

REVERE HIGH SCHOOL
COURSE SELECTION GUIDE

2017-2018

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The faculty and staff of Revere High School, a School of Excellence, are dedicated to providing a variety of intellectual, physical and social opportunities for our students. We aim to create an environment that fosters academic achievement and personal growth.

INTRODUCTION

The Course Selection Guide is a publication designed to inform students and parents about the various programs and courses, which are available at Revere High School. In planning a high school program, a student must make sure it has sequence and purpose. There should be a definite continuity in the subjects he/she selects.

The objective of the staff at Revere High School is to provide the best education for individual students. Each student, with his/her counselor and parents, should plan a four-year high school program. The course of study should be selected only after careful appraisal of the student's interests and abilities.

At the end of each school year the student's educational plan should be reevaluated and revised if necessary.

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The Revere Local School District Board of Education is an equal opportunity employer and does not discriminate on the basis of sex, race, religion, age, disability, or national origin in employment, and in the educational programs and activities that it operates.

COURSE SELECTION

GENERAL INFORMATION

To assist students and parents in course selections, each academic teacher recommends courses for the following school year. Courses that are open to more than one grade level will be offered on the following basis: seniors first, then juniors, sophomores, and freshmen. Students choose courses appearing on their respective course selection sheets by checking the appropriate selections in ink.

COURSE RECOMMENDED/NOT RECOMMENDED

Students will be seeking recommendations for selected courses from their present teachers or from the last teacher who taught the student this subject. For example, if a prospective senior has not taken math since the sophomore year and now wishes to take additional math, he or she must seek a recommendation from that sophomore math teacher (or the department head in the case where the teacher is no longer at Revere High School).

TRIMESTER SCHEDULE

Revere High School utilizes a “Trimester” form of scheduling. The school day consists of five (5) 73 minute instructional periods. Courses are twelve (12), twenty-four (24), or thirty-six (36) weeks in length. Revere High School credit is issued in 1/4 - 1/2 credit increments.

SCHEDULE CHANGE POLICY

Requests for schedule adjustments will only occur if the student has been academically misplaced or a technical error in the student's schedule has occurred. These extenuating circumstances will be reviewed by the administration for approval. Students who choose to drop a class may receive a drop failure with no credit. Students who wish to add a class must do so within the first eight school days of each trimester unless administration approval has been granted.

MINIMUM COURSE LOAD

All students must be enrolled in at least 4 classes per trimester. Freshmen and sophomores must take 5 classes unless permission has been obtained.

REVERE HIGH SCHOOL GRADUATION

REQUIREMENTS

At Revere High School, twenty-four (24) units of credit are required for graduation. These units must include specific course requirements as outlined below.

The State Board of Education determines the units of credit awarded a particular subject based upon the number of hours a class meets and the amount of outside preparation required. In addition to these credit requirements for graduation, students must earn qualifying scores on State End of Course Exams, a remediation free score on college readiness exams, or a qualifying score for a technical state licensing exam.

The twenty-four (24) units required for graduation must include the following:

Eng.	Social Studies	Math	Science	HPE	Computer Technology	Personal Finance	Electives	TOTAL	Testing Requirements
4	4	4	3	1	0.5	0.5	7	24	End of Course Exams

Note: All students must complete at least 2 trimesters of Fine Arts taken anytime in grades 7-12. Students participating in CVCC curriculum are exempted from the Fine Arts requirement.

MINIMUM CORE PREPARATION: (“THE MINIMUM CORE”)

Students who are planning to attend any one of Ohio’s public four-year universities should elect the following curriculum to gain admission without conditions:

4 units of English

4 units of Math (Math units must include 1 unit of Algebra II or the equivalent of Algebra II)

3 units of Social Studies

3 units of Lab Science (Biology, Chemistry, and Physics are highly recommended)

2 units of the same Foreign Language

1 unit of a fine or performing art (Band, Choir, Art, Drama, Photography, Video Production, Digital Design)

NOTE: Students who are planning to participate in collegiate sports, should register with the NCAA at www.eligibilitycenter.org and prepare for the 16 core-course rule. Some private schools and schools out of state may have different requirements, and students are asked to work closely with their counselor if they are seeking entrance to this type of school. Removing conditions will depend on the individual college. For further information, check with the individual college and visit the Ohio Board of Regents website at www.regents.state.oh.us.

GRADES

GRADE POINT AVERAGE - ACADEMIC

The grade point average is determined each trimester from the final grades earned in all subjects. It is

accumulative from year to year so the final grade point average is determined by averaging the final grades earned in all subjects taken in grades nine through twelve.

GRADE POINT AVERAGES

The following grade scale will be used.

Percentage	Grade	Regular	Honors	AP*
93% - 100%	A	4.0	4.5	5.0
90% - 92.99%	A-	3.7	4.2	4.7
87% - 89.99%	B+	3.3	3.8	4.3
83% - 86.99%	B	3.0	3.5	4.0
80% - 82.99%	B-	2.7	3.2	3.7
77% - 79.99%	C+	2.3	2.8	3.3
73% - 76.99%	C	2.0	2.5	3.0
70% - 72.99	C-	1.7	1.7	1.7
67% - 69.99	D+	1.3	1.3	1.3
63% - 66.99	D	1.0	1.0	1.0
60% - 62.99	D-	0.7	0.7	0.7
0% - 59.99	F	0.0	0.0	0.0

***Weighted grades will only be given to students completing an entire AP course. Weighted grades will not be given for grades below a C.**

8th Grade students will receive high school credit for any high school course taken at the middle school when earning a C or better. The grade will not be calculated into a student's GPA. All Flex Credit Courses or courses taken in the summer between 8th and 9th grade will be calculated into a student's GPA.

Juniors and seniors are permitted to take a one elective course per year as a "credit/no credit" option. If a student earns less than a "C" in the elected course, the actual grade will be placed on the report card and calculated in the student's GPA.

CLASS RANK

The class will be recognized at Commencement as Summa Cum Laude (4.0+ GPA); Magna Cum Laude (3.75 – 3.99 GPA); or Cum Laude (3.50 – 3.74 GPA).

PASS-FAIL/AUDIT

The process of taking a class through the pass-fail method may be used only in circumstances where specialized educational needs exist for individual students. This process may be initiated by the student, parent, and/or teacher and must be processed through the Guidance Office prior to the principal's approval.

Generally, permission to audit will be granted only if the student wishes to repeat a course he/she has already passed (on a refresher basis) or if he/she does not meet the prerequisite. Also, audit students may not participate in a course where his/her presence raises the class size above recommended limits. Any student auditing a course will be expected to sign a contract outlining the conditions upon which that student may remain in the class. (Regular attendance to class is mandatory; no credit is given for an audit.)

HONOR/MERIT ROLL

The Honor/Merit Roll is published at the end of each trimester grading period. Students with an average of 3.5 or above qualify for the Honor Roll and students with a 3.0 to 3.499 average qualify for the Merit Roll.

TEST SCHEDULE

Practice ACT — Freshman – October

PSAT — Sophomore – October

PSAT — National Merit Qualifying Test – Junior – October

ACT - Juniors - March

State End of Course Exams - December or April/May

SAT — www.collegeboard.com

ACT — www.actstudent.org

PROGRAM OPTIONS

SCHOOL AND COMMUNITY SERVICE PROGRAM

This program is designed to provide interested and motivated students an opportunity to receive credit for volunteer service. Students who apply and are selected may earn credit by serving as a teacher assistant at Hillcrest Elementary School or Revere Middle School, by working with a community organization or by helping needy individuals in the community. Students may earn 1/4 credit for every thirty hours of service. A maximum of one credit for volunteer service may apply toward graduation. Seniors and juniors may also apply to work as teacher assistants, office assistants and library assistants at Revere High School: However, credit will be reserved for office and library assistants only. These positions are a privilege reserved for seniors and juniors. Applications are available in the volunteer office and guidance office.

PROGRAMS OF STUDY – CVCC ADMISSIONS

Programs of Study are listed for each department subject area and for each CVCC program (See Programs of Study Section). The programs of study are designed to provide a "roadmap" for the student. A student who wishes to qualify for CVCC admission should discuss this option with their counselor and consider the following factors which affect CVCC admission status:

1. Good academic standing (on track to graduate)
2. Good attendance
3. Attendance at the CVCC Parent and Student Information Night in December
4. Attendance at the CVCC field trip in January
5. Complete applications will be given priority status based on the date received and the above considerations

PROGRAM ACCELERATION

While the trimester schedule makes it possible for some students to accelerate their program in specified subject areas, this option will require principal approval.

DRIVER EDUCATION

Commercial driving schools teach driver education at Revere High School. Classroom instruction is taught after

school. One session is held each quarter and sometimes during the summer. Since this private program is not offered by Revere High School, students are charged a fee. Interested students should contact the guidance office for further details.

COLLEGE CREDIT PLUS ENROLLMENT OPTION

This program makes available to students in grades seven through twelve the option to earn credit toward high school graduation as well as college credit by attending any state-assisted college or university, any institution holding a certificate of authorization to award degrees issued by the Ohio Board of Regents, or taking CCP courses offered on the Revere Campus. College Credit Plus application and acceptance is required from the sponsoring university in order to enroll in CCP courses. The student could choose to receive college credit only rather than high school/college credit. In that case, he or she would have to pay all tuition, textbooks, materials, and fees. Students interested in participating in College Credit Plus options must meet with their school counselor, attend a mandatory meeting, and sign an agreement by April 1st of the preceding year of intended enrollment. Students must provide their counselor with a copy of their Post-Secondary schedule each semester, as well as the interims and final grades to be used for the extra-curricular eligibility.

STATE BOARD OF EDUCATION APPROVED CRITERIA: DIPLOMA WITH HONORS

To be awarded a Diploma with Honors, a student shall be required to meet at least seven of the eight criteria listed in the chart below for either the College Preparatory or the Career and Technical Education curriculum. A student shall not be required to meet more than the specified number of criterion. Any student who receives high school credit in accordance with provisions of paragraph (B) of rule 3301-44-06 of the Administrative Code (Post-Secondary Enrollment Options) shall receive credit for this course toward the requirements, provided the course is related to a subject area listed in this program. Further information regarding criteria for diplomas with honors can be found on the ODE website.

COMPARISON OF DIPLOMAS WITH HONORS CRITERIA

	<u>High School Academic Diploma with Honors</u> <i>Students need to fulfill 7 of the following 8 criteria</i>	<u>Career-Technical Diploma with Honors</u> <i>Students need to fulfill 7 of the following 8 criteria</i>
Subject	Criteria	Criteria
English	4 units	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	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	4 units, including Physics and Chemistry
Social Studies	4 units	4 units
Foreign Language	3 units, including at least 2 units in each language studied	Not counted toward requirements
Fine Arts	1 unit	Not counted toward requirements
Career-Technical	Not counted toward requirements and may not be used to meet requirements	Now counted in Electives
Electives	Not counted toward requirements	4 units of Career-Technical minimum. Program must lead to an industry recognized credential, apprenticeship or be part of an articulated Program of

		Study which can lead to post secondary credit.
Grade Point Average	3.5 on a 4.0 scale	3.5 on a 4.0 scale
ACT/SAT Score [excluding scores from the writing sections]*	27 ACT / 1210 SAT	27 ACT / 1210 SAT
Additional Assessment	None	Achieve the proficiency benchmark established for the appropriate Ohio Career-Technical Competency Assessment or the equivalent

*Writing sections of either standardized test should not be included in the calculation of this score.

