ohio law requires a three-unit course with inquiry-based laboratory experience that engages students in asking valid scientific questions and gathering and analyzing information. Topics include: force, momentum, motion, energy (work and power), waves (sound, mechanical, electromagnetic), electricity (direct and alternating current), and electromagnetism.

Chemistry (1 credit) – 1 Year

Prerequisite - sophomore, junior or senior standing

Ohio law requires a three-unit course with inquiry-based laboratory experience that engages students in asking valid scientific questions and gathering and analyzing information. Chemistry comprises a systematic study of the predictive physical interactions of matter and subsequent events that occur in the natural world. Topics include: atomic structure, periodic table, intramolecular and intermolecular chemical bonding, and compounds, quantifying matter, phases of matter, chemical reactions, gas laws, stoichiometry, and nuclear reactions.

Anatomy and Physiology (1 credit) 1 Year

Prerequisite – sophomore, junior or senior standing

This course focuses on the study of human anatomy and physiology. The body will be studied at the molecular, tissue, organ, and organ system levels. Various body planes and directional terms of the body will be identified. Labs accompany the course work whenever appropriate. This course is designed for students who have a strong interest in biology.

SOCIAL STUDIESAmerican History (1 credit) 1 YearPrerequisite – 9th Grade

American History will show the advance of the American Nation governmentally, politically, geographically, economically, and socially. This will include a survey of Reconstruction (1870's), growth and development in the late 19th Century, the emergence of distinct political groups and the U.S. as a world power, WWII, the Cold War, the Vietnam War, and through to the present. In addition, a 6-9 week period of emphasis will be placed on citizenship, government, and North American geography.

World History (1 credit) 1 Year

Prerequisite – American History

This course examines world events from 1600 to the present. It explores the impact of the democratic and industrial revolutions, the forces that led to world domination by European powers, the wars that changed empires, the ideas that led to independence movements and the effects of global interdependence.

American Government (1 credit) 1 Year

Prerequisite – junior or senior standing

This course will cover various governmental topics from civic involvement to the government's role in the economy. Other topics that will be covered include the structure of the federal government, basics of the Constitution, public policy, and Ohio's state and local governments. Students will learn to read primary documents as well as stay abreast of current issues within the government for analytical purposes.

Financial Literacy (1/2 credit) 1 Semester

Prerequisite - None

This course explores the fundamentals that guide individuals and nations as they make choices about how to use limited resources to satisfy their wants. More specifically, it examines the ability of individuals to use knowledge and skills to manage limited financial resources effectively for a lifetime of financial security. This course is designed to provide students with the basic skills and knowledge needed to effectively manage their personal finances.

Contemporary World Issues (1/2 credit) 1 Semester

Prerequisite – sophomore, junior, or senior

The dynamics of global interactions among nations and regions present issues that affect all humanity. Students will study competing beliefs and goals; methods of engagement; and conflict and cooperation. Contemporary issues have political, economic, social, historic and geographic components.

Career Pathways (1/2 credit) 1 Semester

Prerequisite – High School standing

Students will participate in career exploration while focusing on career planning. Activities provide advanced experiences that offer opportunities in the workplace. Career planning strategies focus on making clear links between career options and educational decisions. Students develop planning strategies as they face career changes throughout life.

Career Exploration (1/2 credit) 1 SemesterPrerequisite – Middle Grades 6 – 8th grades

Students explore their career interests through embedded activities. Career exploration strategies allow students to discover work opportunities. Students start plans for their future with career information and education data, including course selection and career goals.

World Geography (1/2 credit) 1 Semester

Prerequisite - None

This course builds on students' understanding of geography and spatial thinking. Contemporary issues are explored through the lens of geography. In addition to understanding where physical and cultural features are located and why those features are located as they are, students examine the implications of these spatial arrangements.

War & Peace In The 20th Century (1/2 credit) 1 Semester

Prerequisite - junior or senior standing

This elective class will explore the major military engagements of the 20th century, and will also study the 21st century war in Iraq and Afghanistan. Video and internet sources will mainly be used as students use hands-on techniques to discover the “pros” and “cons” of the United States' involvement in these major wars. Students will learn of the long lasting political consequences of these engagements and report this information back in a variety of ways including oral and written presentations.

