



**Cardinal
Gibbons
High School**

2011 – 2012 CURRICULUM GUIDE



The chief aim of the school was and is, to teach the whole truth – that which God has revealed and that which man discovered.

GRADUATION REQUIREMENTS

24 credits, 80 community service hours, and a cumulative G.P.A. of at least 2.00 are required for graduation.

DEPARTMENT	NUMBER OF CREDITS
Theology	3.5
Literature: Types of Lit, American Lit, British Lit, Western European Lit	4.0
Composition	1.5
Mathematics: Algebra I, Geometry, Algebra II and one additional math credit (Integrated Math II, Integrated Math III, Pre-Calculus or Calculus)	4.0
Science: Biology I and Chemistry I or Physical Science and one additional science credit (Integrated Science, Chemistry II, Physical Science, Biology II, Physics I/II, Anatomy, Astronomy, Environmental Science, Marine Science)	3.0
Social Studies: World History, U.S. History, Economics, American Government ...	3.0
World Languages (two consecutive years of the same language)	2.0
Personal Fitness and Health	1.0
Electives	2.0
TOTAL CREDITS	24.0

FRESHMAN YEAR REQUIREMENTS

- 1a World Religions (semester) (SUS)
- 1b Integrated Science (semester) (SUS)
- 2 Types of Literature (SUS)
- 3 Personal Fitness/Health (or Music)
- 4 World History (SUS)
- 5 Algebra I (SUS)
- 6 World Language (SUS)
(20 community service hours)

JUNIOR YEAR REQUIREMENTS

- 1a Global Studies I (semester) (SUS)
- 1b Global Studies II (semester) (SUS)
- 2 British Literature (SUS)
- 3a Composition III (semester) (SUS)
- 3b Elective (semester)
- 4 U.S. History (SUS)
- 5 Algebra II (SUS)
- 6 Chemistry or Physical Sci. (SUS)
(20 community service hours)

SOPHOMORE YEAR REQUIREMENTS

- 1a Jewish History (semester) (SUS)
- 1b Archeology (semester) (SUS)
- 2 American Literature (SUS)
- 3a Composition I or II (sem) (SUS)
- 3b Economics (semester) (SUS)
- 4 Geometry (SUS)
- 5 Biology (SUS)
- 6 World Language (SUS)
(20 community service hours)

SENIOR YEAR REQUIREMENTS

- 1a Multicultural Studies (sem) (SUS)
- 1b Sociology (semester) (SUS)
- 2 Western European Lit. (SUS)
- 3a Composition IV (semester) (SUS)
- 3b American Government (sem) (SUS)
- 4a Science elective (semester) (SUS)
- 4b Elective (semester)
- 5 Mathematics (SUS)
- 6 Elective
(20 community service hours)

State University System (SUS): The state universities in Florida focus their admission evaluations on each student's academic credits and grades in the five core academic subject areas. The five core academic subject areas are English, Math, Natural Science, Social Studies, and World Languages. Note that some state universities expect at least 21 academic credits over four years of high school. Fulfillment of the academic credit requirement for the state universities is dependent upon student course selection. The "SUS" label is used to help students choose courses/electives that clearly meet State University System guidelines.

COURSE OFFERINGS by DEPARTMENT

ART DEPARTMENT (0601-0699)

Note: According to the Rules of the Department of Education's Board of Regents and the current Course Code Directory, all of the courses offered by our Art Department may be used to meet the minimum elective requirements for admission to the State University System. On the other hand, an individual state university may decide to not accept these courses. In case of doubt, the student may wish to consult the Admissions Office of a particular state university.

