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BLUFFTON HIGH SCHOOL
COURSE DESCRIPTION GUIDE - 2012-2013

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INTRODUCTION

This course selection guide supplies information concerning the subjects offered each grade level and the requirements necessary for graduation. The pupil and parent need to consider graduation requirements, individual interest and aptitudes, and post high school plans when selecting courses.

Each year brings about some changes in the curriculum for the following year. Therefore, it is recommended that one look over the Course Selection Guide very carefully. Due to changes, one may find that previous course planning will have to be re-evaluated. Each student should confer with the guidance counselor in preparing a tentative four-year planning sheet for future reference and in keeping it up-to-date.

The counselor and administrator will be glad to work with you on any questions that you may have in regard to your son's or daughter's schedule.

All courses required for graduation must be taken during the regular school year. These courses may be retaken in summer school only upon the approval of the principal and only if the course was previously failed or if the grade received is not satisfactory for continuation into a higher level course. It is the responsibility of the student to make sure all requirements for graduation are met.

All schedule changes for the following year should be made during the month of May unless the change is recommended by a teacher and/or guidance counselor.

In conclusion, we would like to again emphasize the importance of arriving at the proper academic schedule for your son or daughter. This, in turn, will help to keep schedule changes to a minimum and maximize individual options.

I GRADUATION REQUIREMENTS

CURRENT BLUFFTON HIGH SCHOOL REQUIREMENTS

1. English – Four (4) credits
2. Math – Three (3) credits
3. Science – Three (3) credits
Must include One (1) credit
of Biological Science and One
(1) credit of Physical Science

BLUFFTON HIGH SCHOOL GRADUATING CLASSES 2014 AND AFTER REQUIREMENTS

1. English – Four (4) credits
2. Math – Four (4) credits (must include 1 unit
of Algebra II or the equivalent of Algebra II)
3. Science – Three (3) credits
Must include One (1) credit
of Biological Science and One
(1) credit of Physical Science

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| <p>4. Social Studies-Four (4) credits One (1) credit each of the following: World History, American History, American Government, one-half (1/2) credit Sociology and one-half (1/2) credit of Economics</p> <p>5. Physical Education – One-half (1/2) credit</p> <p>6. Health – One half (1/2) credit</p> <p>7. Electives – Six (6) credits from the following classes: Business/Technology, Fine Arts, Foreign Language, Home Ec.</p> | <p>4. Social Studies – Four (4) credits One (1) credit each of the following: World History, American History, American Government, one-half (1/2) credit Sociology and one-half (1/2) credit of Economics</p> <p>5. Physical Education – One-half (1/2) credit</p> <p>6. Health – One-half (1/2) credit</p> <p>7. Electives – Five (5) credits</p> |
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TOTAL CREDITS: Twenty (21)

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The following 3 items immediately below apply only to students graduating in 2014 or after

1. Mathematics credits must include 1 credit of algebra II or the equivalent of algebra II.
2. Science credits must include 1 credit of physical sciences, 1 credit of life sciences and 1 credit of advanced study in one or more of the following sciences: chemistry, physics, or other physical science, advanced biology or other life science; astronomy, physical geology, or other earth or space science.
3. All students must receive instruction in economics and financial literacy during grades 9-12 and must complete at least 2 semesters of fine arts taken any time in grades 7-12.

II. Bluffton High School students enrolled in an approved Vocational School: (20 Credits)

- A. Four credits of English
- B. Three credits of Social Studies, (one credit of World History, one credit of American History, one credit of American Government)
- C. Three credits of Math **(Becomes four credits in 2014)**
- D. Three credits of Science
- E. One-half credit of Physical Education
- F. One-half credit of Health
- G. Six credits of Elective (Academic or Vocational) **(Becomes five credits in 2014)**
- * **Graduating classes at Apollo - 2014 and after will not have a fine arts requirement.**

III. Bluffton High School students enrolled in Occupational Work Experience: (20 Credits)

- H. Four credits of English
- I. Three credits of Social Studies (One credit of World History; One credit of American History, one credit of American Government)
- J. Three credits of Math **(Becomes four credits in 2014)**
- K. Three credits of Science
- L. One-half credit of Physical Education
- M. One-half credit of Health
- N. Six credits of Electives **(Becomes five credits in 2014)**

Alternative Way to Meet the Testing Requirements for 2014 and after

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

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

APOLLO ADMISSION REQUIREMENTS

Unconditional Admittance: (Effective for students entering Apollo in the fall of 2010 and 2011)

A minimum of seven (7) total credits in academic courses required by the State of Ohio for a high school diploma (commonly known as the Ohio Core), consisting of: Two (2) English credits, One (1) Math credit, One(1) Science credit, One (1) Social Studies credit, and Two (2) additional state required courses.

Unconditional Admittance: (Effective for students entering Apollo in the fall 2012 or after)

A minimum of eight (8) total credits in academic courses required by the State of Ohio for a high school diploma (commonly known as the Ohio Core), consisting of: Two (2) English credits, Two (2) Math credits, One (1) Science credit, One (1) Social Studies credit, and Two (2) additional state required courses.

Summer school credits earned after the end of the tenth grade count towards admittance, as long as the local school records the credit on the student transcript no later than one week before the opening of the Apollo high school year.

CREDITS EARNED OUTSIDE OF BLUFFTON HIGH SCHOOL

Transfer units of credit will be accepted from other accredited high schools as shown on approved and official transcripts.

Any credit earned while a student is enrolled in Bluffton High School but taken outside of the regular school must be approved by the principal and superintendent before the class begins. These shall fall into one of the following categories but shall not exceed more than two (2)

units of credit, unless approved by the principal and superintendent because of a unique set of circumstances. Students must submit to the principal written parental approval before participation in such programs will be considered. All expenses incurred shall be the sole responsibility of the student.

All of the procedures for earning credit listed below will be undertaken only after a student has failed to meet the requirements for credit in a regularly scheduled program at Bluffton High School.

- a. Summer School – students may take a course in a summer school if such a summer school is accredited by the state Board of Education.
- b. Tutorial Credit – students may receive credit for a course taught privately by a properly certified teacher provided they meet with the teacher a minimum of twenty (20) clock hours and be assigned an additional forty (40) hours for each unit of credit. The tutor must submit to the principal prior to pupil participation an instructional plan including objectives and an outline of activities including materials and a description of criteria and methods for assessing pupil performance. The tutor must submit a record of all work to the principal in writing showing the clock hours met and the quality of work accomplished.
- c. Correspondence credit – students may receive credit from an approved correspondence school only in extreme cases and the principal deems it necessary because of irrevocable schedule conflicts. A certified teacher or counselor shall monitor pupil performance in correspondence courses.