Diploma with Honors requirements pre-suppose completion of all high school diploma requirements in Ohio Revised Code including: ½ unit physical education** | ½ unit health | ½ unit in American history | ½ unit in government

EXTRACURRICULAR ELIGIBILITY

Students are required to meet all eligibility requirements set forth by the Ohio High School Athletic Association and the Revere Local School Board in order to participate in extracurricular activities. Among these requirements are passing a minimum of 1.66 credits in the previous grading term, being enrolled in at least 1.66 credits in the current grading term, and having earned a minimum GPA of 2.0 in the previous grading term. Students meeting the credit requirements but having a GPA of 1.00 to 1.99 will be placed on academic probation. In addition, participants in co-curricular activities and parents must abide by the rules and regulations set forth in the Revere High School co-curricular code of conduct.

DISCLAIMER

Revere Local School District reserves the right to not offer a course listed within this book due to enrollment; however, we are committed to make every effort possible to provide opportunities for our students.

FLEXIBLE SCHEDULING

If a student wishes to take a course that is part of the RHS curriculum, but cannot take that course during a regularly scheduled class period according to the Master Schedule, that student may do so according to the following guidelines:

1. The student must have the approval of the parent, teacher, department chairperson, counselor, and principal.
2. The student must enroll for the course during another class period that the teacher teaches or meet with the teacher during his/her preparation time.
3. The presence of the student in the classroom cannot cause a disruption or increase class size beyond recommended limits.
4. Students and teacher must agree in advance whether the course will be taken on a pass/fail basis, or for a letter grade. The actual grade that is earned will be decided by the teacher.

NAVIANCE

Naviance is a post high school planning program that helps students individualize their plans for the future. Each student has their own account and can maintain that over their four years at the high school. The program has access to college search tools, career search tools, resume building, and goal setting.

CREDIT FLEXIBILITY

Students may earn credit by demonstrating mastery of essential content and skills addressed in any traditional high school course offered by the district. Demonstration of mastery may involve completing a comprehensive examination, submitting a portfolio of work, or a combination of these. For credit in the arts, demonstrations of mastery may also include performances or exhibitions. When students request the opportunity to earn credit for completing the content of a course offered by the district, the district will provide information about the requirements, assessment process, and grading criteria. There may be a cost involved if "commercial" assessments are used.

SUMMER SCHOOL / CORRESPONDENCE / NIGHT SCHOOL COURSES

All summer school, correspondence, and night school courses must be approved by the administration/guidance.

EARLY GRADUATION REQUIREMENTS

Students are not advised to seek early graduation. There are many advantages and opportunities for students to expand their academic and social development by completing four full years of high school.

There are circumstances where early graduation is desired and will be considered for approval. The guidelines listed below must be followed:

1. The student must declare his/her intention to graduate by May 1st of the year prior to graduation.
2. The student/parent/principal conference may be required prior to June 1st of the year before graduation. An educational plan detailing the request for early graduation and its relationship to the student's overall education will be completed and submitted prior to this conference. Assistance may be obtained from the Guidance Department in preparing the educational plan.
3. Completion of the "Early Graduation Approval Form" must be submitted by the student and parents prior to approval by the principal.
4. Final administrative approval will be denied if class sizes are impacted significantly.

WITHDRAWALS, TRANSFERS, AND CHANGE OF ADDRESS

A student should notify the Guidance Office a few days in advance of transferring or withdrawing from school. The student must obtain a withdrawal form from the Guidance Office. All subject teachers must sign this form after textbooks are returned and all financial obligations are satisfied. The form is returned to the Guidance Office when it is completed. No transfers or withdrawals will be issued until the form is returned. Students who change their address, telephone number, or emergency information should report these changes to the Guidance Office and to the Attendance Office.

FOREIGN EXCHANGE STUDENTS

Revere High School welcomes a maximum of three foreign exchange students a year. It is our privilege to support the students in their year long experience in the United States. A foreign exchange student needs to have the proper documentation through their sponsoring organization. The sponsoring organization must be sanctioned with the OHSAA. Foreign exchange students will be registered as junior status and will receive a certificate of attendance from Revere High School.

RHS ART

The following classes are designed to increase students' awareness of the visual world and to develop personal, interpretive forms of visual communication. Students will acquire knowledge of the function of art in our society as they explore design fundamentals in cultural and historical contexts. They will be prepared to become participants in art activities on a professional or personal level with heightened awareness of the value and purpose of art to all members of a community.

- 3000 Elements of Art A
- 3022 Watercolor
- 3023 Cartooning
- 3021 Art Appreciation
- 3002 Drawing and Design
- 3004 Painting
- 3005 Advanced Painting
- 3006 Ceramics
- 3007 Advanced Ceramics
- 3008 Multi-Media Art
- 3009 Advanced Multi-Media
- 3010 Sculpture
- 3019 A.P. Studio Art 2-D Design
- 3018 A.P. Studio Art Drawing

Elements of Art A

Course Number:	3000
Course Length:	one trimester
Credits:	0.5
Periods/Week:	5
Open To:	9, 10, 11, 12

This is an introductory course that will cover the Elements of Art (line, color, shape, texture, space, form). Students will learn the basic foundations of two and three dimensional design.

Prerequisite: None

Watercolor

Course Number:	3022
Course Length:	one trimester

Credits: 0.5
Periods/Week: 5
Open To: 9, 10, 11, 12

Students will work with watercolor and mixed media, focusing on watercolor techniques.

Prerequisite: Elements of Art

Cartooning

Course Number: 3023
Course Length: one trimester
Credits: 0.5
Periods/Week: 5
Open To: 9, 10, 11, 12

Students will study the basics of cartooning and illustration, focusing on line drawing, character development, illustrating a story line, and cover art. While most of the work will be hand-drawn, we will be incorporating the use of iMovie and other apps in some projects.

Prerequisite: Elements of Art

Art Appreciation

Course Number: 3021
Course Length: one trimester
Credits: 0.5
Periods/Week: 5
Open To: 9, 10, 11, 12

This class is for any student interested in art regardless of abilities. Different art movements will be explored using projects, discussion, and museum visits.

Drawing and Design

Course Number: 3002
Course Length: two trimesters
Credits: 1
Periods/Week: 5
Open To: 9, 10, 11, 12

This class reinforces drawing skills learned in Elements. Emphasis is on drawing from life in various media. Skills learned will include contour line, value and gesture studies in charcoal, graphite, pen and ink, wash, oil and chalk pastel. The human figure and still life will be the primary subjects.

Prerequisite: Elements of Art

Painting

Course Number: 3004
Course Length: two trimesters
Credits: 1
Periods/Week: 5
Open To: 10, 11, 12

This course is an introduction to basic color theory and techniques in acrylic and watercolor paints.

Prerequisite: Elements of Art

Advanced Painting

Course Number: 3005
Course Length: two trimesters
Credits: 1

Periods/Week: 5
Open To: 10, 11, 12

Students will work with acrylic, watercolor and mixed media to develop their own unique style through guided projects.

Prerequisite: Painting with a "B" average

Ceramics

Course Number: 3006
Course Length: two trimesters
Credits: 1
Periods/Week: 5
Open To: 9, 10, 11, 12

This course is an introduction to the basic methods of hand building. Students will learn slab construction, coiling, pinch method, subtractive and free form construction. Students will also receive an introduction to glazing and some experience with throwing on the potter's wheel.

Prerequisite: Elements of Art

Advanced Ceramics

Course Number: 3007
Course Length: two trimesters
Credits: 1
Periods/Week: 5
Open To: 10, 11, 12

Students will develop individualized projects to deepen their knowledge of ceramics. This course is recommended for students who wish to increase their skill in forming, glazing and throwing techniques.

Prerequisite: Ceramics with a "C" average

Multi-Media Art

Course Number: 3008
Course Length: two trimesters
Credits: 1
Periods/Week: 5
Open To: 10, 11, 12

This course is an introduction to 2 and 3 dimensional projects with an emphasis on the elements and principles of design. Students will learn the basics of working with metals, wood, ceramics, fibers and calligraphy.

Prerequisite: Elements of Art

Advanced Multi-Media (Adv 3-D Design)

Course Number: 3009
Course Length: two trimesters
Credits: 1
Periods/Week: 5
Open To: 10, 11, 12

Students will perform extended individualized study in 3 dimensional areas. They will work with metals, clay, fibers and various sculpture materials. This course is recommended for students with a strong interest in advanced 3-D design.

Prerequisite: Multi-Media

Sculpture

Course Number: 3010
Course Length: two trimesters
Credits: 1
Periods/Week: 5
Open To: 10, 11, 12

This course will explore various historical sculpture styles in a variety of mediums. Some examples of projects may include classical realism, abstraction, expressionism, and conceptual works. Projects include life sized ceramic faces, wire action figures, large scale abstractions, and small scale human figure studies. The work done in part A will be of smaller scale. Part B builds on the skills learned in part A. The emphasis will be on a larger scale, greater complexity and conceptual planning. Projects will be based on individual interpretations. Examples of projects may include the transformation of furniture and/or household appliances. Many of the mediums explored in part A will be revisited in part B.

Prerequisite: Elements of Art

A.P. Studio Art 2D Design

Course Number: 3019
Course Length: three trimesters
Credits: 1.5
Periods/Week: 5
Open To: 10, 11, 12

The goal of this class is to develop 24 works over 3 trimesters to complete a 2D design portfolio. This class involves the application of drawing and design skills learned in previous art classes. The principles of design will be applied to one, two and three week projects. Most of the assignments will be based on observation or art historical reference. Examples of projects may include drawing, painting and designing in the following styles: Realism, Cubism, Surrealism, Historical Appropriation and Expressionism. Mediums may include colored pencil, pen and ink, graphite, oil or chalk pastel, collage and mixed media. Commercial design will be investigated and could involve print making and the possible use of Adobe Photoshop. Students will take digital photos of their portfolio and prepare them for submission for the A.P. Test.

Prerequisite: AP Drawing

A.P. Studio Art Drawing

Course Number: 3018
Course Length: three trimesters
Credits: 1.5
Periods/Week: 5
Open To: 10, 11, 12

The goal of this class is to develop 24 works over 3 trimesters to complete an A.P. Drawing portfolio. Students will apply the drawing skills learned in previous art classes. Most of the assignments will be based on observation with an emphasis on developing rendering skills in a wide variety of mediums which may include colored pencil, pen and ink, graphite, oil or chalk, pastel, collage and mixed media. In addition to several in-class design assignments, the main focus of the class involves the development of a related body of works. The student will investigate a theme of their choosing and execute at least six works that relate to their concentration. Students will take digital photos of their portfolio and prepare them for submission for A.P. Testing.

Prerequisite: Drawing and Designer portfolio review by instructor.

RHS BUSINESS

The Business Education Department functions for the purpose of providing basic business education for all students, specific skill training for business occupations, and background training needed by students who expect to enter college or advanced training.

- 3102 Business Foundations
- 3103 Accounting
- 3105 Personal Finance
- 3106 Business Law
- 3109 Computer Applications
- 3111 Web Page Design

Business Foundations

Course Number: 3102
 Course Length: one trimester
 Credits: 0.5
 Periods/Week: 5
 Open To: 9, 10, 11, 12

Business Foundations introduces students to the world of business and helps prepare them for their economic roles as consumer, worker, and citizen. It also prepares them for employment and helps them understand their responsibilities as citizens. Topics to be studied will include Economics, Business Ownership, International Business, Marketing/Advertising, and Business Ethics. Also included is a separate program on Entrepreneurship that concludes with a Business Plan writing competition with awards.