0610 (0611) DRAWING AND PAINTING I is a one semester course in drawing and design that includes pencil, charcoal, ink, still life, perspective, human figure, architectural renderings and cartooning. (0.25 or 0.50 credit per semester)

0612 (0613) DRAWING AND PAINTING II is a one semester course on introduction to color and painting in tempera. (**Prerequisite: Drawing skills**) (0.25 or 0.50 credit per semester)

0614 (0615) DRAWING AND PAINTING III is a course in acrylic, watercolors, airbrush, pastels, linoleum printing, calligraphy, and introduction to Poser 7 Animation and Photoshop CS3 on the Macintosh. (**Prerequisites: Drawing skills, computer literacy and permission of the teacher.**) (0.25 or 0.50 credit per semester)

0655, 0656 ART DRAWING PORTFOLIO – ADVANCED PLACEMENT is designed to prepare portfolios for college and further art education. AP is offered in Drawing and Painting, 2-D and Photography. (**Prerequisite: Permission of the teacher**) (year course)

0620 (0621) CERAMICS AND POTTERY I is a one semester non-textbook studio course in basic hand building in clay. Projects include coil, slab, pinch, cylinder and combination techniques. Intro to throwing on the wheel. Glazes are available for bisque firing in the kiln. (0.25 or 0.50 credit per semester)

0622 (0623) CERAMICS AND POTTERY II is a one semester course in the continuation of hand building techniques plus 3-D construction, bust building, sets, fitting lids, figurative work and throwing bowls, cups, and a pitcher on the wheel. (**Prerequisite: Permission of the teacher**) (0.25 or 0.50 credit per semester)

0624 (0625) CERAMICS AND POTTERY III is a one semester upper level course for advanced artists. Themes are created for the duration of the class. Freeform methods, history and personal styles are emphasized for a college portfolio. (**Prerequisite: Permission of the teacher**) (0.25 or 0.50 credit per semester)

0630 (0631) CREATIVE PHOTOGRAPHY I is a one semester course on black/white photography, color digital photography, work in the darkroom, use of the cameras, and developing film and prints. Digital photography is working on Photoshop CS3. Video filming and use of Imovie on the Mac are introduced. Required materials include a 35mm SLR camera and/or a digital camera. (0.25 or 0.50 credit per semester)

0632 (0633) CREATIVE PHOTOGRAPHY II is a one semester course intended to develop knowledgeable darkroom and Photoshop techniques. Filmmaking and video are pursued by various projects. Fashion,

photojournalism and artistic methods are stressed to help a student with a portfolio. Imovie 09 and Photoshop CS3 are utilized. **(Prerequisite: Permission of the teacher)** (0.25 or 0.50 credit per semester)

0634 (0635) CREATIVE PHOTOGRAPHY III is a one semester course to demonstrate knowledgeable levels of photography and filmmaking, including personal, historical, sociological, documentary, scientific and aesthetics. Portfolios are built to enable a student to excel at the collegiate level. Exploration of career possibilities and personal experiences with photographic processes are explored. Choice of darkroom, still digital or video projects. **(Prerequisite: Permission of the teacher)** (0.25 or 0.50 credit per semester)

ENGLISH DEPARTMENT (0101-0199)

0111-0112 TYPES OF LITERATURE (Basic) is designed to accomplish two goals: to strengthen the reading skills of students identified as reading at or below grade level and to introduce students to the study of high school literature by acquainting them with the basic types of literature: drama, short story, biography, poetry, novel, and essay. (year course) (SUS)

0113-0114 TYPES OF LITERATURE is designed to introduce students to the study of high school literature. Whether approached by genre or themes, it acquaints the student with the basic types of literature. Course 0113 covers drama, short story, and biography. Course 0114 covers poetry, novel, and essay. Writing, vocabulary and SAT preparation are also stressed. (year course) (SUS)

0115-0116 TYPES OF LITERATURE - HONORS is designed to introduce students to the study of high school literature. Whether approached by genre or themes, it acquaints the student with the basic types of literature. Course 0115 covers drama, short story, and biography. Course 0116 covers poetry, novel, and essay. Writing, vocabulary, and SAT preparation are also stressed. A minimum of two (2) extra readings per semester is required. **(Prerequisite: Admission into this course will be based upon a review of the student's profile, including High School Placement Test scores, grades earned in the 7th and 8th grades, and recommendations from the 8th grade teachers.) (Students enrolled in this course must complete specific assignments during the summer, before classes begin in August.)** (year course) (SUS)

0122-0123 AMERICAN LITERATURE is concerned with the study of American authors from the Colonial Period to the present. Course 0122 covers the Colonial Period to 1850. Course 0123 covers 1850 to the present. Vocabulary, writing skills, and SAT preparation are included. (year course) (SUS)