STATE BOARD OF EDUCATION APPROVED CRITERIA: DIPLOMA WITH HONORS

The student who completes the high school academic curriculum shall meet at least seven of the following eight criteria:

1. Earn four units of English;
2. Earn at least four units of mathematics which shall include algebra I, algebra II, geometry and another higher level course or a four-year sequence of courses which contains equivalent content;
3. Earn at least four units of science including one unit of physics and one unit of chemistry;
4. Earn four units of social studies;
5. Earn either three units of one foreign language or two units each of two foreign languages;
6. Earn one unit of fine arts;
7. Maintain an overall high school grade point average of at least 3.5 on a four-point scale up to the last grading period of the senior year; or
8. Obtain a composite score of 27 on the American college test's ACT assessment (excluding the optional writing test) or a combined score of 1210 on the College Board's SAT verbal and mathematics sections (excluding the required writing section).

The student who completes an intensive career-technical education curriculum shall meet at least seven of the following eight criteria:

1. Earn four units of English;
2. Earn at least four units of mathematics which shall include algebra I, algebra II, geometry and another higher level course or a four-year sequence of courses which contains equivalent content;
3. Earn at least four units of science including one unit of physics and one unit of chemistry;
4. Earn four units of social studies;
5. Earn four units in a career-technical education program that leads to an industry-recognized credential, results in an apprenticeship or is part of an articulated career pathway, which can lead to post secondary credit. If the student's program design does not provide for any of these outcomes, then the student must achieve the proficiency benchmark established for the applicable Ohio career-technical competency assessment or the equivalent;
6. Achieve the proficiency benchmark established for the Ohio Career-Technical Competency Assessment (available at http://www.webxam.org/info_docs.asp, with additional content available by clicking [here](#)) or equivalent assessment aligned with state-approved and industry validated technical standards; or
7. Maintain an overall high school grade point average of at least 3.5 on a four-point scale up to the last grading period of the senior year; or
8. Obtain a composite score of 27 on the American college testing service's ACT assessment (excluding the optional writing test) or a combined score of 1210 on the college board's SAT verbal and mathematics sections (excluding the score obtained on the required writing section).

Effective with the Class of 2011

STATE BOARD OF EDUCATION APPROVED CRITERIA: AWARD OF MERIT

The requirements listed below have been adopted for the Award of Merit. This certificate will be awarded by the State Board of Education to all those who meet the criteria specified in **A and C or B and C below.**

A. *College Prep Requirements* – complete the following minimum requirements:

1. English – 4 units
2. Mathematics – 3 units (Must include 1 unit of algebra and 1 unit of geometry.)
3. Science – 3 units (Must include 2 units from among biology, chemistry and physics.)
4. Social Studies – 3 units (Must include 2 units of history and ½ unit of government.)
5. Foreign Language – 3 units (i.e., 3 units of one language or 2 units each of two languages.)
6. Complete 2 units from one or more of the following, or 2 additional units from one or more of the areas listed A.1 through A.5 above.
 - a. Business
 - b. Computer Science
 - c. Visual or Performing Arts

B. *Career-Technical Curriculum Requirements*

1. Complete a career technical occupational preparation program
2. Complete the following curriculum requirements
 - a. English – 4 units
 - b. Mathematics – 3 units
 - c. Science – 3 units
 - d. Social Studies – 3 unitsApplied academic credits earned via career-technical education shall apply to the criteria for the Award of Merit.
3. Complete two units from one or more of the following, or two additional units from one or more of the areas listed in B.2 above.
 - a. Business
 - b. Computer Science
 - c. Foreign Language
 - d. Visual or Performing Arts

C. Performance Criteria (applies to both curricula)

1. Maintain above average attendance for grades nine through 12 (compared to a rolling four-year state average). For 2009, the four-year state average is 94.20 percent attendance.
2. Demonstrate outstanding achievement in the curriculum as evidenced by one of the following: earning the equivalent of an overall grade point average of 3.25 on a four point scale for grades 9 through 12; or ranking in the top 25 percent of the class, whichever is more inclusive.
3. Participate in co-curricular, extracurricular or community activities in accordance with procedures established by the district board of education. This would require at least 1 activity each year.
4. Demonstrate outstanding citizenship/character traits in accordance with criteria established by the district board of education.

CLASS LEVEL ASSIGNMENT

Grade level assignment is determined by the number of units a pupil has earned. The minimum number of units required for assignment to each grade level above the ninth grade is as follows:

Grade 10	5 units required
Grade 11	11 units required
Grade 12	16 units required
Graduation	21 units required

CLASS LOAD

Every student must be enrolled in a minimum of six (6) periods per school day.

All freshmen must take physical education and health.

EARLY GRADUATION

Students wishing to graduate at the end of their junior year or at the end of their first semester, senior year, will be allowed to do so only if the following criteria is met:

- Approval of early graduation must be given by parents and the high school principal
- A written request for early graduation must be submitted to the Guidance Counselor before the beginning of the first semester of the student's junior year
- Request for summer school, tutorial, or correspondence school credit simply to facilitate early graduation will not be approved.

SCHEDULE CHANGES

All schedules must be finalized by May 16th. Once a schedule is finalized, students will not be permitted to add or drop a class unless there is an academically sound reason. After one (1) week in class, a student withdrawing from the class withdraws failing and it will appear on the permanent record, unless the drop is instituted by a faculty member. No student may add a course after the fifth (5th) day of the class.

EDUCATIONAL OPTIONS

For those students who possess exceptional skills or talents, program options to the standard curriculum may be available. Involvement in the program options must be approved by the principal and superintendent.

- Post-Secondary Enrollment – for those students who possess exceptional skill or talents, program options to the standard curriculum may be available.
- The Post-Secondary Enrollment Options Program has been established to permit high school students in grades nine through twelve to earn college and high school graduation credit through the successful completion of college courses. This program is intended to provide expanded opportunities for appropriately qualified high school students to experience course work at the college or university level. Any high school student admitted to a course by an institution of higher education will be expected and required to perform at the same level as the institution's regular students.

NONDISCRIMINATORY POLICY

Courses in the Bluffton Exempted Village Schools are available to all students regardless of race, religion, national or ethnic origin, sex, age, or handicap.