Accounting

Course Number: 3103
 Course Length: two trimesters
 Credits: 1
 Periods/Week: 5
 Open To: 10, 11, 12

The principles of a double entry bookkeeping system are taught in this course. The students learn how to journalize various transactions, post to ledgers, prepare financial statements and prepare the books for the next fiscal period. The principles and application of accounts receivable and payable are also taught. Some accounting work will be done on computers.

Personal Finance

Course Number: 3105
 Course Length: one trimester
 Credits: 0.5
 Periods/Week: 5
 Open To: 9, 10, 11, 12

Personal Finance is a required class for graduation. Students will receive instruction in both Consumer Economics and Personal Finance. Under the realm of Consumer Economics, students will learn about Allocation of Resources, Economic Systems, and the Economic Institutions and Incentives. They will also learn about Markets and Prices and Market Structures. In addition, students will receive the personal and professional financial skills they need to succeed. Students will learn about real-world business activities as well as day-to-day personal situations. Topics to be covered will include budgeting, personal decision making, making long and short term investments, consumer purchasing strategies, and risk management and insurance. An extensive study of consumer credit and personal banking is included in this course.

Business Law

Course Number: 3106
 Course Length: two trimesters
 Credits: 1
 Periods/Week: 5
 Open To: 10, 11, 12

Law is an introductory course designed for sophomore, junior, and senior students considering a career in business, criminology, or law. Legal terms, principles and issues are presented, analyzed and applied to contemporary situations. This course provides students with an interesting introduction to law presented in an effective skill-building format. It explains the basics of the U.S. legal system, focusing first on organization and operation, and then introducing students to the major areas of law practice and the legal principles that apply. Throughout the text, legal concepts are defined and explored in a clear concise manner with numerous examples to demonstrate the application of theory.

Computer Applications

Course Number: 3109
Course Length: one trimester
Credits: 0.5
Periods /Week: 5
Open To: 9, 10, 11, 12

This course is designed to introduce students to computer software applications. Students will use Microsoft Word, Publisher, Excel, and PowerPoint to create documents using word processing, spreadsheets, graphics, databases, and desktop publishing. Students will create multimedia presentations and learn to use the Internet as a research tool. This course is recommended for all students including those who are college bound or who plan to utilize computers for personal or business use. This course is used towards the Computer Literacy requirement for graduation.

Web Page Design

Course Number: 3111
Course Length: one trimester
Credits: 0.5
Periods /Week: 5
Open To: 10, 11, 12

This course is designed to introduce students to Hypertext Markup Language HTML CSS and other facets of web page development and design. Students will take a hands-on approach to learning the intricacies of web page design. They will be faced with various design challenges as they design web pages using HTML CSS Dreamweaver and other design software.

Prerequisite: Computer Applications or teacher recommendation

RHS ENGLISH

- 3100 Yearbook Production
- 3200 English 9
- 3201 Comp English 9
- 3222 Honors English 9
- 3203 English 10
- 3204 Comp English 10
- 3205 Honors English 10
- 3206 English 11
- 3207 Comp English 11
- 3231 AP English Language and Composition
- 3209 English 12
- 3210 Comp English 12
- 3232 A.P. English Literature and Composition
- 3214 Speech
- 3215 Video Productions I
- 3216 Video Productions II
- 3217 Adv. Video Productions

- 3218 Drama
- 3221 Lantern Production
- 1000 English Composition I (CCP)
- 1001 English Composition II (CCP)

Yearbook Production

Course Number: 3100
 Course Length: three trimesters
 Credits: 1.5
 Periods/Week: 5
 Open To: 10, 11, 12

Students will learn the basics of journalism, photography, and publication through creation of the school yearbook. Editorial staff position opportunities include business manager, editor in chief, and photo editor. All other students will act as general staff. All staff positions will be selected in the fall based on student experience, ability and aptitude. As part of their grade, students are expected to attend events after school, complete interviews, take photographs, create layouts, and to sell advertisements as a fundraiser.

Prerequisite: English teacher recommendation and spring interview with yearbook advisor. Interview and both teacher recommendations must be completed before finalizing schedule. It is highly advised that students complete photography or digital design before taking Yearbook Production.

English 9

Course Number: 3200
 Course Length: three trimesters
 Credits: 1.5
 Periods/Week: 5
 Open to: 9

This course focuses on basic skills in reading literary and informational text, writing, use of language, speaking and listening. Students will study literary forms including short stories, novels, poetry, drama, and nonfiction.

Comp English 9

Course Number: 3201
 Course Length: three trimesters
 Credits: 1.5
 Periods/Week: 5
 Open to: 9

This course provides college bound students the opportunity to study literature, write in a variety of genres, and broaden their knowledge of language while having opportunities to explore the world around them, pursue research projects based on their interests, and interact using twenty-first century skills. Students will delve into themes deeply and share their work for an audience beyond the classroom. A focus will be on collaboration, communication, creativity, and critical analysis. The course will also focus on study skills transferable to all content areas. Supplemental novels are required.

Prerequisite: Teacher recommendation

Honors English 9

Course Number: 3222
 Course Length: two trimesters
 Credits: 1
 Periods/Week: 5
 Open to: 9

This course focuses on basic skills in reading literary and informational text, writing, use of language, speaking and listening. Students will study literary forms including short stories, novels, poetry, drama, and nonfiction.

Prerequisite: Teacher recommendation

English 10

Course Number: 3203
Course Length: two trimesters
Credits: 1
Periods/Week: 5
Open to: 10

This course focuses on basic skills in reading literary and informational text, writing, use of language, speaking, listening, and vocabulary development. Students will study literary forms including short stories, novels, poetry, drama, and nonfiction.

Comp English 10

Course Number: 3204
Course Length: two trimesters
Credits: 1
Periods/Week: 5
Open to: 10

This course provides college bound students the opportunity to develop their skills in reading literary and informational text, writing, use of language, development of vocabulary, speaking and listening. Students will study literary forms including the novel, short story, nonfiction, biography, essay, poetry, and drama. Supplemental novels are required.

Prerequisite: Comp English 9 or teacher recommendation

Honors English 10

Course Number: 3205
Course Length: two trimesters
Credits: 1
Periods/Week: 5
Open to: 10

This is an accelerated course focusing on skills in thinking, writing, and speaking. Literary analysis, the research process, vocabulary, language control, and grammatical usage are major areas of study. Reading focuses on poetry, fiction, nonfiction, and drama. Supplemental novels and summer reading assignments are required.

Prerequisite: Teacher recommendation

English 11

Course Number: 3206
Course Length: two trimesters
Credits: 1
Periods/Week: 5
Open to: 11

This course emphasizes basic skills in pre-writing, writing, and revision to develop writing skills. Students will study American Literature, essays, editorials, magazine articles, and poems; students will make oral reports and do public speaking.

Prerequisite: English 10 or test scores

Comp English 11

Course Number: 3207
Course Length: two trimesters

Credits: 1
Periods/Week: 5
Open to: 11

This is a college-bound level skills course focusing on communication and research skills, American Literature study, writing, and vocabulary development. Supplemental novels are required.

Prerequisite: Comp English 10 or teacher recommendation

AP English Language and Composition

Course Number: 3231
Course Length: two trimesters
Credits: 1
Periods/Week: 5
Open to: 11

This course is designed for those who wish to study writing and rhetoric (the aims, modes and language of discourse) beyond the high school level, and it meets the objectives and requirements of the College Board-approved AP English Language and Composition syllabus and Course Description. This is a college-level course, for which students may receive college credit with the successful completion of the AP tests, given each May. The material covered in this course is based on effective writing, critical reading and the study of rhetoric. In this class students will find thorough study of different forms of composition (narration and description, process analysis, comparison and contrast, division and classification, definition, cause and effect).

Supplemental novels and summer reading assignments are required.

Prerequisite: Teacher recommendation and Honors English 10.

English 12

Course Number: 3209
Course Length: two trimesters
Credits: 1
Period/Week: 5
Open to: 12

This English course emphasizes the appreciation of the basic skills of language usage, reading, writing, and researching required at this level. Students will study British Literature and complete a research project.

Prerequisite: English 11

Comp English 12

Course Number: 3210
Course Length: two trimesters
Credits: 1
Periods/Week: 5
Open to: 12

This course is designed for grade 12 students, in preparation for the collegiate level, in the following areas: the conventions of Standard English, reading British Literature & informational texts, writing, speaking and listening. Supplemental novels are required.

Prerequisite: Comp English 11 or teacher recommendation

A.P. English Literature and Composition

Course Number: 3232
Course Length: two trimesters
Credits: 1

Periods/Week: 5
Open To: 12

This course is designed for those who wish to study writing and literature beyond the high school level, and it implements the objectives and requirements of the College Board-approved Advanced Placement English Literature and Composition Syllabus and Course Description. This is a college-level course, for which students may receive college credit with the successful completion of the AP tests, given each May. The course is organized by genre and in accordance with the guidelines of the current AP English Course Description. Supplemental novels and summer reading are required.

Prerequisite: Teacher recommendation and Advanced Placement English Language and Composition

Speech

Course Number: 3214
Course Length: one trimester
Credits: 0.5
Periods/Week: 5
Open To: 1 0, 11, 12

Speech is a course in all aspects of vocal presentation and delivery. Students will write, deliver, and evaluate celebratory, persuasive, reflective, and interpretative speeches. In addition, students will also partake in impromptu scenarios, circle interviewing, and various debate styles. Throughout the course, emphasis will be placed on oral and visual communication techniques designed to strengthen speaking skills, as well as academic and social representation.

Prerequisite: Recommendation from an English teacher.

Video Productions I

Course Number: 3215
Course Length: two trimesters
Credits: 1
Periods / Week: 5
Open To: 10, 11, 12

This hands-on elective course is designed to provide students grades 10-12 with the opportunity to study the various aspects of television productions. Students will learn how to properly operate various pieces of television equipment, how to write, direct and act in a studio production. In addition to the studio work students will become familiar with the art of video editing and filming. Students will write, film, and edit various class projects. All students will be videotaped with the possibility of use over the school's in-house network.

Prerequisite: "C" average in English and recommendation from an English teacher.

Video Productions II

Course Number: 3216
Course Length: two trimesters
Credits: 1
Periods/Week: 5
Open To: 10, 11, 12

This hands-on elective course is designed to provide students in grades 10-12 who have successfully completed Video Productions I or the equivalent opportunities to use their video production knowledge to produce, write, direct and act in productions for use in the school system and on RS 22. In addition, students will further advance their knowledge in computer editing. Video Productions II is also responsible for producing the RHS morning news.

Prerequisite: Video Production I and permission from the instructor.

Advanced Video Productions

Course Number: 3217
Course Length: two trimesters
Credits: 1
Periods/Week: 5
Open To: 10, 11, 12

This elective course is intended only for those students who have already successfully completed Video Productions I and Video Productions II. Project based, students will continue to write, produce, direct, edit and star in various productions. This class can be repeated for credit.

Prerequisite: Video Productions I & II and permission from the instructor. Must have maintained a “B” average in Video II A & B.