Science Fiction Television Culture and History (1/2 credit) 1 Semester

Prerequisite - junior or senior standing

This course will examine how historical events, forces, and ideas (cultural and legal) from the 1960's to the present have been explored and examined through the use of sci-fi television. The course will investigate the relationship between the TV series Star Trek and the larger historical and cultural context in which they took place. This course will also examine Star Trek's use of historical settings and moments from Ancient Rome to WWII, as well as explore how important contemporary social and cultural issues ranging from race and gender to sexuality and politics were addressed.

MATHEMATICSAlgebra I (1 credit) 1 Year

Prerequisite - None

In Algebra I students will learn about the basic language of algebraic expressions, properties of the real number system, solving linear inequalities and quadratic equations, polynomials, as well as other algebraic phenomena.

Geometry (1 credit) 1 Year

Prerequisite – Algebra I

Geometry is the study of inductive and deductive reasoning using postulates and theorems. Students will be studying parallel lines and planes, congruent triangles, similar polygons, circles, area of polygons, volumes of solids and construction problems. Proofs are included in every area and are very important in teaching students how to reason inductively and deductively.

Algebra I Concepts (1 credit) 1 year

Prerequisite – none

This course is designed for students who have taken Algebra I or need to strengthen their algebra skills and understanding in order to be successful when they take Algebra I or Algebra II. Students will learn about the basic language of algebraic expressions, properties of the real number system, solving linear inequalities, quadratic equations, exponential functions, radical and rational functions, statistics & probability.

Algebra II (1 credit) 1 Year

Prerequisite - Algebra I & Geometry

This course is designed to build on algebraic concepts. It develops advanced algebra skill such as systems of equations, advanced polynomials, imaginary and complex numbers, functions and their inverses, matrices, quadratics and concepts. A graphing calculator, TI 84 or equivalent is required for this course.

Algebra II Concepts (1 credit) 1 Year

Prerequisite – Algebra I, Geometry

This course is designed to build on algebraic concepts. It develops a slower advanced algebra skill such as systems of equations, advanced polynomials, imaginary and complex numbers, functions and their inverses, matrices, quadratics and concepts. A graphing calculator, TI 84 or equivalent is required for this course.

Beginning Statistics & Probability (1/2 credit) 1 Semester

Prerequisite – Juniors & Seniors

Decisions or predictions are often based on data—numbers in context. These decisions or predictions would be easy if the data always sent a clear message, but the message is often obscured by variability. Students will begin to understand that statistics provides tools for describing variability in data and for making informed decisions that take it into account.

Pre-Calculus/ Calculus (2 credits, 2 periods/day) 1 Year

Prerequisite – Algebra I, Geometry and Algebra II

A math course for college bound seniors, pre-calculus/calc serves as an introduction to college mathematics courses. It covers sequences, series, limits of functions, introduction to calculus, graphing, trigonometry, complex numbers, probability, and functions. A graphing calculator, TI 84 or equivalent is required for this course. Calculus is the branch of mathematics used by engineers, physicists, weather forecasters, aircraft designers, astronauts, scientists, and others to develop theories, solve practical problems, and help understand and predict natural phenomena. A graphing calculator, TI 84 or equivalent is required for this course.

College Prep Math/Functions (1 Credit) 1 Year

Prerequisite – senior standing

College Prep Math is designed to help students improve math skills so they are prepared for college math and can begin taking courses toward their degree immediately when they get to college, avoiding developmental math.

PHYSICAL EDUCATION AND HEALTHPhysical Education (Grade 9) (1/4 credit) 1 Semester

Prerequisite - None

This course is designed to develop physical skills in various individual and team sports with a strong emphasis on physical fitness. The course will be coeducational and is required for ninth graders.

Health (1/2 credit) 1 Semester

Prerequisite - None

The intent of this program is to help young people make independent, informed decisions concerning their physical, mental and social well-being. Individual, family and community interests are considered in relation to the many factors affecting health in today's world: physical systems and functions, fitness, rest and recreation, use of stimulants and drugs, nutrition and grooming, emotional and psychological development, disease processes, care and prevention, safety and first aid, environmental issues, health services and careers. Health practices, alternatives, and problem areas serve as a basis for examination, discussion, and decision-making.

Physical Education (Grade 10) (1/4 credit) 1 SemesterPrerequisite – 9th Gr PE

This coeducational course is a progressive instructional program of activities with the emphasis on individual and dual activities such as archery, badminton, shuffleboard, bowling, tennis, golf, volleyball, etc.