DEPARTMENT COURSE DESCRIPTIONS

TECHNOLOGY DEPARTMENT

115	Computer Technology I One Year Course	Credit – 1 Unit Elective: 9-12	Pre-requisites: None
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Computer Tech I is a full-year course that goes into more advanced detail of word-processing, spreadsheets, slide presentations, publishing, safe e-mailing, website building, website applications, digital imaging and enhancement, internet applications, search engines, computer operation, movie making, audio editing. Added also are applications of simple JavaScript that are used in more advanced web page design, and digital animation. The course is constantly changing to meet more of "real-world" situations.

118	Integrated Multimedia One Year Course	Credit – 1 Unit Elective: 10-12	Pre-requisites: None
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This experimental year-long course is a video-production course and will involve all the aspects of producing "professional quality" audio/video from planning, filming, editing and anchoring the news. We hope to use skills learned for broadcasts of school news, special events, and other hands-on experiences such as creating animated movies and/or commercials and/or other animations and programs that could prepare students for future careers. Students will need to be able to work on a timeline in small groups and self-paced on projects given by the instructor. Each student will gain experience in creating a personal website and how media is added to it. Other items may be added throughout the year. We are constantly striving for "real-world" situations.

119	Programming & Robotics One Year Course	Credit – 1 Unit Elective: 10-12	Pre-requisites: None
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Building upon the skills and concepts presented in web programming development, students will learn to use more advanced web techniques such as JavaScript and web enhancements including Macromedia Flash. Students will apply multimedia, authoring, screen design and courseware design skills to the development of web pages. Students will experiment with building VEX robots and the computer programming techniques used to manipulate them. Another part of this course will involve the skills and techniques of creating and programming games. Other items may be added throughout the year. This class is constantly striving for "real-world" situations.

BUSINESS DEPARTMENT

130	Intro to Business/Accounting One Year Course	Credit – 1 Unit Elective: 11-12	Pre-requisites: None
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Introduction to Business/Accounting will provide students with a look at various aspects of business organizations and provide students with an understanding of fundamental accounting concepts. Students will learn the basics of analyzing and recording business transactions that can help to prepare them for further studies in the business field. This is a full-year course open to juniors and seniors.

FINE ARTS DEPARTMENT

ART

150	Art I One Year Course	Credit – 1 Unit Elective: 9-12	Pre-requisites: None
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This is an introductory course providing the students with experiences in many different media each year. Techniques and procedures in using various materials are introduced to students to provide a chance to explore and later select some specific areas of interest.

151	Art Design/Comp One Year Course	Credit – 1 Unit Elective: 10-12	Pre-requisites: Art I
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Design and Composition: A studio exploration of the elements of design, and the principles of design to help students perceive and create artwork with emphasis upon composition. A variety of materials will be used to individually design in two dimensions. Techniques using transparent and opaque watercolor, acrylic, canvas painting, photography, pencil and charcoal, and printmaking techniques will be explored.

152	Art Ceramics/Sculpture One Year Course	Credit – 1 Unit Elective: 10-12	Pre-requisites: Art I
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Ceramics: Extensive techniques in using clay will be studied. Clay exploration and hand building such as modeling slab, coil, and combinations to create figures, portraits, and animal forms will be considered along with exploring mechanical techniques.
Sculpture: This part of the course will explore various 3-D sculptures with materials such as plaster, styrofoam, cardboard, grout, cement, and yarn.

153	Art Seminar One Year Course	Credit – 1 Unit Elective: 12	Pre-requisites: 3 Units of Art
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This course is designed for the serious student who has taken three or more years of art or who has submitted a portfolio of his/her work, and who has the approval of the art department chairperson. Students will work in advanced problems of art according to their individual interests.

154	Art Ceramics/Sculpture II One Year Course	Credit – 1 Unit Elective: 11-12	Pre-requisites: Art Ceramic/Sculpture
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This course is designed for students serious in expanding their knowledge and skills in ceramics and sculpture. Students will work with the teacher to complete contracts that state what will be accomplished each nine weeks. A variety of ceramic techniques and sculpture media can be explored.

161	Photography One Year Course	Credit – 1 Unit Elective: 11-12	Pre-requisites: None
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This is an introductory course aimed at exploring the art of photography. Students will learn how to operate a 35mm camera and digital cameras to enhance their picture taking abilities and create movies. Students will also learn how to create outstanding final prints by using spot toning, dodging, burning, and other various techniques. Students will complete a final portfolio filled with photos and handouts so they may refer to them after the course is complete. A manual 35mm camera is highly recommended but not required.

162	Advanced Photography One Year Course	Credit – 1 Unit Elective: 12	Pre-requisites: Photography
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This course is an extension of photography. At the recommendation of the instructor, students will be adding to their base knowledge that they received from Photography. Advanced photography will include continued development of taking photos, creating various sizes of prints, combining photos for different effects, using the computer to enhance and create photos, and advanced movie making.

163	Art Design/Comp II One Year Course	Credit – 1 Unit Elective: 11-12	Pre-requisites: Art Design/Comp
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This course is an extension of Design/Composition. This course will include in depth study of the elements of art, principles of design, and composition and how they relate to artwork. A sketchbook will be kept by each student which will contain weekly drawing assignments. Projects will be discussed individually to enhance the strengths of each student.

164	Mural Painting One Year Course	Credit – 1 Unit Elective: 11-12	Pre-requisites: Art I
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Students who sign up for this course will be evaluated and only a few artistic, trustworthy students will be selected to participate in this independent study course. Students who are selected will be leaving behind their artistic mark by beautifying specified areas. They will be using their creativity to paint a variety of murals in various locations. Students will study mural painters, explore various techniques in mural painting and research the preservation of murals.

165	Art Ceramics/Sculpture III One Year Course	Credit – 1 Unit Elective: 12	Pre-requisites: Ceramics II
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This course is designed to expand on the knowledge that has been accumulated through participation in Ceramics/Sculpture and Ceramics/Sculpture II. Broad guidelines will be given for students to use their own creativity in every project.

MUSIC DEPARTMENT

155	Music Theory One Year Course	Credit – 1 Unit Elective: 11-12	Pre-requisites: None
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This course is designed to enhance a student's working knowledge of the inner-workings of music. It will develop skills of ear-training, scale development, interval recognition, composition, aural dictation, score analysis and calligraphy. It will further develop the student musician's sense of rhythm and pitch. It will also develop a better understanding of music in general. This class is especially encouraged for, but not limited to, student musicians who are thinking about pursuing a career in music.