Drama

Course Number: 3218
Course Length: one trimester
Credits: 0.5
Periods/Week: 5
Open To: 10, 11, 12

This is an introductory course in all aspects of acting and theatrical production. Students will be exposed to nonverbal communication, body and stage geography, character development, verbal manipulation, and other presentation skills. In addition, students will study make-up, costuming, props, sound effects, and other elements of theatrical performance. Students will work with classical plays and formulate their own. Emphasis will be placed on various student-centered projects.

Lantern Production

Course Number: 3321
Course Length: three trimesters
Credits: 1.5
Periods/Week: 5
Open To: 9, 10, 11, 12

Students will use journalistic writing and layout/computer-aided design skills to produce Lantern, Revere High School’s student newspaper.

Prerequisite: “C” average in English and teacher recommendation.

English Composition I (CCP)

Course Number: 1000
Course Length: two trimesters
Credits: 1
Periods/Week: 5
Open To: 9, 10, 11, 12

This College Credit Plus course will incorporate extensive and varied experience in developing writing skills, with practice in expressive, reflective, and reflective forms of writing.

English Composition II (CCP)

Course Number: 1001
Course Length: two trimesters
Credits: 1
Periods/Week: 5
Open To: 9, 10, 11, 12

This College Credit Plus course is designed to develop skills in analyzing and writing persuasive arguments.

Prerequisite: English Composition I

RHS FAMILY & CONSUMER SCIENCE

Family and Consumer Sciences classes focus on instruction that will empower individuals to take action for the well-being of themselves and others in the workplace, community and home. Students will have opportunities to develop a high level of competence in problem solving, interpersonal skills, citizenship and leadership while balancing work and family. Family and Consumer Sciences education provides a foundation for all career fields. Students will experience a variety of learning activities including small group activities, presentations, hands-on projects, classroom discussions, labs, field trips and community involvement. Through integrated classroom activities, all students will have the opportunity to participate in FCCLA (Family, Career, and Community Leaders of America) the national student organization for Family and Consumer Sciences.

- 3304 Global Cuisine
- 3305 Fashion and Design
- 3310 Life Transitions
- 3311 Entertaining with Healthy
and Safe Foods
- 3312 Child Development

Global Cuisine

Course Number:	3304
Course Length:	one trimester
Credits:	0.5
Periods /Week:	5
Open To:	10, 11, 12

The goals and objectives of this course are related to learning and practicing food preparation skills from around the world. Students will have hands-on learning in the food labs, use technology to develop meaningful projects, and research and share cultural diversity with others. This course is a multicultural experience that will give students a chance to explore the cultures and cuisines from around the world bringing a greater understanding of diversity. (Costs may vary with individual choice of student projects)

Fashion and Design

Course Number:	3305
Course Length:	one trimester
Credits:	0.5
Periods/Week:	5
Open To:	10, 11, 12

This class is an action packed elective for students with interests in any aspect of fashion and/or interior design. Students will learn basic concepts applied in both Fashion and Interior Design. Areas of concentration include elements and principles of design, accessorizing, identifying quality fabrics, history of design, fashion and fads, merchandising, recycling, environmental concerns, and computer aided designs. Students will have an opportunity to create unique design projects with color, fabrics, and other materials. Students will develop portfolios of works created. This class is geared towards art and non-art students.

Life Transitions

Course Number:	3310
Course Length:	one trimester
Credits:	0.5
Periods /Week:	5
Open To:	9, 10, 11, 12

This course provides students the opportunity to consider a variety of personal and academic life transitions and develop skills to manage those changes. Students will develop skills to transition through high school to a productive, meaningful life. They will learn to effectively manage time, stress, money, communication, conflict, and family resources to reach goals. Personal growth, productive school behavior and study skills, ethical behaviors and personal responsibility, leadership skills and interpersonal relationships are explored. Students will practice problem solving and prepare safe and healthy foods.

Entertaining with Healthy and Safe Foods

Course Number:	3311
Course Length:	one trimester
Credits:	0.5
Periods /Week:	5
Open To:	9, 10, 11, 12

Cooking has been described as both a science and an art. This class will bring them both together as students investigate the science involved in preparing healthy foods for optimal nutrition and safe foods that eliminate food borne pathogens. Students will develop culinary skills through exploration into the art of making foods tasteful and appealing while planning healthy meals, preparing delicious foods, and using a variety of kitchen skills and assorted equipment. Students will gain knowledge of related careers and food budgeting practices. Food preparation labs are a key component of this class! Students interested in careers in the food industry or dietetics and nutrition will benefit from this course along with anyone planning to cook for friends, family or self. Learn how to entertain like the famous chefs!

Child Development

Course Number:	3312
Course Length:	one trimester
Credits:	0.5
Periods /Week:	5
Open To:	10, 11, 12

Explore the world of children from birth through adolescence. This course focuses on the challenges and concerns related to nurturing and caring for children. Students will investigate parenting issues, prominent theories of child psychology and learn ways to meet the needs of infants and children to provide for healthy growth and development. Students will have opportunities to create games and activities for children and to prepare nutritious meals and snacks. Responsibilities of parenthood and positive parenting techniques will be included.

RHS MATHEMATICS

- 3500 Comprehensive Algebra I
- 3504 Geometry
- 3506 Comprehensive Geometry
- 3505 Algebra II
- 3510 Comprehensive Algebra II
- 3516 Honors Algebra II
- 3508 Trigonometry
- 3509 Probability & Statistics
- 3518 Honors Trigonometry
- 3511 Honors Probability & Stats.

- 3512 Pre-Calculus
- 3513 Honors Pre-Calculus
- 3514 Calculus
- 3515 AP Calculus BC
- 3516 AP Statistics

Comprehensive Algebra I

Course Number: 3500
 Course Length: three trimesters
 Credits: 1.5
 Periods/Week: 5
 Open To: 9, 10, 11, 12

This course develops the foundation for the mathematical knowledge and skills students need to become college and career ready. The course will deepen and extend understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend, and students engage in methods for analyzing, solving, and using quadratic functions. In addition, the course will introduce methods for analyzing and using quadratic functions, including manipulating expressions for them, and solving quadratic equations.

Required materials: TI-30 calculator

Geometry

Course Number: 3504
 Course Length: three trimesters
 Credits: 1.5
 Periods/Week: 5
 Open To: 9, 10, 11, 12

This course is designed for those students who need additional time to understand geometry concepts. It develops the foundation for the mathematical knowledge and skills students need to become college and career ready, and is taught over three trimesters rather than two. The course emphasizes the traditional geometry that is divided about equally between the study and use of a postulation deductive system of reasoning (proofs) and the accumulation of geometric facts and principles. It requires memorization, analyzing and reasoning. The areas of study, mostly drawn from Euclidean plane geometry include: points, lines, planes, angles, triangles, quadrilaterals, polygons, circles, solids, constructions and coordinate geometry. In addition, basic trigonometry will be introduced. The course is covered at a pace, which allows for mastery of concepts and skills vital to future study in mathematics.

Required materials: compass, protractor, ruler and a TI-30 calculator.

Prerequisite: Teacher recommendation only

Comprehensive Geometry

Course Number: 3506
 Course Length: two trimesters
 Credits: 1
 Periods/Week: 5
 Open To: 9, 10, 11, 12

This course develops the mathematical knowledge and skills students need to become college and career ready. The course emphasizes the traditional geometry that is divided about equally between the study and use of a postulation deductive system of reasoning (proofs) and the accumulation of geometric facts and principles. It requires memorization, analyzing and reasoning. The areas of study, mostly drawn from Euclidean plane geometry include: points, lines, planes, angles, triangles, quadrilaterals, polygons, circles, solids, constructions and coordinate geometry. In addition, basic trigonometry will be introduced.

Required materials: compass, protractor, ruler and a TI-30 calculator.

Prerequisite: “C” in Algebra IB and “C” in Algebra IC

Algebra II

Course Number:	3505
Course Length:	two trimesters
Credits:	1
Periods/Week:	5
Open To:	11, 12

This course is structured to help those students who need their Algebra II Equivalency class for graduation. It is designed to enhance Algebra I concepts and introduce the beginning levels of advanced Algebra. Topics include equations, inequalities, matrices, roots, complex numbers, systems of equations including two and three variables, and graphing in two dimensions. Functions are introduced and include the study of linear, quadratic, polynomial, rational, exponential, and logarithmic functions.

Required materials: TI-30 calculator

Comprehensive Algebra II

Course Number:	3510
Course Length:	two trimesters
Credits:	1
Periods/Week:	5
Open To:	9, 10, 11, 12

This course, designed for college bound students, emphasizes advanced algebra. Students will study equations, inequalities, matrices, roots, complex numbers, systems of equations including three variables, and graphing in two and three dimensions. In addition, functions are introduced and include the study of linear, quadratic, polynomial, rational, exponential, and logarithmic functions.

Prerequisite: “C” average in Algebra I and “C” average in Geometry

Required materials: TI-30 calculator

Honors Algebra II

Course Number:	3516
Course Length:	two trimesters
Credits:	1
Periods/Week:	5
Open To:	9, 10, 11, 12

This accelerated course is designed for students who plan to take in-depth college preparatory mathematics. Students will study equations, inequalities, matrices, roots, complex numbers, systems of equations including three variables, and graphing in two and three dimensions. In addition, functions are introduced and include the study of linear, quadratic, polynomial, rational, exponential, and logarithmic functions.

Required materials: TI-30 calculator.

Prerequisite: “B” average in Algebra I and “B” average in Honors Geometry and teacher recommendation.

Trigonometry

Course Number:	3508
Course Length:	one trimester
Credits:	0.5
Periods/Week:	5
Open To:	10, 11, 12

Students will study trigonometric and circular functions, which are defined from a real number and triangular perspective. Properties, graphs, right and oblique triangle solution, evaluation of trigonometric functions, verification of trigonometric identities, solution of trigonometric equations and real world applications are covered.

Required materials: TI-83 or TI-84 Graphing Calculator.

Prerequisite: "C" average in Comprehensive Algebra II or Honors Algebra II

Probability and Statistics

Course Number: 3509
Course Length: one trimester
Credits: 0.5
Periods/Week: 5
Open To: 10, 11, 12

Students will study basic statistics; the collection, organization, analysis, interpretation, and presentation of numerical data. Both descriptive and inferential statistics, as well as elementary combinatorics and probability theory are included. The course places emphasis on real-world applications. Required materials: TI-83 or TI-84 Graphing Calculator. This course may be taken concurrently with Trigonometry.

Prerequisite: "C" average in Comprehensive Algebra II or Honors Algebra II

Honors Trigonometry

Course Number: 3518
Course Length: one trimester
Credits: 0.5
Periods/Week: 5
Open To: 10, 11, 12

Students will study circular and trigonometric functions. The complete treatment of trigonometry and its applications assume students' understanding of both the concepts and the uses of the topic.

Required material: TI-83 or TI-84 Graphing Calculator.

Prerequisite: "B" average in Honors Algebra II and teacher recommendation

Pre-Calculus

Course Number: 3512
Course Length: two trimesters
Credits: 1
Periods/Week: 5
Open To: 11, 12

Students will study relations, functions, logarithms, polar coordinates, vectors, conic sections, sequences, limits, and derivatives. Topics are presented to lay the groundwork for the future study of calculus.

Required materials: TI-83 or TI-84 Graphing Calculator.

Prerequisite: "C" average in Trigonometry and Probability & Statistics.

