



James A. Garfield High School

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James A. Garfield High School Students and Parents:

It is my pleasure to share with you our 2009-2010 curriculum guide. The contents of this guide are designed to help you maximize the choices that you have as a student here at our high school. Please use the information contained in this guide as an information tool. As you can see from the table of contents, this guide covers a great deal of topics including such things as post secondary options for college credit. It also covers items such as how many credits one needs to earn to graduate.

I hope all of you realize that we develop the schedule based on students' requests and while we do try our very best to help all students receive their first choices, it is very difficult for this to happen. The administrative and guidance staff spend a great deal of time developing the master schedule. There are circumstances which students will have to take a class that is their second choice.

Please read the guide closely. It will help you to formulate your future. We are proud of all the choices we can offer students and remember you are part of an "excellent" high school. Your hard work in academics and your attendance will help us keep the "excellent" ranking.

Beginning next year, the Board of Education has adopted a policy that allows Physical Education credit for students who participate in interscholastic sports, band or cheerleading for two full seasons. This will allow more flexibility in developing students' schedules.

If you have any questions, please contact myself, Jennifer Mulhern, Assistant Principal, Jennifer Alvim, 11th & 12th grade Guidance Counselor, and or Shelby Scirocco, 9th & 10th grade Guidance Counselor.

Educationally yours,

Joseph J. Malmisur
Principal

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Graduation Requirements

It is the student's responsibility to see that requirements for graduation are met. The Guidance and Counseling Department will make every effort to keep up-to-date records and to keep students and parents informed. **However, the final responsibility rests with the student and parents.** If you have questions regarding scheduling or other questions, please contact a counselor @ (330)527-4341.

Minimum Requirements for Graduation

English	4 Credits	
Social Studies	3 Credits	
Mathematics	3 Credits	
Science	3 Credits	Includes one unit each of Biological and Physical Science
Health	.5 Credit	
Physical Education	.5 Credit	
Electives	6 Credits	Includes one unit or two-half units in Business/Technology, Fine Arts, or Foreign Language

*Freshmen entering in Fall 2008 must take Computer Applications as a graduation requirement.

Total: 20 Credits

The James A. Garfield School District has adopted a policy that exempts students who participate in interscholastic athletics, band or cheerleading for two full seasons from the physical education requirement. Students must take another course of at least 60 contact hours in its place.

Ohio Graduation Tests

All students must pass all five sections of The Ohio Graduation Test in order to graduate. The test will be administered once in the tenth grade and twice each year in the eleventh and twelfth grades.

Diploma Levels

The following criteria will determine which diploma will be earned by a student completing the minimum graduation requirements at Garfield High School:

Diploma

To qualify for a **Diploma** students must:

- meet all graduation requirements at Garfield High School
- pass all five sections of The Ohio Graduation Test; Science, Social Studies, Math, Reading, and Writing
- not be eligible for an Honors Diploma

To qualify for an **Honors Diploma**, students must meet the requirements for the regular diploma plus criteria for honors listed below. Depending on whether a student is completing a college preparatory or career-technical education curriculum, honors diploma requirements differ slightly.

**High School Academic Diploma with Honors
for Graduating Classes of 2008 - 2010**

*Students who complete the **college preparatory curriculum**
in high school must meet any eight of the following nine criteria:*

SUBJECT	CRITERIA
English	4 units
Mathematics	3 units, Algebra I, Geometry, Algebra II or a three year sequence of courses that contain equivalent content
Science	3 units, to include instructional emphasis on the physical, life, and earth & space sciences
Social Studies	3 units
Foreign Language	3 units of one, or two units each of two languages studied
Fine Arts	1 unit
Business-Technology	3 additional units from above and could also include business and technology
Grade Point Average	3.5 on a 4.0 scale
ACT/SAT Score (excluding scores from the writing sections)	27 ACT / equivalent composite SAT score

*Students who complete an **intensive career-technical education curriculum**
in high school must meet any nine of the following ten criteria:*

SUBJECT	CRITERIA
English	4 units, which may include 1 unit of applied communication
Mathematics	3 units, Algebra and Geometry or a sequence of courses that contain equivalent content
Science	3 units that develop concepts for physical, life & earth, and space sciences
Social Studies	3 units
Foreign Language	2 units of a foreign language, or 2 units of business/technology, or one unit of each
Career-Technology	3 units in the student's career-technical education curriculum
Fine Arts	2 units, or 2 additional units from above
Grade Point Average	3.5 on a 4.0 scale
Achievement	Complete a career passport that reflects achievement of the occupational proficiency benchmark established for the Ohio Vocational Competency Assessment or the equivalent
ACT/SAT Score (excluding scores from the writing sections)	27 ACT / equivalent composite SAT score

**High School Academic Diploma with Honors
for Graduating Classes of 2011 and beyond**

Students need to fulfill only 7 of the following 8 criteria

SUBJECT	CRITERIA
English	4 units
Mathematics	4 units, including Algebra I, Geometry, Algebra II or equivalent and another higher level course or a four-year sequence of courses that contain equivalent content
Science	4 units, including Physics and Chemistry
Social Studies	4 units
Foreign Language	3 units, including at least 2 units in each language studied
Fine Arts	1 unit
Career-Technical	Not counted toward requirements and may not be used to meet requirements
Electives	Not counted toward requirements
Grade Point Average	3.5 on a 4.0 scale
ACT/SAT Score (excluding scores from the writing sections)	27 ACT / 1210 SAT
Additional Assessment	None

Classification of Students

Students are required to be scheduled in a class for six (6) periods per day.