156	Concert Choir One Year Course	Credit – 1/2 Unit Elective: 10-12	Pre-requisites: Previous Choir Member
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The Bluffton High School Concert Choir is a mixed ensemble consisting of approximately 80 balanced voices. No more than 40 female voices or 40 male voices can be permitted into High School Concert Choir due to balance for adjudicated events. High School Concert Choir performs a wide variety of choral repertoire at the following concerts: Fall, Christmas, Chicken Barbeque, and Spring concerts, various choral festivals and adjudicated events. Participation in all performances is mandatory for all choir students. High School Choir is designed to further develop students vocal skills in the following areas: sight-reading, rhythm reading, pitch matching, correct breath control, tone quality, vocal blend and increasing the vocal range.

158	Band One Year Course	Credit – 1/2 Unit Elective: 9-12	Pre-requisites: Previous Band Membership
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This course is designed to present to the student musician a variety of music, and will present varied opportunities for public performance. It will further develop and refine the student musician's sense of rhythm and pitch, technical ability, and tone quality. It will further develop and refine marching band and small ensemble skills. Band will encourage an enjoyment of instrumental performance that does not stop at high school graduation, but continues through the individual's life. A student must be registered in band class in order to participate in Jazz Band, Pep Band, Pit Orchestra, or Marching Band.

Because of simultaneous performances, football players only are allowed to be in the concert band without participation in the marching band.

160	Freshmen Choir One Year Course	Credit – 1/2 Unit Elective: 9	Pre-requisites: None
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The Bluffton High School Freshmen choir is a mixed ensemble consisting of boys and girls in the 9th grade. Freshmen choir performs a wide variety of choral literature at the following concerts: Fall, Christmas, Chicken BBQ, and Spring Concerts. Participation in all performances is mandatory for all choir students. Freshmen choir is designed to further develop students

vocal skills in the following areas: sight-reading, rhythm reading, pitch-matching, correct breath control, tone quality, vocal blend and increasing the vocal range.

HEALTH AND PHYSICAL EDUCATION DEPARTMENT

201	Physical Education Semester Course	Credit – ¼ Unit Required: 9	Pre-requisites: None
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The physical education classes include units on tennis, basketball, team handball, badminton, volleyball, outdoor recreation, physical fitness and weightlifting. Includes units on sports history
Pass/Fail

202	Health Semester Course	Credit – ½ Unit Required: 9	Pre-requisites: None
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Health is a required course for all ninth graders. The primary emphasis is in the areas of body systems, nutrition, and mental health with a secondary emphasis on communicable diseases, fitness, chemical dependency and human sexuality.

Effort is made to make the course relevant to the student through textbooks, articles, speakers and independent research projects.

INDUSTRIAL TECHNOLOGY DEPARTMENT

250	Industrial Tech I One Year Course	Credit – 1 Unit Elective: 9-12	Pre-requisites None
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Students will be instructed on the design and building of projects in many areas of the Industrial Technology Field.

The first quarter, students will be required to use drafting equipment to complete drafting assignments. This portion is a “hands-on” adventure into the common and correct techniques used in the drafting world.

Students will then be required to build three predetermined group wood projects. Many of the basic woodworking machines will be discussed and demonstrated before the students may use them. Once the two required projects have been constructed, students may use their time to construct a “students choice” project.

The third quarter, students will learn of the many techniques and machines used in the metalworking field. They will be required to build a sheet metal project and an Arc welding project.

The fourth quarter is a fun “students choice” project or group project. An example of one: we discuss the inner workings of an automobile. Each student will then build a mousetrap car which will compete against the other cars in their class.

Throughout the year students will be taught the safe and correct use of many woodworking and metalworking tools and machines. Students will view a demonstration on each machine and take a safety test.

251	Industrial Tech II One Year Course	Credit – 1 Unit Elective: 10-12	Pre-requisites: IT I
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This course is intended to expand student knowledge in the woodworking field.

Students will gain knowledge of various woodworking techniques such as: wood identification and woodworking joints while building at least one major project of their choosing. The course is structured as a total hands-on learning environment where students learn through “doing” as opposed to “reading” about it.

Instruction over more in-depth woodworking machines such as the Wood Lathe, Table Saw, Miter Saw, and Mortise Drill will be covered throughout the year.

252	Industrial Tech III One Year Course	Credit – 1 Unit Elective: 10-12	Pre-requisites: IT I
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The first portion of the class will be an in-depth learning experience in Metalworking. Instruction over the Oxyacetylene Torch, Metal Lathe, and MIG Welder will be introduced. Students will have assigned projects they are to build using previously learned metalworking machines and the three introduced this year.

The second portion of the class will be manufacturing. Students in the class will form the Bluffton Industrial Technology Club (BITC) and twice throughout the year we will design, plan, construct and sell mass produced projects.

The third portion of this class will be an independent study. Students will choose a project to build and instructor will offer assistance on an as-need basis.

253	Industrial Tech IV One Year Course	Credit – 1 Unit Elective: 12	Pre-requisites: IT II or IT III, and Permission from Instructor
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This class is an independent study for senior students who have successfully completed IT I and either IT II or IT III. They may utilize all areas of the Industrial Technology Department to fabricate advanced projects of their choosing.

ENGLISH DEPARTMENT

300	English 9 One Year Course	Credit – 1 Unit Required: 9	Pre-requisites None
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English 9 is a required, one-credit course for ninth graders. The student will study mechanics and styles of writing, vocabulary, written composition, and numerous literature selections. The

goals of English 9 are to develop the student's writing skills and to present an overview of general literary works, both classical and contemporary.

301	English 10 One Year Course	Credit – 1 Unit Required: 10	Pre-requisites English 9
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English 10 is a required, one-credit course for tenth graders. As well as studying a variety of literary works, students will explore various writing models. The goals of this course are two-fold: to develop students' communications skills and to present an overview of American literature.

302	College Prep English 11 One Year Course	Credit – 1 Unit Elective: 11	Pre-requisites: English 10
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English 11 is a one-credit course for eleventh graders. As well as studying the development of English literature and language, the students will study a variety of literary works. The goals of this course are two-fold: to develop the student's language arts skills, especially communication, and writing skills.

303	Great Works I Semester Course	Credit – ½ Unit Elective: 11 and 12	Pre-requisites: English 10
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This class is a semester elective for juniors and seniors. Students will read a variety of novels and other classical literature. The class will consist mainly of class discussion and participation and also various forms of writing assignments based on the reading. This course cannot be counted toward the four-required English credits needed to graduate.