0124-0125 AMERICAN LITERATURE - HONORS is concerned with the study of American authors from the Colonial Period to the present with an emphasis on critical analysis. Course 0124 covers the Colonial Period to 1850. Course 0125 covers 1850 to the present. Students are required to write one (1) major paper per quarter in addition to other shorter writing assignments and to read a minimum of two (2) additional novels per semester. Vocabulary, writing skills, and SAT preparation are stressed. **(Prerequisites: Admission to this class is limited. Selection is based upon previous literature grades, cumulative G.P.A., scores on PSAT test, and teacher recommendations.) (Students enrolled in this course must complete specific assignments during the summer, before classes begin in August.)** (year course) (SUS)

0130-0131 BRITISH LITERATURE includes the study of British writers from the Anglo-Saxon Period to the present. Course 0130 covers the Anglo-Saxon Period, Medieval Period, and the Renaissance. Course 0131 covers

the Neo-Classical Period, Romantic Period, Victorian Period, and the Modern Period. Vocabulary and SAT preparation are stressed. (year course) (SUS)

0132-0133 BRITISH LITERATURE – HONORS presents a survey of writers of the British Commonwealth from the Anglo-Saxon period to the present. Classic works of literature from the Anglo-Saxon, Medieval, Renaissance, Neo-Classic, Romantic, Victorian and Modern Periods are covered. Emphasis is placed on analytical thought and critical reading. **(Prerequisites: Minimum grade of B+ in previous literature courses and teacher recommendation.)** (year course) (SUS)

0134-0135 BRITISH LITERATURE - ADVANCED PLACEMENT surveys British writers from the Anglo-Saxon Period to the Modern Period. Course 0134 covers the Anglo-Saxon Period, Medieval Period, and the Renaissance. Course 0135 covers the Neo-Classical Period, Romantic Period, Victorian Period, and the Modern Period. Students are required to read additional works each semester. Special emphasis is given to analysis and critical reading and thinking necessary to prepare students for the Advanced Placement Test in Literature and Composition. **(Prerequisites: Admission to this class is limited. Selection is based upon previous literature grades, cumulative G.P.A., scores on PSAT test, and teacher recommendations.) (Students enrolled in this course must complete specific assignments during the summer, before classes begin in August.)** (year course) (SUS)

0140-0141 WESTERN EUROPEAN LITERATURE presents a survey of the greatest writers of the Western world from the period of the early Greeks to the present. Course 0140 covers Classical Greece, Ancient Rome, Barbarian Period, and the Medieval Period. Course 0141 covers the Renaissance, Neo-Classical Period, Romantic Period, Realistic Period, and Modern Period. Vocabulary and writing are important elements of the course. (year course) (SUS)

0142-0143 WESTERN EUROPEAN LITERATURE - HONORS presents a survey of the greatest writers of the Western world from the period of the early Greeks to the present with emphasis on critical thinking. Course 0142 covers Classical Greece, Ancient Rome, Barbarian Period, and the Medieval Period. Course 0143 covers the Renaissance, Neo-Classical Period, Romantic Period, Realistic Period, and Modern Period. Students write one (1) critical analysis/research paper per semester, and read a minimum of two (2) additional works per semester. **(Prerequisites: an A for the semester grade in British Literature, an A or B+ for the semester grade in Advanced Placement British Literature, a minimum of 59 on the verbal section of the PSAT, teachers' recommendations, and class rank) (Students enrolled in this course must complete specific assignments during the summer, before classes begin in August.)** (year course) (SUS)

0150 COMPOSITION I is required of all sophomores. It offers instruction in writing clear, logical, and detailed prose. It provides a comprehensive review of the punctuation, grammar, and rhetorical skills found on college entrance tests, particularly the SAT and ACT. (one semester) (SUS)

0151 COMPOSITION II - HONORS offers advanced instruction in writing clear, logical and detailed prose. It provides a review of the punctuation, grammar, and English usage, which are found on the SAT and ACT. It is also designed for all aspects of newspaper work including writing, reporting, headlines, layout, advertising and circulation. **(Prerequisite: recommendation of a freshman literature teacher)** (one semester) (SUS)

0152 COMPOSITION III is required of all juniors. It teaches students to express ideas effectively in standard written English by using appropriate organization, word choice and sentence structure. Grammatical skills and SAT writing skills are refined. A research paper is required. (one semester) (SUS)