This translates into a:

Minimum load for Freshmen & Sophomores - 5 3/4 credits per year

Minimum load for Juniors and Seniors - 6 credits per year

College Preparatory Curriculum

The enriched program will meet the needs of most colleges and universities. The following courses are recommended for those students considering higher education.

*** If a student would like a study hall, they should only schedule for 6 credits.**

Grade 9 – 5 ¾ Credit Minimum

English 9	1 Credit
Physical Science	1 Credit
Algebra I, Algebra IA or Geometry A	1 Credit
Foreign Language	1 Credit
Electives	1 Credit
US & World Studies I	1 Credit
Physical Education I	.25 Credit
Computer Apps.	.50 Credit

Grade 10 – 5 ¾ Credit Minimum

English 10	1 Credit
Biology I	1 Credit
Geometry, Geometry A, Algebra II or Algebra IIA	1 Credit
Foreign Language	1 Credit
Health	.5 Credit
US & World Studies II	1 Credit
Physical Education II	.25 Credit
Electives	1 Credit

Grade 11 – 6 Credit Minimum

English 11	1 Credit
Algebra II, Algebra IIA, Precalculus, or Applied Mathematics	1 Credit
Environmental Biology	1 Credit
Chemistry, Biology II, or Physics	1 Credit
Foreign Language	1 Credit
Electives	2 Credit

Grade 12 – 6 Credit Minimum

English 12, AP English	1 Credit
AP Biology, Physics, Chemistry, AP Chemistry	1 Credit
Am. Government	.5 Credit
or AP Am. Government	1 Credit
Sociology, Psychology, Personal Financial Literacy or POD	.5 Credit
Precalculus, Applied Mathematics, Trig./Stats. or AP Calculus	1 Credit
Foreign Language	1 Credit
Electives	1 Credit

Post-Secondary Enrollment Options Program

This program provides the opportunity for eligible 9th through 12th grade students to enroll in post-secondary courses and to earn college credit while still in high school. Option A allows students to take classes for college credit only at their own expense. Under Option B, students enroll in college classes for both high school and college credit. They will not be required to pay for the cost of tuition, textbooks, materials or fees associated with such courses.

Interested students and their parents are required to meet with their school counselor to review guidelines and to complete and sign a Post-Secondary Options checklist. Following the informational meeting, students who wish to participate in the program are required to complete an intent form (available in the counselor's office). This form requires signatures of the student, a parent, school counselor, and the high school principal and must be completed and returned to the counselor's office no later than March 1st of the school year preceding the year in which the student plans to participate in the program. **(Students must have a qualifying GPA and ACT score that meets the requirements for the individual institution they wish to attend.)**

Grades for courses taken under Option A are not included on the high school transcript nor do they affect GPA. Those taken under Option B (for high school as well as college credit) will be included in calculations of GPA and class rank and may affect eligibility for graduation.

A student participating in a course through Post-Secondary Enrollment Option is expected to be in classes at the high school when their high school classes are offered. If no conflict occurs in scheduling, a student may be released during the school day to participate in this opportunity.

Vocational Course Curriculum

The following curriculum is designed for those students considering completing their high school careers at Maplewood Career Center

<u>Grade 9</u>		<u>Grade 10</u>	
English 9	1 Credit	English 10	1 Credit
Algebra I	1 Credit	Geometry	1 Credit
Physical Science or Integrated Science	1 Credit	Gen. Bio. Or Biology I	1 Credit
US & World Studies I	1 Credit	US & World Studies II	1 Credit
Physical Education I	.25 Credit	Health	.5 Credit
Comp. Applications I	.5 Credit	Physical Education II	.25 Credit
Electives	1.5 Credits	Electives	1 Credit

Maplewood Career Center Admissions

Two-Year Program - beginning in Grade 11

Each student shall have earned credits in the following subjects:

English	2 Credits
Health & Physical Education	1 Credit
Mathematics	2 Credits
Science	2 Credits
Social Studies	2 Credits

<u>Junior Year</u>		<u>Senior Year</u>	
Lab	3 Credits	Lab	3 Credits
English	1 Credit	English	1 Credit

A third credit of Math, Science and Social Studies will be taken during the Junior and Senior years.

Maplewood General Information

Purpose

Maplewood Career Center was established to provide a broad range of vocational educational and technical preparation programs for students who want to prepare for career employment immediately after high school.

Admissions Requirements

Any student who is 16 years old or older by October 1st of the school year, has attended two years of high school, and has earned at least 7 credits, is usually eligible for admission to Maplewood. Students will be accepted conditionally with 6 credits if the 7th credit is completed prior to the beginning of the following school year.

Application Procedures

Eligible students should contact their home school guidance counselor to apply.

Expenses

There is no tuition charge for high school students from a participating school district. Students may be required to purchase tool kits or other special items needed for certain courses.

Academic Electives

Maplewood offers most students the opportunity to enroll in one additional academic class during each year at Maplewood. Students planning to attend college after graduation or students who are short credits for graduation may elect to schedule an additional class. Maplewood's goal is to prepare students both academically as well as vocationally for employment after graduation.

Transportation

Students will be transported by bus from their home to Maplewood each day. A limited number of work experience programs require students to furnish their own means of transportation.