304	Great Works II Semester Course	Credit – ½ Unit Elective: 12	Pre-requisites: Great Works I
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This class is a semester elective for seniors who have already completed Great Works I. Students will read a variety of novels and other classical literature. The class will consist mainly of class discussion and participation and also various forms of writing assignments based on the reading. This course cannot be counted toward the four required English credits needed to graduate.

305	English 11 One Year Course	Credit – 1 Unit Elective: 11	Pre-requisites: English 10 and Guidance Counselor Approval
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English 11 is a full year course for eleventh graders who are planning to enter the world of work rather than pursue post-secondary coursework. The course is a combination of literature and composition, but the emphasis is on preparation for a lifetime of work. Placement in the course will be by principal/guidance counselor/teacher recommendation.

306	Modern Works I Semester Course	Credit – ½ Unit Elective: 11 and 12	Pre-requisites: None
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This class is a semester elective for juniors and seniors. Students will read a variety of modern literature. The class will consist mainly of class discussion and participation and also various forms of writing assignments based on the reading. This course cannot be counted toward the four-required English credits needed to graduate.

307	Modern Works II Semester Course	Credit – ½ Unit Elective: 12	Pre-requisites: Modern Works I
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This class is a semester elective for seniors who have already completed Modern Works I. Students will read a variety of modern literature. The class will consist mainly of class discussion and participation and also various forms of writing assignments based on the reading. This course cannot be counted toward the four-required English credits needed to graduate.

312	College Prep English 12 One Year Course	Credit – 1 Unit Elective: 12	Pre-requisites: Students must have passed English 11 to take this course
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College Prep English is a full year course intended for twelfth grade students who are planning to attend a four-year liberal arts college or who plan to major in an English related field (i.e. journalism, communications, English education, etc.) This course is a combination of writing and literature. The students will write various types of essays as well as a research paper. The students will also explore universal themes expressed in a variety of literary forms.

316	Buccaneer One Year Course	Credit – 1 Unit Elective: 11-12	Pre-requisites: Passing grade in English 10 and/or English 11, Instructor Approval
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Buccaneer is an elective course for juniors and seniors. Students are selected through an application process, and then remain on staff for both junior and senior years. One credit applicable as English credit is awarded for the completion of the year-long course. This English credit, however, cannot be used as one of the four required English credits needed to graduate. Buccaneer is a year-long laboratory and study course, the main purposes of which are to produce a quality yearbook according to current standards and to teach students those skills required for this production.

317	English 12 One Year Course	Credit – 1 Unit Elective: 12	Pre-requisites: Guidance Counselor Approval
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English 12 is a full year course intended for twelfth grade students who are planning to attend a two-year program, or enter the workforce after graduation. This course is a combination of composition and literature, with emphasis on writing for life situations and reading

comprehension. The students will write various types of essays as well as research papers. The students will explore universal themes expressed in a variety of literary forms.

FOREIGN LANGUAGE DEPARTMENT

LATIN

325	Latin I One Year Course	Credit – 1 Unit Elective: 9-12	Pre-requisites: None
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This course is designed to acquaint the student with the basic structure of Latin and to learn enough vocabulary to be able to translate with comparative ease; to explore the ways a large part of the English vocabulary has been derived from Latin; to learn about the culture and mores of the ancient Romans; and to develop an awareness of the relevance of a study of Latin to our everyday living. The student is advised to have a good comprehension of English grammar.

326	Latin II One Year Course	Credit – 1 Unit Elective: 9-12	Pre-requisites Latin I
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This course is designed to continue learning the structure of Latin and to enable the student to translate more difficult passages; to learn more about the culture and mores of the Romans; to continue learning English words derived from Latin; to learn something of the history and mores of the Greeks whose contribution to the Roman culture was significant; and to learn something of the art and the architecture of the ancient Greeks and Romans. Mythology will be introduced in more depth.

327	Latin III One Year Course	Credit – 1 Unit Elective: 10-12	Pre-requisites: Latin I & II Teacher Approval
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This course will concentrate on the reading of Latin writers. Greek and Roman history is explored more fully. Stories are part of the curriculum. Writers may include Cicero, Livy, Pliny, Ovid and Virgil. Must have at least a "C" average in Latin II

328	Latin IV One Year Course	Credit – 1 Unit Elective: 11-12	Pre-requisites: Latin I, II & III
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This course will concentrate on the reading of Latin writers; especially Ovid's Metamorphosis and Vergil's Aeneid. A special emphasis will be on mythology and poetry.

SPANISH

331	Spanish I One Year Course	Credit – 1 Unit Elective: 9-12	Pre-requisites: None
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Spanish I introduces novices to language study by teaching, listening, and speaking skills, as well as grammar and structural concepts. Knowledge and appreciation of Spanish speaking cultures is also developed.

332	Spanish II One Year Course	Credit – 1 Unit Elective: 9-12	Pre-requisites: "C" or higher in Spanish I
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This course broadens and deepens the student's knowledge of Spanish through development of a larger vocabulary, revision and building upon previously learned grammar concepts, reading and composition skills, as well as, knowledge and understanding of Latin American and Spanish cultures.

333	Spanish III One Year Course	Credit – 1 Unit Elective: 10-12	Pre-requisites: "C" or higher in Spanish II
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Emphasis in Spanish III is on increasing the fluency of speech to the level of useful conversation. There is focus on the current events, history, literature, and culture of Hispanic countries. Students will write compositions and translate from English into Spanish in the intermediate course.

334	Spanish IV One Year Course	Credit – 1 Unit Elective: 10-12	Pre-requisites: "C" or higher in Spanish III
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This course broadens and strengthens the student's ability to communicate in real – life situations. The course also challenges students with advanced grammar concepts. Cultural readings, writing and listening activities provide fundamental knowledge about such topics as Spanish travel and tourism, the media, and leisure and pastimes.

AMERICAN SIGN LANGUAGE

342	American Sign Language 3 One Year Course	Credit – 1 Unit Elective: 11-12	Pre-requisites: "C" average or better in ASL 2
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This course is the third year of American Sign Language as a foreign language. ASL 2 is a prerequisite for taking ASL 3. In this course students will continue to use the Signing Naturally Curriculum-Level 3 text/video with Units 18-25.