PE Waivers: The board of education of each school district and the governing authority of each chartered nonpublic school may adopt a policy to excuse from the high school physical education requirement each student who, during high school, has participated in interscholastic athletics, marching band or cheerleading for at least two full seasons or an approved Junior Reserve Officer Training Corps (JROTC) program for two years. If the board or authority adopts such a policy, the board or authority shall not require the student to complete any Physical Education course as a condition to graduate. However, the student shall be required to complete one-half unit, consisting of at least 60 hours of instruction, in another course of study. (From the Ohio Department of Education website) ***See Mrs. Tidrick to get a form if you qualify for the waiver program or with questions!***

ARTArt I (1 credit) 1 Year

Prerequisite - None

Basic art includes a study of drawing, painting, printing, and sculpture. Art history will be included each week. Sketches will be required each week. All requirements must be met in order to pass. Open to students in grades 9-12. This class may be taken for one year only.

Art II (1 credit) 1 YearPrerequisite - Art I sophomore,
junior, senior standing

Advanced problems in drawing, painting, printing, and sculpture will be used in this course. Ceramics will also be introduced, and art history will be included each week. Sketches will be required each week. All requirements must be met in order to pass. Open to students in grades 10-12 who have successfully completed one year of Art I.

Art III (1 credit) 1 Year

Prerequisite – Art II junior, senior standing***

Advanced problems in drawing, painting, printing, and sculpture will be used in this course. Art history will be included each week. Sketches will be required each week. All requirements must be met in order to pass. Open to students in grades 11-12.

Art IV (1 credit) 1 Year

Prerequisite - Art III senior standing***

Advanced problems in drawing, painting, printing, and sculpture will be used in this course. Art history will be included each week. Sketches will be required each week. All requirements must be met in order to pass. Open to students in grade 12.

*****Seniors may take Art III and IV together if given permission by the art teacher.**

MUSIC

Concert and Marching Band (1 credit) 1 Year

Prerequisite - None

Concert Band meets five periods each week. Attendance at all performances is mandatory. The marching band performs at parades, band previews, and at all football games. The concert band performs at several concerts each year, and the band concert in the spring. Students may participate in solo and ensemble contests.

Choir (1/2 or 1 credit)

Prerequisite - None

Choir meets five periods each week. The ensemble performs throughout the year within the school and in public. Attendance at all performances is mandatory. The students will experience music from many different time periods, ranging from the classical to the pop idiom.

Music Theory (1/2 credit) 1 Semester

Prerequisite - None

This course is a theoretical study of music. The focus will be on learning how to notate music and understand how music works.

History of Rock and Roll (1/2 credit) 1 Semester

Prerequisite - None

This course involves the study of the history of music starting with the development of electric guitar and on through current popular music. Discover the music and the people who made rock music what it is today!

FOREIGN LANGUAGE

Exploratory Spanish (1 credit) 1 Yea

Prerequisite – 6th Graders

Exploratory Spanish is an introductory course intended to introduce Spanish and the Spanish Culture to students. Students will learn basic Spanish language and study the culture of the Spanish community.

Intro to Spanish - 7/8 (1/2 credit) 1 Semester

Prerequisite – 7th & 8th Graders

Spanish I, 7/8 is an introductory course. Oral and written communication in Spanish is the intended goal with heavy emphasis on vocabulary, pronunciation and grammar. Class participation and proper behavior are required. Students will be expected to work in large group, small group, and individually. Students learn words used to read short dialogues and stories, and answer questions about them, do grammar exercises, and investigate cultural topics.

Spanish I (1 credit) 1 Year

Prerequisite - "C" in previous year's English course
OR permission from instructor

Spanish I is an introductory course. Oral and written communication in Spanish is the intended goal with heavy emphasis on vocabulary, pronunciation and grammar. Class participation and proper behavior are required. Students will be expected to work in large group, small group, and individually. Students learn words used to read short dialogues and stories, and answer questions about them, do grammar exercises, and investigate cultural topics. Language CD's, videos, communication activities, and a workbook/audio manual are used. Homework assignments, quizzes, and tests are frequent. This course is considered to be college preparatory and is intended for freshman; however, upperclassmen may enroll for personal interest reasons in any year scheduling permits.