Honors Pre-Calculus

Course Number: 3513
Course Length: two trimesters
Credits: 1
Periods/Week: 5
Open To: 11, 12

Students will study circular, rational, logarithmic, and exponential functions, polar coordinates, vectors, conic sections, sequences, iterated functions, limits, matrices, and derivatives. Topics are presented to lay the ground work for the future study of calculus.

Required materials: TI-83 or TI-84 Graphing Calculator.

Prerequisite: “B” average in Honors Trigonometry and a “B” average in Probability and Statistics (or a “C” average in AP Statistics)

Calculus

Course Number: 3514
Course Length: two trimesters
Credits: 1
Periods/ Week: 5
Open To: 12

This course introduces the students to the fundamental concepts of calculus: limits, derivatives and integrals. This course is not intended to prepare students for the A. P. Calculus exam. It is most appropriate for those students who plan to take calculus at the college level.

Required materials: TI-83 or TI-84 Graphing Calculator.

Prerequisite: “C” average in either Pre-calculus or Honors Pre-calculus

A.P. Calculus BC

Course Number: 3515
Course Length: three trimesters
Credits: 1.5
Periods/Week: 5
Open To: 11, 12

This course prepares the student to take the “BC” level of the A.P. Calculus test. The objectives of the course are specified by the College Board and include both differential and integral calculus including work in series, vectors, limits and elementary differential equations.

Required materials: TI-83 or TI-84 Graphing Calculator.

Prerequisite: “B” average in Honors Pre-calculus and teacher recommendation.

A.P. Statistics

Course Number: 3516
Course Length: two trimesters
Credits: 1
Periods/Week: 5
Open To: 10, 11, 12

The purpose of this course is to understand and apply the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: Exploring Data, Sampling and Experimentation, Anticipating Patterns and Statistical Inference. Students who successfully complete the course and examination may receive credit and/or advanced placement for a one-semester introductory college statistics course.

Required Materials: TI-83 or TI-84 Graphing Calculator.

Prerequisite: “B” average in Honors Algebra II and teacher recommendation OR “B” in Probability and Statistics and teacher recommendation.

RHS MUSIC

The music program offers a variety of comprehensive courses in instrumental and vocal music. In addition, a course in music theory helps to give the student a fine background in music. The courses place emphasis on understanding, the skills, and the public and private performance of music, not only for those who want to become professionals, but also for those who want to enrich their leisure time activities.

3600 Men’s Choir
3601 Women’s Choir
3602 Symphonic Choir

- 3603 Band (Marching & Concert)
- 3604 Flag Line, Majorette
(for Marching Band)
- 3605 Band (Concert Band only)
- 3606 Music Theory I
- 3607 Music Theory II

Men's or Women's Choir

Course Number: 3600 (M) and 3601 (W)
 Course Length: two trimesters
 Credits: 1
 Periods/Week: 5
 Open To: 9, 10, 11, 12

The Men's and Women's Choirs are separate choral organizations open to any student in grades 9, 10, 11, and 12. These groups serve as foundation-building groups. Emphasis is placed on basic choral technique and learning to sing and appreciate a variety of music from all style periods in music history. No audition is required.

Symphonic Choir

Course Number: 3602
 Course Length: three trimesters
 Credits: 1.5
 Periods/Week: 5
 Open To: 9, 10, 11, 12

The Symphonic Choir is a choral organization for the more serious minded music student. Students will review basic choral technique and work to expand vocal production at a higher level. Music from all time periods in music history will be studied in preparation for performance and contests. An audition and an interview with the director is required. Enrollment is limited to voicing requirements.

Prerequisite: Audition and interview with director

Band (Marching & Concert)

Course Number: 3603
 Course Length: three trimesters
 Credits: 1.5
 Periods /Week: 5
 Open To: 9, 10, 11, 12

This course is designed for instrumental music students who wish to participate in instrumental music in a variety of performance mediums. The first trimester will consist of marching band for all students. The marching band performs at all football games and various band shows/competitions.

NOTE: A requirement for marching band membership will be attendance at summer practices prior to the start of school. In addition there will be a fee for uniform maintenance and related items.

The remaining two trimesters will consist of concert band. Students will review and improve basic instrumental technique through study and quality band literature. Students will perform in large group forum and small group genre: woodwind choir, brass choir, percussion ensemble and Jazz Band. Performance schedules will be available in late May in the music office.

Flag Line, Majorette (for Marching Band)

Course Number: 3604
 Course Length: one trimester
 Credits: 0.5

Periods /Week: 5
Open To: 9, 10, 11, 12

This course selection is for students who will be participating in the marching band as a flag line member or majorette in the fall only. This course is only offered Trimester 1. If you spin a flag/majorette and play an instrument, sign up for both 3604 and 3605. Workshops are held for Flag Line and Majorette in the spring. Please sign up for this course now so that you can be contacted for the workshops later in the spring.

Prerequisite: Audition

Band (Concert Band)

Course Number: 3605
Course Length: two trimesters
Credits: 1
Periods/Week: 5
Open To: 10, 11, 12

This course is designed for instrumental music students who wish to participate in instrumental music in a variety of performance mediums. Freshmen will sign up for March/Concert Band. The two trimesters will consist of concert band and small ensembles. Students will review and improve basic instrumental technique through study and quality band literature. Students will perform in large group forum and small group genre: woodwind choir, brass choir, percussion ensemble and Jazz Band.

Music Theory I

Course Number: 3606
Course Length: one trimester
Credits: 0.5
Periods/Week: 5
Open To: 10, 11, 12

Music Theory I introduces the student to the basic fundamentals of reading and writing music. Students work with elements of common practice theory and harmony through written assignments and aural skills training. Students should have a vocal or instrumental background. This course is homework intensive.

Prerequisite: 9th grade with instructor's permission and assessment.

Music Theory II

Course Number: 3607
Course Length: one trimester
Credits: 0.5
Periods/Week: 9, 10, 11, 12

Music Theory II continues to introduce the student to the fundamentals of music theory. Basic theoretical topics will include: melodic dictation, principles of functional harmony using tonic, dominant, and sub-dominant chords in root position and inversions, seventh chords, cadences, non-harmonic tones, introduction to part-writing, and principles of melodic and harmonic analysis of tonal music. Aural skills development will accompany the written requirements. The student must have a solid working knowledge of the concepts of Music Theory I before advancing to this course. This course is homework intensive.

Prerequisite: Music Theory I

RHS PHYSICAL EDUCATION & HEALTH

- 3400 Health
- 3410 Physical Education I: Fundamentals of Fitness
- 3411 Physical Education II: Strength Training
- 3412 Fitness/Conditioning

Health

Course Number:	3400
Course Length:	one trimester
Credits:	0.5
Periods/Week:	5
Open To:	9, 10

The health course is designed to make the student aware of the human body and its functions, communicable diseases, principles of good nutrition, the harmful effects of drugs, alcohol and tobacco, STD's, safety and CPR, and mental health. The "sex education" component is character and abstinence based.

Physical Education I: Fundamentals of Fitness

Course Number:	3410
Course Length:	one trimester
Credits:	0.25
Periods/Week:	5
Open To:	9, 10, 11, 12

This class is for the student who is interested in developing or maintaining muscular strength and endurance. The three basic components to this program include: (1) strength training; (2) aerobic exercise activities and (3) personal fitness awareness. The students may participate in some of the following activities: low-impact aerobics, fitness jogging/walking, circuit training, step training, jump roping, tae-bo, strength training, plyometrics, and resistance band training. The following fitness components will also be covered: muscular strength, muscular endurance, flexibility, cardiorespiratory endurance and body composition.

* Note that this course is offered for only one-fourth credit, or taken as an elective.

* This course may not be taken twice in order to receive the full credit required for graduation

Physical Education II: Strength Training

Course Number:	3411
Course Length:	one trimester
Credits:	0.25
Periods/Week:	5
Open To:	9, 10, 11, 12

This class is for the student who is interested in developing or maintaining muscular strength and endurance. The three basic components to this program include: (1) strength training; (2) aerobic exercise activities and (3) personal fitness awareness. The students may participate in some of the following activities: low-impact aerobics, fitness jogging/walking, circuit training, step training, jump roping, tae-bo, strength training, plyometrics, and resistance band training. The following fitness components will also be covered: muscular strength, muscular endurance, flexibility, cardiorespiratory endurance and body composition.

* Note that this course is offered for only one-fourth credit, or taken as an elective.

* This course may not be taken twice in order to receive the full credit required for graduation

Prerequisite: Physical Education I (exceptions are permissible with counselor approval)

Fitness/Conditioning

Course Number:	3412
Course Length:	one trimester
Credits:	0.25
Periods/Week:	5
Open To:	9, 10, 11, 12

This is a fitness and conditioning workout class utilizing a variety of workouts including jogging, kickboxing, tae bo, circuits, abdominal/core focus, free weights, resistance training, yoga, jump roping, and strength and endurance exercises. This class also participates in some traditional indoor and outdoor team related activities.

The following fitness components will also be covered: muscular strength, muscular endurance, flexibility, cardiorespiratory endurance and body composition. The teacher will focus on encouraging teenagers to find a fitness style they can enjoy for a lifetime. If you enjoy a variety of workouts and would like to develop fitness skills for life - this class is for you!

* Note that this course is offered for only one-fourth credit, or taken as an elective.

* This course may not be taken twice in order to receive the full credit required for graduation.

Prerequisite: Physical Education I

RHS SCIENCE

Three credits of science are required for graduation. In addition, an Honors Diploma requires a student to earn three credits of lab science including biology, chemistry, and physics. While course selection is dependent on an individual's ability and interest level, it is recommended that a student should consider taking one science course each year. It is further recommended that a college prep student should take either HPS or Physical Science, and then Chemistry, Biology, and Physics as a thorough preparation for college.

- 3725 HPS
- 3711 Physical Science
- 3703 Biology
- 3704 Chemistry
- 3705 Honors Chemistry
- 3706 Environmental Science
- 3707 Astronomy
- 3708 Honors Biology
- 3709 Marine Biology
- 3710 Physics
- 3711 Honors Physics
- 3712 A.P. Chemistry
- 3713 A.P. Biology
- 3714 A.P. Physics
- 3724 A.P. Environmental Science
- 3723 Forensics

Honors Physical Science

Course Number:	3725
Course Length:	three trimesters
Credits:	1.5
Periods/Week:	5
Open To:	9

Honors Physical Science is offered to students who intend to pursue a science related career and who wish to have an excellent background for further science studies. HPS is a lab oriented physical chemistry, in which the student immerses her/himself in the role of a scientist. Students will investigate the topics of matter and energy, and will become skilled in the use of laboratory equipment, procedures, measurement, writing reports, the scientific method, and critical thinking.

Prerequisite: Successful completion of Algebra I and teacher recommendation required

Physical Science

Course Number:	3711
Course Length:	two trimesters
Credits:	1

Periods/Week: 5
Open To: 9, 10

Physical Science-P (Physics), and Physical Science-C (Chemistry) are lab-based physical science courses. Basic concepts will be presented in each course. The courses will also include the use of scientific inquiry and the ability to demonstrate scientific knowledge. These courses are NOT sequential and thus may be taken in any order.

Prerequisite: None

General Science

Course Number: 3701
Course Length: two trimesters
Credits: 1
Periods/Week: 5
Open To: 9

General Science is a lecture/lab course. Students will take an active role in their learning through observation-based explorations. Processing skills will be emphasized, and concepts will be related to real world phenomena. Areas of study may touch upon basic Earth & Space Science, Biology, Physics, and Chemistry. This course is meant for students who are not yet ready for the rigor of Physical Science P and C.