Each unit focuses on different language skills such as building narrative skills, developing conversational skills used in everyday discussions, explaining ideas or how things work and why things are the way they are. Students will also learn how to sign ASL from written text. More

exposure to ASL storytelling videos will boost their comprehension skills and expand their vocabulary. Non-manual behaviors, use of classifiers and role-play shift will be stressed.

MATHEMATICS DEPARTMENT

352	Algebra I One Year Course	Credit – 1 Unit Elective: 9-11	Pre-requisites None
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Algebra is considered the language of mathematics. It is the foundation of all the college-prep mathematics courses. A solid foundation is essential. In this course, the student will apply the fundamental operations of real numbers to solve equations with one and two variables. The student will be introduced to new topics which cover polynomials, laws of exponents and solving equations in one variable of degree greater than one. Radicals, inequalities, and various story problems that deal with motion, distance, age, consecutive integers are also covered. Linear equations and graphing will also be studied. This course is for all students who want to learn more than the four basic operations of mathematics.

353	Geometry One Year Course	Credit – 1 Unit Elective: 9-11	Pre-requisites Algebra I
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Geometry is the study of geometric figures in two and three dimensional space – their measurements, properties, and relationships. Some of these figures studied are points, lines, angles, triangles, other polygons, circles, and spheres.

By using the method of deductive reasoning, geometry can serve as a vehicle for stimulating and exercising general thinking skills and problem-solving abilities. It is a course which provides students with opportunities to look, compare, measure, guess, generalize, and abstract. Structured geometric activities present many opportunities for creativity and imaginative thinking.

Geometry is necessary for study in such fields as physics, astronomy, art, mechanical drawing, chemistry (for atomic and molecular structure), biology (for cell structure), and geology (for crystalline structure). Geometric skills are important in architecture and design, in engineering, and in various aspects of construction work.

354	Algebra II One Year Course	Credit – 1 Unit Elective: 10-12	Pre-requisites Geometry
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This course is an extension of the topics covered in Algebra I and Geometry. Topics that are included are real numbers, properties of polynomials, exponential, relations, graphing in a plane, solving equations with one or more variables and complex numbers. In addition, matrices, statistics, and trigonometry will be studied.

A graphing calculator is required and a TI-83 Plus or TI-84 Plus is recommended. Other acceptable calculators (TI-82, TI-85, TI-86). Not acceptable calculators (TI-80, TI-81, TI-89, TI-92).

355	Advanced Math Senior One Year Course	Credit – 1 Unit Elective: 11-12	Pre-requisites: Algebra II
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This course is an advanced mathematics course for students who would like a solid preparation for college mathematics, a review for College Board examinations, or simply further enrichment of their mathematical background.

This course shows how several branches of mathematics, like algebra and geometry, are intermixed to develop new, advanced mathematical concepts. Some of these concepts are functions, trigonometry, conic sections and advanced techniques of solving equations. At this level, the picture of the overall structure of mathematics comes into focus. Also, the topics of probability, sequences, and series will be touched on.

This course is required to advance towards such fields as accounting, electronics, engineering, or many of the sciences.

A graphing calculator is required and a TI-83 Plus or TI-84 Plus is recommended. Other acceptable calculators (TI-82, TI-85, TI-86). Not acceptable calculators (TI-80, TI-81, TI-89, TI-92).

356	Advanced Math Junior One Year Course	Credit – 1 Unit Elective: 11	Pre-requisites: Jrs. Acc. Alg. II
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This course is designed to immediately follow Accelerated Algebra II. It provides the student with a strong preparation for college level calculus. Practice in the fundamental skills of arithmetic, algebra, geometry, and trigonometry is provided while advanced topics are introduced and practiced. Topics studied include arithmetic series, geometric series, conic sections, roots of higher-order polynomial equations, functions, curve sketching (with and without a graphing calculator), polar and parametric equations, vectors, probability, and statistics. Real-world phenomena is modeled with a variety of functions and technology-based activities.

The student will need a graphing calculator in his possession daily. A graphing calculator is required and a TI-84 Plus is recommended. Any student with a TI-89 will not be allowed to use it on tests or quizzes. The students in this course will be encouraged, and expected, to participate in the mathematics competitions.

358	Integrated Math II One Year Course	Credit – 1 Unit Elective: 10-12	Pre-requisites: Algebra I
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Integrated Math II is a class, which presents mathematical concepts as a whole. It is an extension of Integrated Math I. Concepts presented within this framework are patterns, relations and functions, problem solving strategies, number and number relations, geometric and algebraic properties, measurement, estimation, data analysis, and probability.

359	Integrated Math III One Year Course	Credit – 1 Unit Elective: 11-12	Pre-requisites: Int. Math II or Geometry
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This course is designed to sharpen the skills of algebra and geometry and proceed forward with the more in-depth study of real numbers, polynomials, functions and relations, complex numbers, exponents, statistics, matrices and trigonometry if time allows.

360	Pre-Calculus One Year Course	Credit – 1 Unit Elective: 11-12	Pre-requisites: Advanced Math
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This course is designed to follow Advanced Mathematics. This course is for those students who are in need of a strong preparation for college level mathematics and/or review for College Board examinations, but are not candidates for an advanced course. Practice in the fundamental skills of arithmetic, algebra, geometry, and trigonometry is provided while advanced topics are introduced and practiced. Several concepts of mathematics, including several types of functions, trigonometry, vectors, parametric equations and motion, polar equations, discrete mathematics will be studied on an expanded, in-depth level. The early concepts of calculus will be explored as well. Real-world situations are modeled with a variety of functions.

This course is centered on the graphing approach with graphing calculators. The student will need a graphing calculator in his possession daily (TI-84 Plus recommended.) The students in this course will be encouraged, and expected, to participate in the mathematics competitions.

361	College Prep Math One Year Course	Credit – 1 Unit Elective: 12	Pre-requisites: None
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The curriculum will focus on the core concepts needed to avoid math remediation at the college level and incorporate skills needed in the workplace as identified by ACT's Work Keys and other resources. Topics from algebra, geometry, trigonometry, and statistics will be integrated throughout the course. Focus will be on applied mathematics and will involve the students in many real-life situations requiring mathematics in problem solving.

Critical thinking skills, mathematical reasoning, and communication will be emphasized beyond "skill and drill". Students will participate in collaborative learning activities, inquiry instruction, and extensive use of technology such as graphing calculators.

998	Accelerated Geometry One Year Course	Credit – 1 Unit Elective: 9-11	Pre-requisites; Algebra I
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Geometry is the study of geometric figures in two and three dimensional space – their measurements, properties, and relationships. Some of these figures studied are points, lines, angles, triangles, other polygons, circles and spheres.