0173 COMPOSITION III – HONORS (DUAL ENROLLMENT) is a writing course which covers a variety of writing patterns and concentrates on using research correctly to produce a college level paper. The objective in this course is to instruct the student in college writing. The course will offer instruction in (1) reading college level works of non-fiction, (2) correcting common writing errors, (3) proper use of a specified format for papers, (4) appropriate writing techniques, and (5) production of papers with documented sources. This is a “Gordon Rule” course and requires the production of 6,000 words of student writing on the college level. **(Prerequisites: a cumulative G.P.A. of at least 3.50 and permission of the teacher. This course is dual enrollment eligible. Therefore, the student must register for Dual Enrollment.)** (The title of the college level course is COMPOSITION, and its course number is ENG 101.) (one semester) (SUS)

0153 COMPOSITION IV is required of all seniors. It offers instruction in expository writing. The aim of the course is to prepare students for the writing expected of them in college. Students write compositions utilizing various patterns of exposition. (one semester) (SUS)

0174 COMPOSITION IV – HONORS (DUAL ENROLLMENT) is a course in non-fiction writing. It offers instruction in expository writing and the research essay. The goal of the course is to prepare students for the writing expected of them in college. Students write essays utilizing various patterns of exposition. This is a “Gordon Rule” course and requires the production of 6,000 words of student writing on the college level. **(Prerequisites: a cumulative G.P.A. of at least 3.50 and permission of the teacher. This course is dual enrollment eligible. Therefore, the student must register for Dual Enrollment.)** (The title of the college level course is HONORS WRITING, and its course number is ENG 203.) (one semester) (SUS)

0154 COMPOSITION IV - ADVANCED PLACEMENT is designed to prepare students to take the Advanced Placement test in Language and Composition. **(Prerequisites: Admission to this class is limited. Selection is based upon previous literature grades, cumulative G.P.A., scores on PSAT test, and teacher recommendations.)** (Students enrolled in this course must complete specific assignments during the summer, before classes begin in August.) (one semester) (SUS)

184, 185, 186, 187 ACTING I, II, III, IV The objective of this class is to give students an introduction to the basics of performance in the area of theatrical production. The performing aspects of live theater will be learned and evaluated throughout the semester. There will also be a focus on theater history and context as it relates to the specific production. Students will learn various techniques and methods used in professional theater for character development, and general performance skills. Students will be researching the specific show; self-evaluating their performance; learning certain technical aspects as relates to the individual performance; such as costuming, and stage make-up. Students will learn how to perform as a member of an ensemble, and gain a beginning understanding of performing in a live theatrical venue. Each student is also required to perform or assist at one of our many showcases. These are one-night events where family and friends are invited and encouraged to come and watch the students. **The letter grade and the credit will be recorded on both the report card and the transcript. The grade will not affect the student’s cumulative G.P.A.** (Period 8) **(Prerequisite: permission of the teacher)** (0.5 credit per semester) (one semester or full year)

0160-0161, 162-163, 164-165 DRAMA I, II, III offers students the opportunity to learn about some of the history of live dramatic performance while learning dramatic skills in a classroom setting. Areas of instruction include researching a part, acting, singing, dancing, student directing, props and costume design, and examination of professional and student dramatic works. There will be writing involved in this class. Purchase of some materials may be needed for scene study. Students will be required to see films and/or shows outside of the class on their own time. **(Prerequisite: permission of the teacher)** (0.5 credit per semester)

180, 181, 182, 183 STAGECRAFT I, II, III, IV The objective of this class is to give students an introduction to the basics of leadership as it pertains to live theatrical production. The performance aspects managing live theater will be learned and evaluated throughout the semester. There will also be a focus on theater history and context as it relates to the directorial viewpoint of the specific production. Students will learn various techniques and methods for directing and cast/crew management utilized in live theatrical production. They will be responsible for the monitoring of off-stage behavior of all cast/crew members and noting infractions. Students will also be planning and managing the properties and set pieces during rehearsals and performances, as well as overseeing crew heads for: costumes, make-up, sets, and ushers. Students will learn how to notate stage directions for every cast member, and will be responsible for making sure the cast is accurate in staging. Each student is also required to perform or assist at one of our many showcases. These are one-night events where family and friends are invited and encouraged to come and watch the students. **The letter grade and the credit will be recorded on both the report card and the transcript. The grade will not affect the student's cumulative G.P.A.** (Period 8) (**Prerequisite: permission of the teacher**) (0.5 credit per semester) (one semester or full year)