Prerequisite: Teacher recommendation is mandatory

Biology

Course Number: 3703
Course Length: three trimesters
Credits: 1.5
Periods/Week: 5
Open To: 10, 11

This course presents a general overview of biological principles. Topics may include Biochemistry, genetics, cell biology, biological systems, ecology, and a survey of kingdoms. This course includes minimal dissection. Students completing Biology may take A.P. Biology and/or A.P. Environmental Science in a following year with a teacher recommendation.

Prerequisite: Physical Science

Chemistry

Course Number: 3704
Course Length: two trimesters
Credits: 1
Periods/Week: 5
Open To: 10, 11, 12

This is a basic chemistry course and does not stress the more difficult mathematical aspects of chemistry. Students will study the states of matter, chemical bonding, periodicity, the metric system, gas laws, reaction types, and the mole. Students should expect to spend an average of one hour a day studying to do well in this course.

Prerequisite: "C" average or better in Algebra, and a "C" average or better in Physical Science, or in Biology, plus teacher recommendation

Honors Chemistry

Course Number: 3705
Course Length: two trimesters
Credits: 1

Periods/Week: 5
Open To: 10, 11, 12

This theory- oriented course is designed for the student who wishes to pursue a major in the science or related fields while attending college. The rigorous curriculum focuses on in-depth examination of core concepts in chemistry. Development of critical thinking, problem solving and writing skills is addressed. A minimum of one hour of homework daily is expected. Students who wish to take AP Chemistry should take honors chemistry. Prerequisite: “B average or better in Algebra, and, a “B” average in HPS, or an “A” average in Physical Science, or in Biology, plus a teacher recommendation

Environmental Science

Course Number: 3706
Course Length: two trimesters
Credits: 1
Periods/Week: 5
Open To: 10, 11, 12

This course will take an in-depth look at interactions between plants and animals, and their physical environment. Students will study topics such as watersheds, wetlands, populations and communities, biomes, food chains and webs, energy transfer, human impact on the environment, waste treatment, recycling, mapping, and land labs.

Prerequisite: Biology with a “C” average or better and teacher recommendation

Astronomy

Course Number: 3707
Course Length: one trimester
Credits: 0.5
Periods/Week: 5
Open To: 10, 11, 12

The astronomy course will emphasize an in-depth study of the solar system, the sun, the planets and their satellites, and the other members of the solar system. Other topics covered in the class will include stars, galaxies, the universe, telescopes and space exploration.

Prerequisite: Teacher recommendation plus a “C” average or better in Physical Science is recommended.

Honors Biology

Course Number: 3708
Course Length: two trimesters
Credits: 1
Periods/Week: 5
Open To: 10, 11, 12

This course is used as a stepping stone to A.P. Biology. Emphasis is placed on molecular and cellular biology including the study of DNA. Other areas of discussion include genetics and evolution. The material is covered in more depth than in general biology. The student will often use computers in the lab. This course may not be taken after the completion of Biology.

Prerequisite: “B” or better in Chemistry and teacher recommendation

Marine Biology

Course Number: 3709
Course Length: one trimester
Credits: 0.5
Periods/Week: 5
Open To: 11, 12

Students will study the basic Principles of Marine Science and techniques of Marine explorations and latest research into exploring marine life. Explore examples or organisms of the sea from microbes to multicellular producers to invertebrates to fish and mammals. Also, learn about coral reefs, deep ocean bottoms and the abundance of the continental shelf. Many concepts will be presented within an ecological approach. The course includes hands-on laboratory activities, to include several dissections. There will be an opportunity for these students to attend a week-long trip to the Florida Keys to a Marine research center over the summer at student cost.

Prerequisite: Biology and Chemistry with a “C” average or better in both

Physics

Course Number: 3710
Course Length: two trimesters
Credits: 1
Periods/Week: 5
Open To: 11, 12

This course is a conceptual study of the interaction between matter and energy without the emphasis on the mathematical aspects of physics, although math skills are necessary. This course is not intended for students taking calculus or honors level mathematics courses. Topics of study will be chosen from the areas of mechanics, heat, sound, light, electricity and magnetism, relativity, and nuclear physics. This course is recommended for the non-science career oriented student.

Prerequisite: “C” or better in Algebra I

Honors Physics

Course Number: 3711
Course Length: two trimesters
Credits: 1
Periods/Week: 5
Open To: 11, 12

This course is the study of the interaction between matter and energy. Topics of study will be chosen from mechanics, thermodynamics, light and sound, electricity, magnetism and modern nuclear physics. The course is designed and recommended for the serious mathematical science student, as the course places a strong emphasis on mathematical analysis. Knowledge of chemistry is recommended.

Prerequisite: “B” average in both Algebra II and Trigonometry, or teacher recommendation.

A.P. Chemistry

Course Number: 3712
Course Length: three trimesters
Credits: 1.5
Periods/Week: 5
Open To: 11, 12

This is a college level course, which employs a college text. It is a concept-oriented course, which stresses critical thinking, problem solving and effective writing. Students are expected to spend a minimum of one hour in study per day outside of class time. The course covers all aspects of chemistry addressed in similar courses at the college level.

Prerequisite: “A” average in Chemistry or “A” or “B” average in Honors Chemistry and Algebra II, and teacher recommendation

A.P. Biology

Course Number: 3713
Course Length: three trimesters

Credits: 1.5
Periods/Week: 5
Open To: 11, 12

This course is geared toward the serious minded student who plans to enter a comprehensive science curriculum in college. It may be useful to the serious non-science student, who by taking the advanced placement test at the end of the year may be given the opportunity of testing out of a science class in college. Many of the major topics discussed in honors biology will NOT be covered in A.P. Biology, thus allowing more areas to be discussed. Major topics of discussion include genetics, evolution, cell biology, animal and human biology, immunology, embryology, plant physiology and a complete survey of the animal kingdom. A gene-splicing lab is conducted along with electrophoresis of DNA. Computer technology is incorporated into lab work. Prerequisite: Chemistry, Honors Biology and teacher recommendation.

A.P. Environmental Science

Course Number: 3724
Course Length: three trimesters
Credits: 1.5
Periods/Week: 5
Open To: 11, 12

The goal is to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. The course will include indoor and outdoor lab activities. The following themes provide a foundation for the above structure of the AP Environmental Science course: 1) Interdependence of Earth's Systems: flow of energy and matter in the Biosphere, 2) Human Population Dynamics, 3) Renewable and Nonrenewable Resources: Distribution, Ownership, Use, Degradation, 4) Environmental Quality of Air, Water, Soil and Effects of Wastes, 5) Global Changes and Their Consequences, 6) Environment and Society: Trade-Offs and Decision Making necessary for sustainable populations.

Prerequisites: 1) A or B in any one of Biology, H Bio, AP Bio, and 2) A or B in any one of Chemistry, H Chemistry or AP Chemistry, and 3) Teacher recommendation. A good basis in Algebra is also recommended. If you have not had any of the Chemistry courses you may still be eligible to take AP Environmental Science after a thorough review and recommendation from the Science Department.

A.P. Physics

Course Number: 3714
Course Length: three trimesters
Credits: 1.5
Periods/Week: 5
Open To: 11, 12

The advanced placement course is designed to reflect a first year college physics course. Students will study classical mechanics (including rotational and vibration mechanics), energy, work, thermodynamics, fluid mechanics, electricity and magnetism, wave motion, optics, relativity, quantum physics, nuclear physics, and radiation. The course will prepare students for both the Physics 1 and Physics 2 A.P. Tests.

Prerequisite: "B" average in Honors Algebra II or an "A" average in Algebra II, plus a "B" average in Trigonometry and Chemistry, and teacher recommendation

Forensics

Course Number: 3723
Course Length: one trimester
Credits: 0.5

Periods/Week: 5
Open To: 11, 12

The course will emphasize in-depth investigation of the science used in Forensics. Students will be asked to observe, examine, collect and analyze evidence related to criminal investigations. Topics will include: fingerprinting, blood spatter, hair/fiber analysis, and glass evidence.

Prerequisite: "C" or better in Chemistry and Biology and teacher recommendation

RHS SOCIAL STUDIES

- 3799 9th American History
- 3819 9th Honors American History
- 3813 10th World History
- 3814 10th Honors World History
- 3804 Global Studies
- 3805 American Government
- 3806 Economics
- 3800 "What Is An American?"
- 3801 The History of Leadership
- 3808 Social Issues
- 3809 Psychology
- 3810 Street Law
- 3816 A.P. United States History
- 3817 A.P. European History
- 3818 A.P. American Government
- 3819 A.P. Psychology
- 1020 Government and Politics in the United States (CCP)

9th American History

Course Number: 3799
Course Length: two trimesters
Credits: 1
Periods/Week: 5
Open To: 9

This is a freshman level course designed to portray the history of the United States from 1877 (Reconstruction) to the present. American history is taught chronologically, based on the State of Ohio standards, through an overview of major political, economic, social, and cultural events. Students will be challenged to make the connections between the past and its impact on their lives today. Students will participate in class discussions, presentations, internet research, simulations and self-guided learning.

9th Honors American History

Course Number: 3819
Course Length: two trimesters
Credits: 1
Periods/Week: 5
Open To: 9

This freshman level honors course is designed to challenge and prepare advanced students for the rigorous Advanced Placement curriculum. Honors American History will encompass topics and events from 1877 (Reconstruction) to the present, covering major political, social, and economic themes in American history. While utilizing the State of Ohio standards, students will be challenged with higher-level essay writing and stimulating objective tests. Students will experience in-depth class discussions, outside readings from prominent

primary resources, presentations, internet research, and simulations. Students taking this course will be prepared to follow a path, if desired, toward AP European History in the sophomore year.

Prerequisite: Recommendation from 8th grade social studies teacher

10th World History

Course Number:	3813
Course Length:	two trimesters
Credits:	1
Periods/Week:	5
Open To:	10

This sophomore level course is designed to develop the student's knowledge of world history from 1919 to the present day. The class is taught chronologically, based on State of Ohio standards, through an overview of major political, economic, social, and cultural events. Students will be challenged by in-depth class discussions, presentations, panels, internet research, and simulations.

10th Honors World History

Course Number:	3814
Course Length:	two trimesters
Credits:	1
Periods/Week:	5
Open To:	10

This sophomore level honors course is designed to develop the student's knowledge of world history from Enlightenment through the present day. This Honors class will prepare students for the rigorous Advanced Placement curriculum by concentrating on essay writing and challenging objective tests. Honors World History is taught chronologically, based on state of Ohio standards, through an overview of major political, economic, social, and cultural events. Students will be challenged by in-depth class discussions, outside readings from prominent primary resources, presentations, panels, internet research, and simulations.

Prerequisite: Teacher Recommendation from 9th grade history teacher

The History of Leadership

Course Number:	3801
Course Length:	one trimester
Credits:	0.5
Periods/Week:	5
Open To:	11, 12

This course will actively engage students in the acquisition of information about historical and contemporary leaders as well as theories/concepts/issues associated with leadership. It will also introduce the student to the tasks, strategies, and skills of effective leadership. By analyzing the past and present—Students will be exposed to the nature of leadership through presentation of objective material, through group discussions, and through group activities/presentations.