Student Activities

Students are encouraged to remain involved in the sports and extra-curricular activities of their home school. In addition, Maplewood students have their own vocationally oriented clubs.

Graduation

Students remain members of Garfield, and graduate from their home school. In addition to their high school diploma, students receive a vocational certificate awarded by Maplewood. Full-time employment, potential self-employment, apprenticeship, technical school, and college are some of the opportunities open to the vocational school graduate.

JAMES A. GARFIELD HIGH SCHOOL

The Registration Process

During the scheduling process, students are only requesting classes. No student is guaranteed that any course requested will be available. Students may have to make alternative selections at some time during the scheduling process. Some students may be assigned to specific classes for academic reasons, because of scheduling conflicts, or because classes may be offered in alternate school years. Classes may also be added to incomplete schedules. While the intent of the registration process is to give the widest possible range of choices to the student, the practical matter of building a schedule for the high school staff and students may require necessary changes in individual student schedules. Requests for a specific teacher will not be considered before, during, or after the registration is completed.

Schedule Changes

Schedule changes, adds and drops, will be handled by the guidance counselor and should be made prior to the beginning of each semester.

Procedure:

1. Schedule changes may only be considered during the 1st Week of each semester.
2. Students must turn in a completed add/drop form to their counselor.
3. An appointment must be made with a counselor to arrange an alternative schedule.
4. After the 1st week of school, no classes may be added and the credit requirement must be maintained. Students dropping a course after the 1st week of the semester will receive an "F" on their transcript unless the drop is with the teacher's recommendation. In that case, the grade is "W" and does not affect the GPA.

Grade Point Average and Class Rank

Class rank is based on all courses studied in grades 9-12 where letter grades are issued. **Final rank** is computed at the completion of **eight** semesters. GPA is determined by the amount of credit and on the four point system with letter grades equal to points as follows:

A = 4	D = 1
B = 3	F = 0
C = 2	

The GPA is calculated at the end of each semester.

Valedictorian and **Salutatorian** honors are based on grades earned at the end of the **seventh** semester of a student's high school career.

ELIGIBILITY

Athletes must be passing 5 classes not including Physical Education the preceding 9 weeks and not fail more than 1 class to be eligible to participate in athletics. For eligibility purposes, ½ credit courses count as 1 credit.

***Summer School will not qualify for the last 9 weeks grades.**

Crafts I 1 semester grades 10 – 12 \$35.00 fee .5 credit
0040

Crafts are often thought of as useful objects that an artist made beautiful. The art you will create in this class is intended to be used and enjoyed, rather than hung on a wall. Participants will explore a variety of media related to crafts. Depending on the class size and its interest, examples may include reed basket making, coiled basket making, fabric painting, pulled rug-design and ceramics. **Prerequisite: students must have successfully completed Art I.**

Crafts II 1 semester grades 10 – 12 \$35.00 fee .5 credit
0041

Participants will further explore the art of craft making. Examples may include stained glass, jewelry making, decoupage, wood carving and collage. **Students must have successfully completed Art I, but need not have taken Crafts I to enroll in this class.**

Yearbook Journalism 1 year grades 10 - 12 1 credit
0030

The purpose of this course is to produce a written and visual record of Garfield High School. All publication work is created using desk top publishing software. Topics covered include page design, picture cropping, copy writing, proofreading, ad sales, interpersonal communications, photography basics, and deadline management. Admission to class is by application process only.

Art History 1 year grades 11 - 12 \$15.00 fee 1 credit
0035

The course Art History develops understanding, enjoyment, and familiarity with the arts. This is a broad sampling of approaches to the arts. The approaches studied will be Functionalism, formal analysis, Semantics, historical, art in society, great artists, and 20th Century.

Business Department

Accounting 1 semester grades 11 - 12 .5 credit
0465

Students will learn the entire accounting cycle. The accounting cycle includes learning about sales tax, debts, depreciation, partnerships, corporations, data processing, payroll systems, automated accounting systems, and doing practice sets.

Computers

Computer Applications I 1 semester grades 9 - 12 \$5.00 fee .5 credit
0105

Computer Applications I is a one-semester course exploring the uses of computers in the world today. By the end of this course, students should feel comfortable using the computer as a productivity tool. The course covers computer terminology, concepts, applications, as well as basic keyboarding skills. The applications used in this class will be Microsoft Office (Word, PowerPoint, Excel, Access, and Publisher). A flash drive for each student is recommended but not required.

Computer Applications II 1 semester grades 10 - 12 \$5.00 fee .5 credit
0107

Computer Applications II is a one-semester course offered to students grades 10 – 12. It builds off the basic computer skills learned in Computer Applications I. This course will include more advanced features using Microsoft Office as well as other computer applications such as Adobe PhotoShop, Macromedia Flash, and Macromedia FreeHand. A flash drive for each student is recommended but not required. **Prerequisite is successful completion of Computer Applications I.**

Introduction to Web Design

0111 1 semester grades 10 - 12 \$5.00 fee .5 credit

Web Design is an introduction to the design, creation, and maintenance of web pages and websites. Students learn how to critically evaluate website quality, learn how to create and maintain quality web pages, and learn about web design standards and why they're important. The course progresses through introductory work on web sites using Microsoft Word and concludes with the students having a general knowledge of Macromedia Dreamweaver. A flash drive for each student is recommended but not required.