0155-0156 JOURNALISM III - HONORS is concerned with the practical application of the principles learned in Composition II - Honors and is responsible for the publication of the school newspaper, Insight. (**Prerequisites: Recommendation of an English Literature teacher and permission of the teacher. A signed contract is required for those students who take this course during Period 8.**) (one semester)

0157 YEARBOOK STAFF assumes responsibility for the complete production of the school yearbook, Excelsior. (**Prerequisite: Permission of the teacher**) (0.5 credit per semester) (one semester)

0190 (0191) SEMANTICS, LOGIC AND SPEECH offers students the opportunity to learn the mechanics of making a speech in public, as well as the psychological and physiological implications involved in speaking in a safe academic environment. The objectives of this class are to give students the tools and skills they need to become effective communicators using speeches of graduated difficulty along with learning the dynamics of active listening and evaluating public speeches. (0.25 or 0.50 credit per semester) (SUS)

0192 (0193) SPEECH II (0.25 or 0.50 credit per semester)

0194 (0195) SPEECH III (0.25 or 0.50 credit per semester)

0955 SAT and ACT TEST PREPARATION is designed to familiarize students with the specific content and format of both the SAT and ACT standardized college admission tests. This class is offered during the first or second half of the lunch periods. **The letter grade and the credit will be recorded on both the report card and the transcript. The grade will not affect the student's cumulative G.P.A. Note that there is a course fee.** (grades 11 and 12) (0.25 credit) (one semester)

LIBRARY MEDIA CENTER

0953 LIBRARY AND RESEARCH SKILLS offers students the opportunity to improve their skills in the use of library materials, to appreciate books and reading, and to gain practical experience in library work. Research skills are enhanced with training in the Library Media Center's online databases and internet resources. Students produce a multimedia slide presentation using Microsoft PowerPoint. (Open to grades 9, 10, and 11) (one semester)

0954 MEDIA AND AUDIOVISUAL SKILLS offers training in the use of all audiovisual equipment in the school. The course also covers the use of the Library Media Center's online databases and internet resources. Students produce a multimedia slide presentation using Microsoft PowerPoint. (Open to grades 9, 10, and 11) (one semester)

MATHEMATICS DEPARTMENT (0201-0299)

Note: Cardinal Gibbons High School requires four credits in mathematics for graduation (Algebra I, Geometry, Algebra II, and one additional credit in either Integrated Math II/III, Pre-Calculus or Calculus).

0210 (211-212) ALGEBRA I (Basic) is designed to meet the needs of students who require an Algebra course but have experienced difficulty with algebraic concepts. The course introduces the concept of the variable and the development of problem solving skills. Topics include: properties of real numbers, solving equations, laws of exponents, operations of polynomials, factoring, and inequalities. (year course) (SUS)

0214-0215 ALGEBRA I is designed to introduce the student to the concept of the variable and to the development of problem-solving skills. Equations, inequalities, polynomials, functions, and the structure and properties of real numbers are the primary concern. Problem solving is given adequate treatment. (year course) (SUS)

0216 (217-218) ALGEBRA I - HONORS is designed for students with a high mathematical aptitude who have mastered basic algebraic concepts. The course covers more challenging material at an accelerated pace. Topics within the real number system include graphing of linear equations and inequalities and systems of these, quadratic equations and functions, polynomial expressions and equations, and irrational numbers and radicals. **(Prerequisite: Admission into this course will be based upon a review of the student's profile, including High School Placement Test scores, grades earned in the 7th and 8th grades, and recommendations from the 8th grade teachers.)** (year course) (SUS)

0220 (221-222) GEOMETRY (Basic) is designed to meet the needs of students who require a Geometry course but have experienced difficulty in previous math classes. Topics include points, lines, and planes with respect to angles, parallel lines, triangles and other polygons, circles, and areas without emphasis on proofs. **(Prerequisites: Algebra I and the recommendation of the teacher)** (year course) (SUS)