Global Studies

Course Number:	3804
Course Length:	two trimesters
Credits:	1
Periods/Week:	5
Open To:	10, 11, 12

Global Studies students explore various regions, peoples, and cultures of the world. Our focus will be on the geography, heritage, economy, and culture of these regions. Special attention will be given to Africa, India, Japan, and China. We will also be discussing various critical global issues such as world trade, child labor,

women's issues, conflict, and the environment. The class will be supplemented with hands-on projects, field trips, and student presentations.

American Government

Course Number: 3805
Course Length: one trimester
Credits: 0.5
Periods/Week: 5
Open To: 11, 12

American Government explores the basic history and purposes of American national government processes through the study of the Constitution. Special emphasis is placed on the three branches of government, separation of powers, checks and balances, and the state and federal systems. The Bill of Rights and landmark Supreme Court decisions supplement the course.

Economics

Course Number: 3806
Course Length: one trimester
Credits: 0.5
Periods/Week: 5
Open To: 11, 12

Economics is an elective course that allows students to explore attitudes and principles of a free enterprise system. Comparisons are made with alternatives to that system. The course explores topics such as: demand and supply, advertising, entrepreneurship, international trade and emerging economies. This course will also delve into practical economics.

“What Is An American?”

Course Number: 3800
Course Length: one trimester
Credits: 0.5
Periods/Week: 5
Open To: 11, 12

This elective course will explore the following questions: What does it mean to be an American? What is the American character? What do the ideals of freedom, equality, and justice mean in an American context? How did such a heterogeneous society come together and endure as one people? And how has and will the concept of being an American transcend the issues faced by our nation? The course will attempt to answer these questions through a primary source study of some of the greatest political, literary, and artistic works in our history. Be it presidents, poets, activists, songwriters, or moral leaders, this course will use the works that American history has produced to construct a definition of “American.”

Requirements: Previous Social Studies Teacher Recommendation

Social Issues

Course Number: 3808
Course Length: one trimester
Credits: 0.5
Periods/Week: 5
Open To: 11, 12

In this social studies elective course, students are introduced to the scientific study of sociology, and contemporary issues facing society. This curriculum includes the study of the five basic institutions of society and controversial contemporary issues that accompany each. Students refine opinions based in fact, express opinions through dialogue with others, and build active listening skills especially when opinions differ from their own.

Psychology

Course Number:	3809
Course Length:	one trimester
Credits:	0.5
Periods/Week:	5
Open To:	11, 12

Psychology is a social studies elective course offered to mature junior and senior students. Students will study mental growth and development in a curriculum that includes cognitive, behavioral, psychoanalytic, sociocultural, humanist, and bio-psychological perspectives. Three course objectives are for students to: 1. understand themselves as unique individuals 2. understand differences in others and 3. break down the stigma of mental health issued in our society.

A.P. Psychology

Course Number:	3819
Course Length:	two trimesters
Credits:	1
Periods/Week:	5
Open To:	11, 12

This is a two trimester college level course designed for high-level junior and senior students. The curriculum includes in-depth study of the human brain, mental processes, and behavior. Topics include foundational material, experimental methods, anatomy and physiology of the nervous system, sensation, perception, intelligence, personality, mental health, and stress management. College credit will be available with success on the advanced placement test offered in May.

Street Law

Course Number:	3810
Course Length:	one trimester
Credits:	0.5
Periods/Week:	5
Open To:	11, 12

This social studies elective is a course in practical law. The curriculum provides a solid base for student understanding of rights and responsibilities of American citizens in a free society. Through this twelve week elective course, students experience an interactive student centered program designed to engage the serious student in the history, evolution, and application of the law and related issues. Students will experience a variety of guest speakers from the legal and law enforcement communities who will share their experience with the class.

A. P. United States History

Course Number:	3816
Course Length:	three trimesters
Credits:	1.5
Periods/Week:	5
Open To:	11, 12

This is a college level course and is designed for higher-level sophomores thru seniors. College credit may be obtained by successful testing on the A.P. test in May. The course will deal with American History in great detail, emphasizing historical fact, and cause and effect. Instruction is a blend of lectures, discussions, cooperative learning and independent study. Evaluation is based on class performance, cooperative group efforts, essays, and objective tests. Summer reading is required with follow-up essays or an objective test upon return to school.

Prerequisite: Teacher Recommendation and a “B” average in 9th Honors American History, 10th Honors World History or A.P. European History.

A. P. European History

Course Number: 3817
Course Length: three trimesters
Credits: 1.5
Periods/Week: 5
Open To: 10, 11, 12

This is a college level course designed for higher-level sophomores thru seniors. Instruction will include a combination of discussion, lecture, cooperative learning activities, and independent study. Students will study the cultural, political, social, and military history of Europe from the Renaissance to the present. Assessments will be based on class performance, cooperative efforts, essays, and objective tests. The course will serve as a substitute for the required 10th World History class and enable students who would like to be challenged to follow a path to AP United States History in the junior year.

Prerequisite: Recommendation from 9th grade American History teacher.

A.P. American Government

Course Number: 3818
Course Length: two trimesters
Credits: 1
Periods/Week: 5
Open To: 11, 12

A.P. American Government involves both the study of general concepts and principles of American democracy and analysis of the realities of “working politics.” The class will study constitutional foundations, politics, culture and behavior, political parties and interest groups, the public process and civil liberties. We will be immersed daily in discussion and debate over the “issues of the day.” Students should be prepared to embark on a rigorous course of study including serious reading, independent study, and political research.

Prerequisite: Teacher Recommendation and a “B” average in 10th Honors World History, A.P. European History or A.P. American History

Government and Politics in the United States (CCP)

Course Number: 1020
Course Length: two trimesters
Credits: 1
Periods/Week: 5
Open To: 9, 10, 11, 12

This College Credit Plus course will examine the American political system with emphasis on fundamental principles, ideas, institutions, and the processes of modern government. It will include both lecture and discussion sessions.

RHS TECHNOLOGY EDUCATION

Technology Education provides active, hands-on lab exploring experiences in which students utilize problem solving, critical thinking and decision-making abilities involving human and material resources, processes and technological systems.

- 3901 Digital Design I
- 3902 Photography
- 3903 Advanced Photography
- 3904 Drafting
- 3909 Digital Design II
- 3910 Photo Portfolio

- 3911 Introduction to Engineering Design
- 3912 Robotics I
- 3913 Robotics II
- 3914 Civil Engineering Architecture

Digital Design I

Course Number: 3901
Course Length: one trimester
Credits: 0.5
Periods/Week: 5
Open To: 10, 11, 12

Students will learn the creative process (Digital Design) involving a client, a designer, computer software and the principles & elements of design to combine text and graphics to produce professional-looking publications (*printed work*). The PARC Design Principles will be taught as well as how to use Adobe Photoshop and Adobe Illustrator to create effective layouts and designs while creating a variety of publications such as Notepads, Posters, Space Alien, Cereal Box Design and T-Shirts. The curriculum is created to ensure that students with varying learning styles and levels can accomplish the lesson goals.

Digital Design II

Course Number: 3909
Course Length: one trimester
Credits: 0.5
Periods/Week: 5
Open To: 10, 11, 12

Students will learn the creative process (Digital Design) involving a client, a designer, computer software and the principles & elements of design to combine text and graphics to produce professional-looking publications (*printed work*). The Principles and Elements of Design will be explored in more detail as well as Adobe Photoshop, Adobe Illustrator and Microsoft Publisher to create effective layouts and designs while creating a variety of publications such as Calendars, Business Cards, Tear-Offs/Flyer, Coupon Mailer, Bi-Fold Brochure, Web Page, Student Handbook Cover, Revere Celebration of the Arts T-Shirt Design, Project Pride Design, 3-Color T-Shirt. The curriculum is created to ensure that students with varying learning styles and levels can accomplish the lesson goals.

Prerequisite: Digital Design I

Photography

Course Number: 3902
Course Length: one trimester
Credits: 0.5
Periods/Week: 5
Open To: 10, 11, 12

This is a course for self-motivated students interested in the study of cameras, designing pictures and the basics of composition photography. Students will develop skills in the operations of a digital camera, computer software to photo retouch images and the transferring of digital images in many formats. A digital camera is required but a few will be available for student use.

Advanced Photography

Course Number: 3903
Course Length: one trimester
Credits: 0.5

Periods/Week: 5
Open To: 10, 11, 12

Advanced photography is a course for student's concentration on advanced techniques in digital photography. Students will expand their knowledge of DSLR camera operations and more lab time will be given to complete project assignments. The course will concentrate on multiple subject choices of photography, Photoshop software, matting and framing processes. Students will need a digital camera.

Prerequisite: Photography and teacher recommendation

Drafting

Course Number: 3904
Course Length: one trimester
Credits: 0.5
Periods/Week: 5
Open To: 9, 10, 11, 12

Students learn basic concepts, skill and techniques needed to create engineering mechanical drawings, both by hand and using 2D modeling software, AutoCAD. Students will begin to utilize the engineering design process, apply basic math, science, and engineering standards to a hands-on project, designing, building and testing a balsa stick bridge. The curriculum is created to ensure that students with varying learning styles and levels can accomplish the lesson goals.

Photo Portfolio

Course Number: 3910
Course Length: one trimester
Credits: 0.5
Periods/Week: 5
Open To: 10, 11, 12

Photo Portfolio is a class for students who want to incorporate their photography skills in a future career choice. The course is designed around the student's expertise in a chosen photography field. The class will concentrate on: researching photography occupations, advanced operations of a DSLR based camera, advanced techniques in Photoshop technology, marketing a student portfolio, photography contests and building a final website. DSLR based cameras are recommended, but there are a few available to sign out from the classroom.

Prerequisite: Advanced Photography and teacher recommendation

Introduction to Engineering Design (IED)

Course Number: 3911
Course Length: two trimesters
Credits: 1
Periods/Week: 5
Open To: 9, 10, 11, 12

Students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects such as a puzzle cube game, CO2 powered race car and a mouse trap car. They work both individually and in teams to design solutions to a variety of problems using 3D solid modeling software, AutoCAD Inventor and use an engineering notebook to document their work.

Prerequisite: Drafting is highly recommended, however, no prior experience is required.

Robotics I

Course Number: 3912
Course Length: one trimester
Credits: 0.5

Periods/Week: 5
Open To: 9, 10, 11, 12

Students will mix the excitement and motivation associated with competition and real-world applications of science, technology, engineering and mathematics concepts through the use of the engineering design process. Students will have experiences designing, building, programming and competing with robots in a class setting. The curriculum is created to ensure that students with varying learning styles and levels can accomplish the lesson goals.

Prerequisite: Drafting or Intro to Engineering Design is RECOMMENDED, however no prior experience is required.

VEX Robotics II

Course Number: 3913
Course Length: two trimesters
Credits: 1
Periods/Week: 5
Open To: 10, 11, 12

Students will continue to mix the excitement and motivation associated with competition and real-world applications of science, technology, engineering and mathematics concepts through the use of the engineering design process. Students will have experiences designing, building, programming and competing with COMPETITION style robots in a class setting. The curriculum is created to ensure that students with varying learning styles and levels can accomplish the lesson goals.

Prerequisite: Robotics I

Civil Engineering Architecture

Course Number: 3914
Course Length: two trimesters
Credits: 1
Periods/Week: 5
Open To: 10, 11, 12

Students learn important aspects of building and site design and development. They apply math, science, and standard engineering practices to design both residential and commercial projects and document their work using 3D architecture design software.