Advanced Web Design 1 semester grades 10 - 12 \$5.00 fee .5 credit
0112

Advanced Web Design takes what students learned in Web Design and expands on it. In addition to going more in depth on Macromedia Dreamweaver, students will learn the basic skills needed to use Macromedia Flash and Fireworks. Using these three programs, students will be able to create professional looking web sites for business or personal use. **Prerequisite – successful completion of Web Design.**

English Department

English 9 1 year grade 9 1 credit
0305

This course provides tools for communication acquired through inquiry and research. The students will use technology, library skills, and study skills to develop their critical thinking, speaking, and writing ability. They will learn strategies that enhance their independent reading and writing. Students will discover different genres, and how to write to accomplish different objectives.

English 10 1 year grade 10 1 credit
0320

This course provides students an opportunity to develop their writing skills as they study a variety of genres of literature including short stories, poetry, drama, and Holocaust literature. In all areas of study, attention will be given to those skills that students will need to pass the Ohio Graduation Test. Sophomores will also engage in the “source citation” step of the research process. **A prerequisite is successful completion of English 9.**

English 11 1 year grade 11 1 credit
0335

Students will study the characteristics of American Literature and composition. They will gain knowledge of, and be required to demonstrate, several different methods of writing including essays, short stories, poetry and other forms of composition. A formal research paper and at least one oral presentation will be required. **A prerequisite is successful completion of English 10.**

English 12 1 year grade 12 1 credit
0345

This course is designed to enable the student to succeed in English coursework at the college level. Emphasis is placed on composition, British literature, Greek literature, as well as British short stories and poetry. The students are also responsible for completing an MLA style research paper and fulfilling the State of Ohio mandated Career Passport. In addition to the reading and writing, speech will also be a requirement in this class. **A prerequisite is successful completion of English 11.**

Shakespeare/Contemporary Lit. grades 11-12

This course examines Shakespeare's principle plays read for their social interest and their literary excellence. Students will read at least one play in its entirety; other major works may be synopsized. Time will also be devoted to the study of Shakespeare's Sonnet Cycle. The Contemporary Literature element will expose students to a variety of contemporary novels, short stories, and drama that reflect the concerns, philosophies, and styles of today's major authors. Selections in this section may or may not have been inspired by Shakespearian pieces.

Mythology/Poetry grades 11-12

Mythology is a survey course examining world legends, myths, traditions, and folklore. Although a heavy emphasis is placed on classical Greek and Norse mythologies many others, such as Egyptian, North American Indian, and Celtic are explored. Poetry will focus on classic as well as modern poets. Students will learn elements of poetry, analyze a wide variety of poetic texts, write explications, and practice poetic forms.

Adolescent Literature/ Public Speaking grades 11-12

This section will explore literature written for and about young adults today. The course will primarily focus on books, but short stories and other literary pieces will be incorporated into the class. The books are considered contemporary or problem novels in that they are new and deal with some type of adolescent problem such as alienation. Through the examination of the characters within these books, students will see images of themselves and their peers all the while developing an appreciation for literature.

Possible novels to be used:

Robert Cormier- *The Chocolate War*

Lois Lowry- *The Giver*

William Golding- *Lord of the Flies*

Alex Flinn- *Breathing Underwater*

The public speaking section will enhance the student's ability to prepare and deliver effective oral presentations. This speech course emphasizes creation of ideas, research techniques, outlining, audience analysis, organization, and delivery techniques. Students will deliver speeches to demonstrate, entertain, inform, and persuade audiences.

Gothic Literature/ Film as Literature

grades 11-12

This course will examine American gothic literature focusing on the ways the gothic literature illuminates and challenges different boundaries and principles. Novels and short stories from the eighteenth century to the present will be used to explore common themes such as terror, darkness, sublimity, and confusion.

Possible novels to be used:

Mary Shelly- *Frankenstein*

Anne Rice- *Interview with a Vampire*

Film as Literature will be an extensive investigation into the film genre. Students will treat classic and contemporary films as literature because films are narratives containing the basic elements of literature (plot, setting, style, point of view, etc.). Therefore, students will examine and discuss the films in the same manner in which we talk about literature. The class will also consider the relationship between the films and the literary works they are often based upon.

Advanced Placement English
0350

1 year

grade 12

1 credit

This course is designed for academically talented seniors. The curriculum of AP English is enriched and the course also prepares the student for the Advanced Placement English test administered each spring. Emphasis is placed on intensive reading, essay writing, and the interpretation of literature. Students will take the Advanced Placement exam. The cost of the exam is approximately \$85.00. Students should register for this course only if they have an A average in English or a recommendation from the English 11 teacher. **Prerequisite:**

In order to be considered for AP English: each student must complete a portfolio in order to demonstrate aptitude, proficiency, and preparedness for the rigor of Advanced Placement English. Portfolios completed on time will be evaluated by a committee from the English Department. Students who successfully complete the prerequisite will be enrolled in AP English. Those students who request AP English but do not meet the prerequisite on time will be enrolled in English 12.

Portfolios will contain the following:

Research Papers:

Each student will complete two short research papers, the body of which will be 2-3 pages in length and follow MLA format. The research topics have been selected specifically to provide students with relevant background information about some of the novels to be covered in the AP class. A Works Cited page should be included.