Spanish II (1 credit) 1 Year

Prerequisite- Spanish I (recommended that student earned at least a “C” in previous level)

Spanish II is an intermediate level course which meets five periods per week and continues the work begun in the introductory class. Retention of vocabulary and grammar from the previous year is expected. Activities are similar to those listed in Level I, although more in-depth.

Spanish III (1 credit) 1 Year

Prerequisite - Spanish II (recommended that the student earned at least a “C” in previous level)

Spanish III is an advanced course meeting five periods per week. The course seeks to expand knowledge of the language through reading, writing, speaking, and listening. Some of the cultural topics covered are history, art, and literature. In-depth grammar study and vocabulary enrichment are emphasized.

Spanish IV (1 credit) 1 Year

Prerequisite – Spanish III (recommended that the student earned at least a “C” in previous level)

Spanish IV is an advanced course meeting five periods per week. The goal of this course is to promote fluency in the target language via intensive study and practice of all verb tenses and specific vocabulary. This course will focus on applying concepts learned in the previous three levels. Cultural, historical and geographical aspects of the language will also be emphasized.

BUSINESS/COMPUTER TECHNOLOGYAccounting I (1 credit) 1 Year

Prerequisite - None

Accounting is a program designed to acquaint the student with a systematic form of keeping records for personal or business purposes. Students will learn the vocabulary of accounting, the proper recording of business transactions, the use of journals, and the preparation and interpretation of financial reports. Students will learn manual accounting practices and then transfer those practices to computerized accounting.

Accounting II (1 credit) 1 Year

Prerequisite - Accounting I

Students will expand their accounting knowledge by gaining a broader understanding of the business activities needed to maintain and interpret financial records for more effective management. Students will learn manual accounting practices and then transfer those practices to the computer.

Web Page Design (1/2 credit) 1 Semester

Prerequisite - None (Limited Enrollment)

Students will learn how to design and maintain a web page. This course will show students how to analyze information and apply graphic design techniques to develop effective, pleasing, and useful web sites. During the course, students will learn the keys to effective presentation by consistently and repeatedly analyzing, evaluating and improving the web page, whether by updating or clarifying information, introducing a new technology, or adding or removing hyper links to make it easier for the person using the site to move through it. **Any student who by any means compromises the district web site will be immediately withdrawn from the class.**

Desktop Publishing (1/2 credit) 1 Semester

Prerequisite - None

This course uses computer technology to produce a variety of documents such as flyers, brochures, pamphlets, newsletters, booklets and business forms. Students enrolled in class will cover these areas: desktop publishing and printing terminology, design and layout of a document, use of computer hardware and software for page layouts, and using graphic elements with text to enhance the document. Students completing this course will enhance their abilities to communicate with others through printed media and will be invited to work on one of the school's publications, such as the Tiger Roar or the yearbook

Computer Apps (1/2 credit) 1 Semester

Prerequisite - None

This class will introduce students to the basics of Multimedia, the types of equipment used in production focusing on current types of equipment such as scanners, printers, digital cameras, camcorders and computers. Students will gain hands-on experience using production software such as (but not limited to) PhotoShop, video editing software, Flash, Fireworks and Freehand. Students will also explore applying learned skills to Web design.

Broadcast and Video Production (1 credit) 1 YearPrerequisite – sophomore,
junior, or senior standing

This course is designed for students with an interest in video technology and communications. The course will provide students the opportunity to develop skills in pre-production, production, post-production, media history and career exploration in a classroom and media lab setting. Students will be challenged to review and analyze written, video, and other media productions. The video production will include commercials, public service announcements, music videos, and short movies. The students will learn how to create and implement scripts, rundowns, announcer voiceovers, introductions, and closures. These students could be assigned to morning announcement productions and/or various video for the school website.

Marketing (½ credit) 1 Semester

Prerequisite - None

This course is designed to explore the principles of marketing. It will introduce students to the skills needed in marketing careers. Some of the topics that will be covered include competition in the marketplace, marketing planning, creating the marketing mix, and risks and ethics of the market place.

Introduction to Business (1/2 credit) 1 Semester

Prerequisite - None

This course offers an explanation of business concepts that helps students make informed decisions. Subject areas will explore what businesses are, how they work, and what impact they have on student's everyday lives. Students also learn what steps they can take to prepare for success in business careers.