Prerequisite: Introduction to Engineering Design or Drafting and the completion of Algebra I and Geometry.

RHS WORLD LANGUAGES

Although foreign languages are elective courses, the study of at least one language greatly enhances a student's marketability in today's world. In addition, one condition of the Honor's Diploma is the completion of at least three years of a language, or two years of one language plus two years of another. It is strongly recommended that the students take more than one language to be competitive in the world market. With the exception of Latin, we do not recommend that students attempt completing three years or more back-to-back unless they are of junior or senior standing. It is recommended, however, that students schedule Levels I and II consecutively for a strong base for further study. Juniors and seniors will also find it beneficial to have recently studied the language when they take their college language placement tests for credit.

4000 French I
4002 Latin I
4003 Spanish I
4004 French II
4006 Latin II
4007 Spanish II

- 4008 French III
- 4010 Latin III
- 4011 Spanish III
- 4012 French IV
- 4014 Latin IV
- 4015 Spanish IV
- 4016 A.P. French
- 4018 A.P. Latin
- 4019 A.P. Spanish

French I

- Course Number: 4000
- Course Length: two trimesters
- Credits: 1
- Periods/Week: 5
- Open To: 9, 10, 11, 12

This is a beginning course in the fundamentals of the French language, customs, culture, and the geography of France. Basic grammar (articles, genders, conjugations, adjective agreement, negatives, and interrogatives) is introduced. Emphasis is on speaking (questions, short dialogues) and listening mainly to the teacher and to cd's or videos with French natives. Short texts are read and explained. Students will explore cultural differences between the US and French speaking countries.

Latin I

- Course Number: 4002
- Course Length: two trimesters
- Credits: 1
- Periods/Week: 5
- Open To: 9, 10, 11, 12

This is a beginning course in the fundamentals of the Latin language as well as the customs, culture, history, and geography of the Roman civilization. Through the study of Latin, the student's knowledge and understanding of English vocabulary, grammar, and syntax is strengthened. Students translate both from Latin to English and English to Latin. They develop an appreciation of the tremendous influence Roman culture has had upon Western literature, law, art, language, and life.

Prerequisite: A strong grounding in English grammar and the ability to analyze English sentences.

Spanish I

- Course Number: 4003
- Course Length: two trimesters
- Credits: 1
- Periods/Week: 5
- Open To: 9, 10, 11, 12

Students will learn Spanish conversation, vocabulary, grammar and culture with emphasis on proficiency in communication. Students will be asked to interpret authentic listening & reading passages; conduct spontaneous & practiced conversations and surveys; write stories, monologs and dialogs; present information orally; tell stories; and translate stories to English. Students who elect to study Spanish should plan to do daily homework and memorization of vocabulary, grammar concepts and cultural information and should have a strong grounding in English grammar.

French II

Course Number:	4004
Course Length:	two trimesters
Credits:	1
Periods/Week:	5
Open To:	9, 10, 11, 12

Students should come into this course with a well-established working and a sound understanding of verb conjugation and sentence structures. This course is a continuation of French I with emphasis on learning basic French vocabulary, tenses and structures. Students are encouraged to think in the language through questions and answers and basic conversation. Practice in class is used to strengthen listening and speaking skills.

Prerequisite: 75% or better in French I or teacher recommendation

Latin II

Course number:	4006
Course Length:	two trimesters
Credits:	1
Periods/Week:	5
Open To:	9, 10, 11, 12

This course continues the systematic presentation of Latin grammar. Grammatical and syntactical points are presented quickly and in profusion. A thorough mastery of material from Latin I is presumed. Attention is given to comparing ancient and modern ways of life, the study of Latin roots in English words, and drawing parallels between English and Latin grammar. A dictionary is recommended.

Prerequisite: 75% or better in Latin I or teacher recommendation.

Spanish II

Course Number:	4007
Course Length:	two trimesters
Credits:	1
Periods/Week:	5
Open To:	9, 10, 11, 12

This course is a review and intensive continuation of Spanish I. Students will continue to acquire Spanish language skills through the following modes of communication: interpersonal speaking, interpretive reading and listening, and presentational speaking and writing in real-world situations. Intensive vocabulary and grammar structures will be studied through various global and cultural themes in the Spanish-speaking world. A workbook and several readings are required.

Prerequisite: 75% or better in Spanish I or teacher recommendation

French III

Course Number:	4008
Course Length:	two trimesters
Credits:	1
Periods/Week:	5
Open To:	9, 10, 11, 12

Students entering this course should have a thorough understanding of the past, present and near future tenses as well as a strong vocabulary base. This course completes the basic grammar and develops an understanding of French culture through literary selections. Students continue to develop listening and speaking skills through class practice.

Prerequisite: 75% or better in French II or teacher recommendation

Latin III

Course Number:	4010
Course Length:	two trimesters
Credits:	1
Periods/Week:	5
Open To:	9, 10, 11, 12

This course completes grammar and syntax and reviews it through translation and composition. It presumes the ability to translate Caesar with the use of a dictionary. It furthers the student's exposure to Roman thought and culture through careful translation of the writings of Caesar. A dictionary is required.

Prerequisite: 75% or better in Latin II or teacher recommendation

Spanish III

Course Number:	4011
Course Length:	two trimesters
Credits:	1
Periods/Week:	5
Open To:	10, 11, 12

This is an intensive course with emphasis on speaking, reading, writing and listening. Student will be evaluated after each chapter on being able to use what has been taught in an authentic every day situation in all four modes abovementioned. Class is conducted in Spanish and some English from day one. Emphasis on the use of the indicative tenses- brief review on their construction will occur. Greater emphasis on the study of compound tenses, progressive tenses and the subjunctive is to be expected. Students read an intermediate novel and several short stories. Some Latin American history is covered, frequent quizzes, projects, tests are given and expect daily homework. A workbook, novel, 3x5 cards, binder, binder dividers, and other materials will be required.

Prerequisite: 75% or better in Spanish II or teacher recommendation

French IV

Course Number:	4012
Course Length:	two trimesters
Credits:	1
Periods/Week:	5
Open To:	9, 10, 11, 12

This course emphasizes the reinforcing of basic vocabulary, grammar, and structures in a conversational approach. Students read and analyze short stories, prepare skits, and write dialogues. They write and speak about their everyday life, and on topics related to the reading selections. They study the geography, customs and everyday life of France. They research the French provinces and learn about their resources, customs and cuisine. They also read a variety of short stories. This class is conducted almost entirely in French and the emphasis is on conversation and oral fluency.

Prerequisite: 75% or better in French III or teacher recommendation

Latin IV

Course Number:	4014
Course Length:	two trimesters
Credits:	1
Periods/Week:	5
Open To:	9, 10, 11, 12

This course is a prelude to and preparation for AP Latin V. As such, focus will be on studying Vergil's Aeneid and Caesar's Gallic Wars. Ability to read Golden Age Latin with a dictionary is presumed. Other Golden Age Roman authors will be read, as time permits. A dictionary is required.

Prerequisite: 75% or better in Latin III or teacher recommendation

Spanish IV

Course Number:	4015
Course Length:	two trimesters
Credits:	1
Periods/Week:	5
Open To:	9, 10, 11, 12

This is an extensive and intensive course with emphasis on speaking, reading, writing and listening. Students will be evaluated after each chapter on their ability to use what was taught in an authentic every day situation in all four modes abovementioned. Students must be able to conjugate in the five basic indicative tenses with an above average competence. Knowledge of vocabulary from the previous three years is expected. Further reviews of the progressive, compound and subjunctive tenses will be conducted. Emphasis will be on developing the ability to think in the language through the reading of authentic resources, writing, listening and speaking activities dealing with the chapter themes. The class is primarily conducted in Spanish, especially in part B, and students will be required to speak Spanish to both the teacher and other students in their assigned groups. Some Spain history is covered. Frequent quizzes, projects, and tests are given, and expect daily homework. Workbook, 3x5 cards, binder, binder dividers, and other materials will be required.

Prerequisite: 75% or better in Spanish III or teacher recommendation

A.P. French

Course Number:	4016
Course Length:	two trimesters
Credits:	1
Periods/Week:	5
Open To:	9, 10, 11, 12

This is a continuation of French IV with an emphasis on oral fluency. The course is conducted almost entirely in French. It will prepare students for the Advanced Placement test, with advanced grammar, listening, speaking, and writing exercises. The class is divided into 7 different thematic units, which parallel the AP test. Among other things, students will read, analyze and discuss texts from Francophone countries and will discuss global events. A workbook is required for this course.

Prerequisite: 80% or better in French IV or teacher recommendation

A.P. Latin

Course Number:	4018
Course Length:	two trimesters
Credits:	1
Periods/Week:	5
Open To:	9, 10, 11, 12

This course prepares students for the A.P. Latin exam and for college placement tests. It presumes the ability to read Vergil and Caesar with a dictionary. Heavy emphasis is placed upon translation, textual analysis, scansion of dactylic hexameter, literary devices, and the writing of essays based upon the Latin text of Aeneid and of Caesar's Gallic Wars. Dictionary required.

Prerequisite: 80% or better in Latin IV or teacher recommendation

A.P. Spanish

Course Number:	4019
Course Length:	two trimesters
Credits:	1

Periods/Week: 5
 Open To: 9, 10, 11, 12

This is an intensive course conducted almost entirely in Spanish from day one, and students are required to speak Spanish to the teacher and other students at all times. Emphasis will be on reading different authentic materials and preparing for the Spanish AP exam. Composition/creative writing, simulated conversation/recordings, videotaped presentations/role plays, listening activities, frequent quizzes/tests, and daily homework is to be expected. Review of certain grammar concepts and an emphasis on the subjunctive will be conducted. Preparation for the AP exam or other placement test will drive the curriculum of this course with concentration being on the world language themes. AP workbook, novel, 3x5 cards, binder, binder dividers, and other materials will be required, as well as a pre-trimester assignment.
 Prerequisite: 80% or better in Spanish IV or teacher recommendation

COURSE PLANNING GUIDE

Students are encouraged to plan carefully a program of studies that will assist them in reaching their educational goals. It is important that students select courses to fit their career plans. It is suggested that they:

1. review all the curricular requirements for graduation
2. read the information presented about each department
3. complete this course planning guide, paying particular attention to graduation requirements and career goals
4. know and understand the recommended college preparatory curriculum
5. review and understand the opportunities offered through the Cuyahoga Valley Career Center
6. consider the curricular and other requirements for the Honors Diploma

FRESHMAN YEAR			
	English 9		1.00
	Science		1.50
	Math		1.00 / 1.50
	9th History		1.00
	Computer Literacy		.50
	Personal Finance		.50
	Physical Education		.25
	Health		.50

COURSE PLANNING GUIDE – CONTINUED

SOPHOMORE YEAR

	English 10		1.00
	10th History		1.00 / 1.50
	Math		1.00 / 1.50
	Physical Education		.25
	Science		1.00
	Health		.50

JUNIOR YEAR

	English 11		1.00
	Math		1.00
	Science		1.00
	Social Studies		1.00 / 1.50

SENIOR YEAR

	English 12		1.00
	Government		.50 / 1.00
	Social Studies Elective		1.00
	Math		1.00

SCHEDULE NOTES

Period	1st Trimester	2nd Trimester	3rd Trimester
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1st Period			
2nd Period			
3rd Period			
4th Period			
5th Period			