Paper Topic 1: 1920's America

Paper Topic 2: Gender Roles in the 19th Century

Reader's Log:

Each AP applicant will receive a pair of novel titles to be read and analyzed. Titles will be assigned randomly and requests will not be considered. The titles are as follows:

A Separate Peace/The Invisible Man
The Jungle/Song of Solomon
The Grapes of Wrath/Snow Falling on Cedars
The Joy Luck Club/Wonder Boys
Catch 22/The Cider House Rules

For each novel, students will keep a reading log. This log will include a running list of vocabulary words compiled by the student. While reading, students will inventory unfamiliar terms they encounter. Along with the word, students will list the definition, the context in which the word appears in the text and create their own original sentence using the word correctly.

An additional requirement for the reader's log will require students to analyze, reflect, and expound on the novel using standard writing prompts. Students will stop four times while reading the novel and write their responses to what they have read. A list of general writing prompts will be provided and each response must be no less than one page, hand written.

Due Dates:

Students will be given 5 weeks to complete one novel and one research paper. They must complete the research paper, the reading of one novel, and the reader's log for that novel in each 5 week period. The first half of the prerequisite will be assigned February 2nd, and ALL work must be turned in by March 6th. The second part of the prerequisite will be due April 4th in which the remainder of your work must be received.

Advanced Writing 1 semester grade 11 - 12 .5 credit
0360

Advanced writing is a course designed to bridge the distance between senior English and freshmen college writing. The class focuses on writing about literature. Consequently, considerable writing and reading is required. Although the majority of the class focuses on analytical formal essays, there is some time devoted to creative writing. Students will write on several genres of literature including short stories, poetry and drama. The class is intended for seniors.

The Literature of Lyrics in Popular Music

0362 1 semester grades 11 - 12 .5 credit

This is not a music appreciation class. It examines and explores the Literature found in popular music. The goal of this class is to make connections between classical literary devices and popular song lyrics. Students will study song lyrics from a variety of genres including Rock and Roll, Country, Folk, Rap, and others. Students will study these as literature, uncovering literary elements such as poetic devices of sound and sense, theme, tone, mood, speaker, etc. The students will write literary analyses of lyrics in order to better understand the complexities of popular music.

Mass Media Survey I & II

0365/0366

1 semester grades 11-12

Media I includes a study of various mass media, including newspapers, film, and music. During the semester the class will work as a newspaper staff: writing, reporting, and creating the school's online newspaper. This course also includes production of a video news program. The course is available only to juniors and seniors, and can only be taken once. Media II will run simultaneously with Media I. Media II students will be responsible for overseeing Media I projects including editing, formatting, and designing the school newspaper, as well as writing for, producing, and editing video programs. Prerequisite: Students must successfully complete Media I and receive teacher approval. **Prerequisite - successful completion of Web Design.**

Crossroads

1 semester grades 12

.5 credit

0367

This course will attempt to break down barriers and build understanding within and among students. In this discussion based class, students will learn about themselves, each other, and begin to understand the significance of intolerance in our world. Students will also explore their roles as victims, perpetrators, and bystanders in issues of intolerance and learn ways to deal with these issues in and out of school.

Creative Writing

1 semester grades 11-12

0361

This course engages students in a wide variety of exercises to enhance students' abilities in expressing themselves creatively through writing. Students will assess and reflect upon the writing process, and read various examples of creative writing. Students will read and write in a vast number of realms such as persuasion, reflection, synthesis and interpretation. Students will also learn techniques for evaluating writing and will use these techniques to provide positive assessments for fellow class members.

Family and Consumer Science

Home Economics I (Personal Development/Resource Management)

0605

1 year grades 9 - 12 \$15.00 fee

1 credit

This course consists of a study of the six areas of Home Economics: (1) home management, family economics, and consumer buying; (2) personal, family, and community relations; (3) child care and development; (4) foods, nutrition, and health; (5) clothing, textiles, and related art; (6) housing, home furnishings, and equipment. Additional expenses for sewing projects will be needed.

Gourmet Foods I, II

1 semester grades 11 - 12 \$25.00 fee

.5 credit

0615 0616

(per semester)

This course includes the study of: (1) basic food preparation techniques; (2) foods for special situations; (3) cultural, social, and aesthetic values of food; (4) food for today's lifestyles; (5) equipment selection, use, and care; (6) nutrition for students. It is recommended to take Gourmet Foods I before Gourmet Foods II.

Gourmet Foods III 1 semester grades 11 - 12 \$25.00 fee .5 credit
0617

This course stresses the study of food cultures from other countries with an emphasis on demonstrations from guest speakers and individual research. It is recommended to take Gourmet Foods I and II before Gourmet Foods III.

Foods for Fitness (Nutrition and Wellness)

0620 1 semester grades 10 - 12 \$20.00 fee .5 credit

Foods for Fitness is a semester course designed for 10th through 12th grade students with a basic foods background and those who have a limited foods background. The course includes the study of: (1) nutrition and fitness; (2) preparation of meals; (3) purchasing / planning of foods; (4) exercise-modification.

Child Development (Parenting)

0700 1 semester grades 10 - 12 .5 credit

This course involves the study of parenting skills, genetics and birth defects, prenatal development, and contemporary roles for men and women along with problem situations for children.

Foreign Language Department

French I 1 year grades 9 - 12 1 credit
0405

Level I incorporates skills in listening, speaking, reading, and writing. Students are introduced to spoken French and will learn the language patterns and phonetics which are fundamental in using the language. Classroom experiences include music, art, role-playing, foods, and authentic French publications. Technology and extracurricular activities provide opportunities to enhance mastery of the basic skills necessary at the introductory level.