0224-0225 GEOMETRY is a study of points, lines and planes with respect to angles, parallel lines, triangles, other polygons, and circles. Emphasis is placed on proofs, areas and volumes. Introductory concepts pertaining to coordinate geometry and algebra are explored. **(Prerequisites: Algebra I with a grade of at least a C.)** (year course) (SUS)

0226 (227-228) GEOMETRY - HONORS is the study of the Euclidean concept of points, lines, planes, angles, dihedral angles, triangles and other polygons, circles, spheres and other solids. There is some exposure to non-Euclidean geometries. Emphasis is placed on proofs, application of algebra, and the real number system. **(Prerequisites: a cumulative G.P.A. of at least 3.80, and an A or B in Algebra I – Honors both semesters or an A in Algebra I both semesters. If class size permits and a student does not meet the previously mentioned prerequisites, then the department may consider the student's profile including GPA, PSAT math score, NEDT math score, class rank, and past classroom performance.)** (year course) (SUS)

0230 (231-232) ALGEBRA II (Basic) extending the topics of Algebra I, presents functions and relations, radicals, exponents, quadratic equations, and complex numbers. A graphing calculator is required. **(Prerequisites: Algebra I, Geometry and the recommendation of the teacher)** (year course) (SUS)

0234-0235 ALGEBRA II extends the topics of Algebra I, presents functions and relations, radicals, exponents and logarithms, quadratic equations, complex numbers, and conics. A graphing calculator is required. **(Prerequisites: Algebra I and Geometry with a math average of at least a C+ in each course. For incoming freshmen, admission into this course will be based upon a review of the student's profile, including High School Placement Test scores, grades earned in the 7th and 8th grades, and recommendations from the 8th grade teachers.)** (year course) (SUS)

0236 (237-238) ALGEBRA II - HONORS is an in-depth study of linear and quadratic polynomial functions, systems of equations and inequalities, determinants, polynomial functions and equations, complex numbers, conic sections, rational exponents and radicals, exponential and logarithmic functions. A graphing calculator is required. **(Prerequisites: Algebra I and Geometry, a cumulative G.P.A. of at least 3.80, and an A or B in honors math courses or an A in standard math courses. If class size permits and a student does not meet the previously mentioned prerequisites, then the department may consider the student's profile including GPA, PSAT math score, class rank, and past classroom performance.** (year course) (SUS)

0260 (261-262) INTEGRATED MATH II is recommended for the college bound student who does not take Pre-Calculus. The course reviews basic skills of Algebra I and Algebra II, particularly factoring and solving of equations. A graphing calculator is required. **(Prerequisites: Algebra I, Geometry, Algebra II, and recommendation of the teacher)** (year course) (SUS)

0263 (264-265) INTEGRATED MATH III is recommended for the college bound student who does not take Pre-Calculus. This course reviews skills taught in Algebra II, expands on these topics and introduces new material. The new topics include logarithms and trigonometric functions. A graphing calculator is required. **(Prerequisites: Algebra I, Geometry, Algebra II, and recommendation of the teacher)** (year course) (SUS)

0241-0242 PRE-CALCULUS deals with those aspects of mathematics associated with functions and relations, trigonometric and inverse trigonometric functions, complex numbers, and conics. The course aims to prepare the student for calculus. A graphing calculator is required. **(Prerequisite: Algebra II with a math average of at least a B and a grade of 80% on the Pre-Calculus placement test administered at Cardinal Gibbons High School in May)** (year course) (SUS)

0244-0245 PRE-CALCULUS - HONORS covers the fundamentals of trigonometry, analytic geometry, and the concepts of limits and derivatives. The course is designed to prepare the student for Calculus AP. A graphing calculator is required. **(Prerequisites: Algebra II, a cumulative G.P.A. of at least 3.80, an A or B in honors math classes or an A in standard math classes. If class size permits and a student does not meet the previously mentioned prerequisites, then the department may consider the student's profile including GPA, PSAT math score, class rank, and past classroom performance.)** (year course) (SUS)