By using the method of deductive reasoning, geometry can serve as a vehicle for stimulating and exercising general thinking skills and problem-solving abilities. It is a course which provides students with opportunities to look, compare, measure, guess, generalize and abstract. Structured geometric activities present many opportunities for creativity and imaginative thinking.

Geometry is necessary for study in such fields as physics, astronomy, art, mechanical drawing, chemistry (for atomic and molecular structure), biology (for cell structure), and geology (for crystalline structure). Geometric skills are important in architecture and design, in engineering, and in various aspects of construction work.

At the recommendation of the instructor, the accelerated geometry student will move at a faster pace with more in depth study of many topics. The students in this accelerated Geometry course are encouraged to begin participation in mathematics competitions.

999	Accelerated Algebra II One Year Course	Credit – 1 Unit Elective: 10-12	Pre-requisites: Geometry
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This course is an extension of the topics covered in Algebra I and Geometry. Topics that are included are real numbers, properties of polynomials, exponential, relations, graphing in a plane, solving equations with one or more variables and complex numbers. In addition, matrices, determinants, statistics, logarithms, and trigonometry will be studied.

At the recommendation of the instructor, the more accelerated Algebra II student will move at a faster pace with more in depth study of many topics. In the Accelerated Algebra II course, the student will need to have a graphing calculator. A graphing calculator is required and a TI-84 Plus is recommended. Any student with a TI-89 will not be permitted to use it on tests or quizzes. The students in this course will be encouraged, and expected, to participate in the mathematics competitions.

SCIENCE DEPARTMENT

400	Science 9 One Year Course	Credit – 1 Unit Required: 9	Pre-requisites: None
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This course is designed to develop a better understanding of our physical world and its workings. By applying known concepts, we will study its make-up and workings and its constant changes.

Concept areas will be force and motion, energy transfer, structure of matter, and interactions of matter.

401	Biology One Year Course	Credit – 1 Unit Elective: 10-12	Pre-requisites: Science 9 or equivalent
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Biology is a college preparatory course. Successful completion of Science 9 or equivalent is necessary. Biologists name organisms, name their parts, and name their processes. Biologists

study the relationships of organisms and how their processes help them to live. As a biologist studies the diversity of the organisms, the biologist will compare and contrast these relationships and processes from the simplest to the most complex organism.

Biology builds on the skills learned in the lower grade sciences in studying the cell through the vertebrates. Topics covered are photosynthesis, respiration, genetics, and reproduction from cell to vertebrates through all six kingdoms, as well as the wealth of organisms and their relationship to each other. Microscope and dissection work are a necessary part of the course.

402	Chemistry One Year Course	Credit – 1 Unit Elective: 11-12	Pre-requisites: Must have already completed Algebra I
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We live in a world which is made entirely of elements and compounds. Your own bodies are made of compounds in various combinations. It is the purpose of this course to teach the student the very basic concepts involved in how elements and compounds react and interact with each other.

It is the purpose of this course to instill in the student how and where chemistry is used in modern living. Chemistry is not an easy course. One should be an average student or above with good study habits.

To understand much of chemistry, it must be explained through the use of mathematics, and mathematics makes up 30% of the total study in chemistry. Chemistry is a lot of work, but it is a must if you plan on entering a technical occupation needing a science background (nursing, laboratory technician, engineering, etc.)

403	Advanced Chemistry One Year Course	Credit – 1 Unit Elective: 11-12	Pre-requisites: Chemistry grade of "C" or higher
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It is the objective of this course to enhance the background and knowledge of the student in general chemistry through a hands-on laboratory setting. The student will be working in the laboratory most of the time, from a selection of experiments provided by the instructor. The lab exercises will be chosen from experiments in the transition metals, qualitative analysis, analysis of water and wastewater, organic experiments, quantitative analysis, electrochemistry, nuclear chemistry, etc.

This course will add to, review, and reinforce the knowledge gained in first year chemistry.

404	Physics One Year Course	Credit – 1 Unit Elective: 11-12	Pre-requisites: Must have already completed Alg. II or Integrated Math II
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The world we live in is governed by natural laws which regulate matter and energy and how they interact with each other. It is the purpose of this course to study these interactions. We

study concepts like force, motion, work, power, heat, nuclear reaction, etc., to better understand these interactions.

To study these concepts, one must use a great deal of mathematics; including advanced mathematics and elementary trigonometry.

Physics is one of the most difficult courses in high school and one must study a great deal. Physics is one of the three basic sciences and is needed if one is to advance in such fields as electronics, engineering, medicine, etc.

405	Environmental Biology One Year Course	Credit – 1 Unit Elective: 11-12	Pre-requisites: None
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The purpose of the course is to teach the balance of plants and animals in the natural environment, and how man plays a role in the natural environment. The pros and cons of man's industrialized high standard of living in the United States and the world energy use and pollution will be discussed.

There is a great deal of outside laboratory work with local flora and fauna to build an appreciation for nature around us and some of the complexities found in natural relationships.

406	Anat. & Phys. One Year Course	Credit – 1 Unit Elective: 11-12	Pre-requisites: Biology
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Anatomy is the study of structures of the body, while physiology is the study of how the body functions. This course intensively studies these topics through the eleven basic body systems. The body is also studied through comparative study of a vertebrate organism as a whole, as well as individual parts through dissection and microscope viewing.

Anatomy and Physiology is recommended for those students who have completed general Biology with greater than a C average and are interested in a health care field.

407	Integrated Science One Year Course	Credit – 1 Unit Elective: 10	Pre-requisites: Science 9
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Integrated Science incorporates topics from all areas of science. The course will enhance areas previously covered as well as expanding into new areas of science. This course is designed to bring study skills and refreshment to those who found 9th grade science challenging.

408	Ocean Focus Semester Course	Credit – ½ Unit Elective: 10-11	Pre-requisites: Science 9 or equivalent
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Ocean Focus is a college preparatory course. Successful completion of Science 9 or equivalent is necessary. There is an application for the course and students are selected for participation. This class meets outside of the regular school day (one-hour per week).

Students will be introduced to the major groups of marine organisms, diverse coastal habitats, adaptations and distribution of organisms within marine habitats, and the potential for human

impact on marine organisms and the environment. Laboratory work will include hands-on experience with sampling methods and equipment from both shore-based and boat-based platforms, general identification of marine plants and animals, and first-hand observation of different coastal habitats, their residents and unique adaptations. The course will culminate with a one-week field study in the Florida Keys, where students will be asked to apply their classroom knowledge in numerous marine environments.