French II 1 year grades 10 - 12 1 credit
0410

Level II students will continue to develop and strengthen their skills in listening, speaking, reading, and writing. Emphasis will be on increasing proficiency in using the French language through further study of vocabulary and grammar. Classroom experiences are similar to French I with more in-depth exploration of culture, geography, history, and the arts. Purchase of a French/English dictionary is recommended. Students should attend class before purchasing a dictionary. **Prerequisite is French I.**

French III 1 year grades 11 - 12 1 credit
0415

Level III continues to incorporate all four skills: listening, speaking, reading, and writing. Students will exchange and explore information through speaking and writing in French. Authentic French texts will be used to supplement student textbook. The study of current events and further study of real and simulated events, as well as culture, literature, the arts, and history of France will constitute the curriculum. French/English dictionary is required. Students may be asked to purchase inexpensive supplementary books or materials. **Prerequisite is C or better in French II or permission of the instructor.**

French IV 1 year grade 12 1 credit
0420

Level IV provides the student opportunities to use the skills acquired in previous levels with additional study of more advanced grammar. Higher level discussion and written analysis of various aspects of the Francophone world will be regular classroom activities. The student will read a novel or equivalent major work of French literature and will discuss his or her perspectives on the significance of the author's work to society. Similar study of the contributions of French filmmakers and theatre will add to the student's preparedness for college level French studies. French/English dictionary is required. Students may be asked to purchase inexpensive supplementary books or materials.

Prerequisite is C or better in French III or permission of the instructor.

Spanish I 1 year grades 9 - 12 \$14.00 fee 1 credit
0425

Students develop skills in communicating in Spanish through listening, grammar and vocabulary usage, speaking, reading, and writing Spanish. The course also includes an introduction to the study of Spanish-American cultures (food, art, music, and social customs). This course is recommended for college preparatory curriculum. Purchase of workbook is required. **Prerequisite is a final grade average of C or better in Language Arts the previous year or permission from the instructor and pass the reading and writing areas of the 8th grade achievement test.**

Spanish II 1 year grades 10 - 12 \$14.00 fee 1 credit
0430

Level II students continue to develop skills in communicating in Spanish through listening, grammar and vocabulary usage. The study of Spanish/American Culture which includes food, art, holidays, geography, history and customs will continue. Purchase of workbook is required. **Prerequisite is Spanish I.**

Spanish III 1 year grades 11 - 12 \$14.00 fee 1 credit
0435

Level III continues to incorporate speaking, reading and writing in Spanish. Students learn a more advanced vocabulary and idioms through selected reading materials from Spanish-American literature. A Spanish novel is read each semester. These selected materials offer insights into the life, thought, and civilization of Spanish-speaking people, and are enriched by cultural mini-lessons in Spanish (art, cuisine, currency, music, sports, etc.). This course is strongly recommended for college preparatory curriculum. Purchase of workbook is required. **Prerequisite is Spanish II.**

Spanish IV 1 year grade 12 \$16.00 fee 1 credit
0440

Level IV continues to incorporate speaking, reading, and writing in Spanish. Students learn a more advanced vocabulary and idioms through selected reading materials from Spanish literature. Authentic literary works will be read, discussed, translated and critiqued. Spanish customs and culture will be stressed. This course is recommended for college preparatory curriculum. **Prerequisite is Spanish III.**

Mathematics Department

Algebra I 1 year grade 9 1 credit
0765

This course involves the study of linear and quadratic expressions, equations, and functions. Students will use symbolic and graphic methods of representing data and solutions for problem situations involving functions. A scientific calculator is mandatory. A graphing calculator (TI 84+, TI 84+SE, or TI-Nspire) is highly recommended.

Algebra IA 1 year grade 9 1 credit
0766

Accelerated Algebra – This course involves the study of linear and quadratic expressions, equations, and functions. Students will use symbolic and graphic methods of representing data and solutions for problem situations involving functions. A scientific calculator is mandatory. A graphing calculator (TI 84+, TI 84+SE, or TI-Nspire) is highly recommended. **The Prerequisite is a minimum of B average in eighth grade math and recommendation of the teacher.**

Geometry 1 year grades 9 - 10 1 credit
0780

This course involves the study of angles, lines, and polygons. Students will use a variety of proof techniques to develop an understanding of an axiomatic system. Both inductive and deductive reasoning will be explored. A scientific calculator is mandatory. A graphing calculator (TI 84+, TI 84+SE, or TI-Nspire) is highly recommended. **The prerequisite is Algebra I.**

Geometry A 1 year grades 9 - 10 1 credit
0781

Accelerated Geometry – This course involves the study of angles, lines, and polygons. Students will use a variety of proof techniques to develop an understanding of an axiomatic system. Both inductive and deductive reasoning will be explored. A scientific calculator is mandatory. A graphing calculator (TI 84+, TI 84+SE, or TI-Nspire) is highly recommended. **The prerequisites are eighth grade Algebra I with a minimum of a B average and recommendation of the teacher or a minimum of a B average in Algebra IA.**

Algebra II 1 year grades 10 - 11 1 credit
0790

This course offers a continuation of Algebra with a focus on the ADP (American Diploma Project) Algebra II Exam Core Content: operations on numbers and expressions, equations and inequalities, polynomial and rational functions, exponential functions, function operations and inverses. A graphing calculator is mandatory (TI 84+, TI 84+SE, or TI-Nspire recommended).

The prerequisite is Geometry.

Algebra IIA 1 year grades 10 – 11 1 credit
0792

Accelerated Algebra II - This course offers a continuation of Algebra IA with a focus on preparing students for Precalculus. Students will study both the Core and Optional Module Content of the ADP (American Diploma Project) Algebra II Exam. A graphing calculator is mandatory (TI 84+, TI 84+SE, or TI-Nspire recommended).
The prerequisite is Geometry A with a minimum of a B average.

Precalculus 1 year grades 11 - 12 1 credit
0795

This course involves the in depth study of polynomial, rational, radical, exponential, logarithmic, and trigonometric functions. Students will also study analytical geometry, polar and parametric equations, vectors, proofs, and limits. A graphing calculator is mandatory (TI 84+, TI 84+SE, or TI-Nspire recommended). **The prerequisite is Algebra II with a minimum of a B average and teacher recommendation or a minimum of a B average in Algebra IIA.**

Advanced Placement Calculus
0797 1 year grade 12 1 credit

This course follows the syllabus for the Advanced Placement Calculus Exam (AB). Students will study limits, derivatives, and integrals in depth. A graphing calculator is mandatory (TI 84+, TI 84+SE, or TI-Nspire recommended). Students must take the AP Exam. The cost of the exam is approximately \$85.00. **The prerequisite is Precalculus with a minimum of a B average.**

Trigonometry 1 semester grades 10 – 12 .5 credit
0767

This course provides an in-depth study of trigonometry and analytical geometry. Students will study trigonometric functions and concepts to a greater extent than typically addressed in the core math courses. Trigonometry topics include: right-angle trigonometry, the unit circle, inverse trigonometric functions, graphical analysis, trigonometric identities, sinusoids, vectors, parametric equations and polar equations. This course will prove beneficial to students considering a career in engineering, industrial trades, business, or communication. Moreover, the ACT assesses many of the topics covered in this course. Therefore, this course will improve the likelihood of a student's success on the math portion of the ACT. A graphing calculator is mandatory (TI 84+, TI 84+SE, or TI-Nspire recommended). **The prerequisite is a minimum of a B average in Geometry.**

Statistics 1 semester grades 10 – 12 .5 credit
0768

This course involves the study of statistical analysis. Students will study a variety of statistical topics including data classification, sampling, measures of center and spread, graphical displays, summary statistics, normal and binomial distributions, statistical inference and inference testing. In addition, students will complete a project that incorporates the concepts covered in order to demonstrate the effectiveness of the application of statistics in daily life. Effective communication will be at the core of the presentation of the final project; hence, this course will assist students in strengthening their communication skills. Extensive use of Microsoft Excel, PowerPoint, Word and a

graphing calculator may be applicable throughout the course. A graphing calculator is mandatory (TI 84+, TI 84+SE, or TI-Nspire recommended). **The prerequisite is a minimum of a B average in Geometry.**

Applied Mathematics 1 year grades 11 - 12 1 credit
0793

This course consists of the practical application of advanced mathematical concepts including power, exponential, logistic, logarithmic, trigonometric functions and statistics. Students will design and complete a series of projects that involve applying advanced mathematics to evaluate data, develop functional and graphical models, synthesize conclusions, and predict results. Extensive use of Microsoft Excel, PowerPoint, Word and a graphing calculator may be applicable throughout the course. A graphing calculator is mandatory (TI 84+, TI 84+SE, or TI-Nspire recommended). **The prerequisite is a minimum of a C average in Algebra II.**

Music Department

Instrumental Music 1 year grades 9 - 12 \$15.00 fee 1 credit
0805

The high school band performs during the fall as the “Marching Pride”. Mandatory practices prepare for the season’s performances to include band shows, parades, and football games. During the winter and spring months, students perform in a concert band showcasing their musicianship at concerts and contests. Further performance opportunities are available to our band members, such as solo and ensemble contest, and jazz and pep bands. Because our students take great pride in fine performances, attendance is a must. Please see the directors if you have any questions.

Chorus 1 year grades 9 - 12 1 credit
0810

This course consists of practice and performance of choral music for class, school, and civic functions. Vocal development and performance skills are stressed. Attendance at some evening programs is required.

Science Department

Physical Science 1 year grade 9 1 credit
0855

Physical Science is required for all incoming students not selected for Physical Science A, an accelerated course. It will introduce students to basic Chemistry and Physics concepts while preparing them for the Physical Science portion of the OGT.

Physical Science A 1 year grade 9 1 credit
0857

Physical Science A introduces students to basic Chemistry and Physics concepts while preparing them for the Physical Science portion of the OGT. It is a college preparatory class. Physical Science A will include some Chemistry and Physics concepts not required in Physical Science. A scientific calculator is mandatory. **Students must have completed Algebra in the 8th grade or must be in Algebra IA concurrently with Physical Science A.**

Biology I 1 year grades 10 - 11 1 credit
0860

This course covers all biological fields including cell functions, animal functions, plant functions, genetics, and evolution. This class is recommended for college preparatory curriculum. Students cannot take both Biology I and General Biology I. Both of these courses cover the Life Science objectives required by the Ohio Department of Education. **Biology I is required for Biology II and AP Biology.**