SOCIAL STUDIES DEPARTMENT

450	World History One Year Course	Credit – 1 Unit Required: 9	Pre-requisites: None
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This course utilizes the period of World History integrated with American sidelights to provide a context for the six strands of social studies. Specific attention will be given to the time period of 1787-1919, which provides excellent opportunities for learners to investigate the backgrounds for today's issues.

453	American History One Year Course	Credit – 1 Unit Required: 10	Pre-requisites: None
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This integrated social studies course utilizes significant American events from the six strands of the social studies program. Emphasis will be on the time period from 1900 to present and will be studies within the realm of world events. This year provides learners with the opportunity to extend and clarify perspectives gained in previous years as they examine the issues of the 20th century and speculate on the prospects for the twenty-first century.

457	Am. Government One Year Course	Credit – 1 Unit Required: 11	Pre-requisites: World History, Am. History
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American Government is a one year course, which covers the historical development of the American constitution, political parties, the election process, the judicial, legislative, and executive branches of government, and the basic political principles on which American democracy is based.

459	Economics Semester Course	Credit – ½ Unit Required: 12	Pre-requisites: None
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This course will inform students how individual choices directly influence future earnings potential and financial responsibility. Real world topics covered will include income, money management, spending, and credit, as well as saving and investing. Students will gain practical experience by creating model household budgets utilizing checking and saving accounts, gaining knowledge in debt and credit management, participating in a stock market simulation, and evaluating and understanding insurance and taxes. This course will provide a foundational understanding for making informed personal financial decisions leading to financial independence.

460	Sociology Semester Course	Credit – ½ Unit Required: 12	Pre-requisites: None
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A survey of the basic concepts, methods, principles used in the scientific study of human interaction. Emphasis is on such sociological concepts as socialization, social stratification, social organization, minority groups, and social change. Includes population, social change, and social institutions (family, education, religion, political system, economic system).

VOCATIONAL EDUCATION

FAMILY AND CONSUMER SCIENCE

Home Ec I

600	Personal Development Semester Course	Credit –1/2 Unit Elective: 9-12	Pre-requisites: None
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The purpose of this course is to help young people become better home members as it presents a broad introduction to Family and Consumers Sciences. The subject matter presented provides learning in personal, social, and family relations as well as developing sewing skills. Each student will be responsible for making a sewing project.

601	Discovering Foods Semester Course	Credit – ½ Unit Elective: 9-12	Pre-requisites: None
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This course focuses on the fundamental of good nutrition and meal preparations. Develop practical problem solving that influences cultural and social factors that affect the body weight and healthy lifestyles. Demonstrate safe food-handling practices related to food-borne pathogens and kitchen environments.

Home Ec II

602	Personal & Consumer Mang Semester Course	Credit – ½ Unit Elective: 10-12	Pre-requisites: Home Ec I
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Course provides students with an understanding of the concepts and principles involved in managing one's personal finances. Topics may include saving and investing, credit, insurance, taxes and social security, spending patterns and budget planning, contracts, and consumer protection. There will also be an emphasis on family life and constructing a comforter. Students will be responsible for purchasing their own fabric. The cost of the project will vary depending on the fabric the students choose. The fabric will be purchased in October. Price will range between \$50.00-\$100.00 depending on the fabric and size of comforter the student chooses.

568	Advanced Foods Semester Course	Credit – ½ Unit Elective: 10-12	Pre-requisites: Home Ec I
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This course focuses on the fundamental of good nutrition and meal preparations. Develop practical problem solving that influences cultural and social factors that affect the body weight and healthy lifestyles. Demonstrate safe food-handling practices related to food-borne pathogens and kitchen environments. Use time management strategies, decision-making skills, peer pressure and multi-cultural awareness that relate to educational, work and family goals that sustain productive, meaningful lifestyles.

563A	Child Development Semester Course	Credit – ½ Unit Elective: 11-12	Pre-requisites: None
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This course focuses on the understanding and importance of parenting. The course includes pre-natal care as well as guidance of children through adolescence. This course is aimed not only at future parents, but future care-givers and educators.

569A	Life on Your Own Semester Course	Credit – ½ Unit Elective: 11-12	Pre-requisites: None
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This is open to juniors and seniors. This course is a practical mini-course designed for those students who feel a need for help in foods (planning, buying, preparing, and serving) and consumer help in buying a home, automobile and finances. There will also be help in managing and choosing a place to live.

OCCUPATIONAL WORK EXPERIENCE

61	OWE Related One Year Course	Credit – 1 Unit Elective: 10-12	Pre-requisites: Permission of Coordinator and Principal
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This class is designed to introduce the student to methods of obtaining and holding a job, as well as those of personal finance. Job safety is stressed throughout the program in conjunction with the students' work study. Field trips and fund raising activities are also part of the program.

60	OWE Work One Year Course	Credit – 3 Units Elective: 10-12	Pre-requisites: Must be in OWE Related
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A structured and supervised paid work experience that must average fifteen hours per week during each grading term.

APOLLO CAREER CENTER

525	Apollo One/Two Year Course	Credit – 7 Units Elective: 11-12	Pre-requisites: 2 Yr. High School 7 Credits
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A student should be an incoming junior with all academic requirements met prior to attending Apollo. Information (about Apollo) is available to students through the tenth grade hands on experience, a video and pamphlets, available on request from the Guidance Office.

A student needs two English credits, two math credits, one science and one social studies credit, and two additional state-required courses. They could include fine arts, foreign language, business or physical education.

- Administrative & Med. Office
- Automated Manf. Technology
- Automotive Collision Technology
- *Automotive Services (work oriented & college tech prep)
- Auto Technology
- Building Maintenance
- Career Based Intervention
- Carpentry
- Commercial Food Operations
- *Computer Applications Programming
- *Computer Assisted Drafting
- *Computer Network Technology
- *Construction Equipment Technology (work oriented & college tech prep)
- Cosmetology
- Culinary Arts
- Early Childhood Education
- Floral Design/Interiors
- *Health Careers
- *Internet Design Technologies
- *Landscape Construction (work oriented & college tech prep)
- Marketing Management
- Print & Graphics
- Welding & Fabrication

*Tech Prep programs. Additional training after high school will be needed to gain meaningful employment. Acceptance into Tech programs requires a passing grade in Algebra I.