Environmental Biology 1 year grades 11 – 12 \$10.00 fee 1 credit
0874

This is an elective course for students that are looking for a third science credit. The primary focus is on how life is sustained in different ecosystems. This course will examine a wide range of objectives covering: tropical biology, water ecology, biodiversity, pollution, ecology, biomes, energy, and conservation. Most assessment will be based on projects, research, and labs. **Prerequisite: General Biology or Biology I.**

Chemistry 1 year grades 10 - 12 \$26.00 fee 1 credit
0870

This course is recommended for the students in the college preparatory curriculum. Emphasis is placed on atomic structure, chemical reactions, calculations involving reactants & products, gases, nuclear chemistry, solutions, acids & bases, and thermodynamics. Fee includes price of goggles. A scientific calculator is required. **Prerequisites include a B or better in Algebra I.**

Advanced Placement Chemistry
0882 1 year grade 12 \$20.00 fee 1 credit

AP Chemistry is designed for the student in the college preparatory curriculum. Chemistry I concepts will be reviewed, but emphasis will be on advanced chemistry concepts including quantum theory, oxidation-reduction, and chemical analysis. Students must take the “AP” exam which costs approximately \$85.00. Successful completion of the AP exam may provide the student with college credit. The course fee includes a carbonless lab notebook. A scientific calculator is required. **Prerequisites include completion of Chemistry I with a grade not lower than B and completion of Algebra I and II with at least a B average or permission of instructor.**

Biology II 1 year grades 11 - 12 \$25.00 fee 1 credit
0875

This course is designed to emphasize anatomy and physiology. In the first nine weeks, we will mainly focus on insects. This nine week period will also include a mandatory insect collection. The following grading periods will focus on human physiology and comparative cat anatomy. The cat dissection is also mandatory. **Prerequisites include Biology I.**

Physics 1 year grade 11 - 12 \$10.00 fee 1 credit
0880

This course is recommended for students in the college preparatory curriculum. Emphasis is placed on motion, heat, electricity, energy, sound, light, and atomic structure. The course fee includes a carbonless lab notebook. A graphing calculator is required (TI 83+, TI 83+SE, TI 84, TI 84+SE). **Prerequisites include completing Algebra I & Algebra II with a grade of B or better and current enrollment in Pre-calculus or Calculus.**

Advanced Placement Biology

0885 1 year grade 12 \$25.00 fee 1 credit

This course is designed for the student in the college preparatory curriculum. Advanced biological studies will be emphasized. Students must take the “AP” Test, which will cost approximately \$85.00. Successful completion of the “AP” Test may provide the student with college credit. **Prerequisites include Chemistry and Biology I, (Biology II recommended).**

Earth Science 1 year grades 11 - 12 1 credit
0886

This course is an in-depth study of earth science that includes lab activities. Topics including meteorology, weather, oceanography, geology, astronomy, and energy resources. This course is recommended for the general curriculum. **Prerequisites include Physical Science and General Biology or Biology I.**

Social Studies Department

U. S. and World Studies I

0500 1 year grade 9 1 credit

U.S. and World Studies I is the first of two core courses designed expressly to prepare students for successful completion of the Ohio Graduation Test. Students will explore historical events from a global perspective beginning with the period of the Enlightenment to present issues including the economic, social, governmental, and cultural impact of people, places and events.

U. S. and World Studies II

0505 1 Year grade 10 1 credit

U.S. and World Studies II is the second core Social Studies Course. It is specifically designed to conclude Ohio Graduation Test preparation. All topics will be exclusively from the period of the post World War I era to the present. Students will examine the impact of people, places and events primarily but not exclusively from the American perspective.

Psychology 1 semester grades 11 - 12 .5 credit
0520

This is a junior/senior social studies elective to help toward graduation requirements. The course involves the study of the mental processes and functions of the brain. Students will explore topics like perception, intelligence, learning, personality and mental disorders. The aim of the class is to prepare upper classmen for a 100 level college psychology class.

Advanced Placement American Government

0528 1 year grade 12 1 credit

This course follows the syllabus for the Advanced Placement American Government and Politics Exam. Students will study the constitutional foundations of the United States, the branches of government, the bureaucracy, and the development of public policy, civil liberties and civil rights, political theory, development of political parties and public policy. Students who take this class are required to take the AP Exam. The cost of the exam is approximately \$85.00. The prerequisite is a B or better in U.S. and World Studies II.

American Government 1 semester grade 12 .5 credit
0525

This course is designed to present clear, objective information on the functions, structure, and problems of all levels of government in the United States.

Problems of Democracy 1 semester grade 12 .5 credit
0530

This is a semester course, which may be used as one of the options required to complete a student's senior social studies requirement. It is organized as a series of seminars dealing with issues such as crime, immigration, civil rights, environmental issues, welfare and other topics confronting late 20th and 21st centuries American Society.

Personal Financial Literacy 1 semester grade 12 .5 credit
0535

This course is designed to cover Economics on a personal, national, and international level. Students will learn the basics of personal finance by means of bank statements, budgets, credit, credit cards, interest rates, mortgages, taxes, and investments. Students will also identify factors that cause changes in national economic growth including the effects of supply and demand. Finally, students will understand how nations interact economically in a world market by focusing on trade organizations and trade agreements.

Sociology 1 semester grades 11 - 12 .5 credit
0550

This is a junior/senior social studies elective to help toward graduation requirements. The course involves the study of society and the interaction of people. Students will explore topics like culture, diversity, socialization, deviance, and racism. The aim of the class is to prepare upper classmen for a 100 level college sociology class.