0251-0252 CALCULUS - HONORS is designed for students who have completed a year course in Pre-Calculus. The course includes the study of the derivative, the integral, and basic applications, such as the graphing of functions, maximum-minimum problems, related rates, areas, and volumes. A graphing calculator is required. **(Prerequisite: Pre-Calculus or Pre-Calculus - Honors)** (year course) (SUS)

0254-0255 CALCULUS AB - ADVANCED PLACEMENT is designed for students who have completed Pre-Calculus - Honors. The course continues the study of the derivative and its applications and introduces the integral calculus with its geometrical and physical applications. The course follows the AP Syllabus for AB Calculus. A graphing calculator is required. **(Prerequisite: at least a B+ in Pre-Calculus – Honors or the recommendation of the teacher, as well as an acceptable PSAT math score)** (year course) (SUS)

0257-0258 CALCULUS BC – ADVANCED PLACEMENT is a study of essential concepts of differential and integral Calculus of single variable functions. It is designed for those students who have successfully mastered all topics covered in Calculus AB – Advanced Placement. This course follows the AP syllabus for BC Calculus. A graphing calculator is required. **(Prerequisite: An A or B in Calculus AB – Advanced Placement and the recommendation of the teacher.)** (year course) (SUS)

0271 STATISTICS - HONORS is an elective course designed to introduce the student to basic distributions and relationships as a means of understanding data. Students learn about designing samples and experiments, probability, and understanding inferences about the population. The course requires reading, graphics, and technology. It serves as an introduction to college statistics. This one semester course is not intended to replace any year-long math course. It is offered as a math elective to be taken in addition to a year-long math course such as College Algebra, Pre-Calculus or Calculus. A graphing calculator is required. **(Prerequisite: Algebra II – Honors and an A or B in all prior math courses)** (semester course) (SUS)

0272 STATISTICS – ADVANCED PLACEMENT is an elective course designed for students who have completed Statistics-Honors. This course is the equivalent of a college course in introductory statistics. The course will continue the study and focus on four major themes: exploring data, planning a study, anticipation of patterns, and statistical inference. As part of an effort to develop effective statistical communication skills, students will be frequently required to prepare written and oral analyses of real data. Students will develop strategies for collecting, organizing, analyzing and drawing conclusions from data. Students will design and administer surveys and experiments, and then they will tabulate and analyze results from these experiments. Students will study probability, perform simulations and understand how sampling distributions are related to confidence intervals and hypothesis tests. It is offered as a math elective to be taken in addition to a year-long math course such as College Algebra, Pre-Calculus or Calculus. A graphing calculator is required. **(Prerequisite: at least a B in Statistics-Honors.)** (semester course) (SUS)

0955 SAT and ACT TEST PREPARATION is designed to familiarize students with the specific content and format of both the SAT and ACT standardized college admission tests. This class is offered during the first or second half of the lunch periods. **The letter grade and the credit will be recorded on both the report card and the transcript. The grade will not affect the student’s cumulative G.P.A. Note that there is a course fee.** (grades 11 and 12) (0.25 credit) (one semester)

MUSIC DEPARTMENT (0701-0799)

Note: According to the Rules of the Department of Education’s Board of Regents and the current Course Code Directory, some of the courses offered by our Music Department may be used to meet the minimum elective requirements for admission to the State University System. On the other hand, an individual state university may decide to not accept these courses. In case of doubt, the student may wish to consult the Admissions Office of a particular state university.

***Music Fee: \$75.00 per semester**

0710, 0712 BEGINNING BAND is for students with no previous playing skills. This course instructs the student in the techniques of playing a wind ensemble or percussion instrument. The class is open to freshman, sophomore and junior students only. (0.50 credit per semester) (year course)

0720, (0721), 0722, (0723) WIND ENSEMBLE/MARCHING BAND – HONORS is for students with previous playing experience. This ensemble performs in FBA assessments, if qualified, and performs several required concerts throughout the school year. Students enrolled in the Wind Ensemble are required to play in the Marching Band at the weekly football games, usually on Fridays. Students are to enroll in this course for the entire school year. Private lessons are highly recommended. Members of this ensemble are encouraged to participate in FBA Solo and Ensemble assessment, if qualified. Music theory is an integrated part of the curriculum. Attitude, maturity, ability and selflessness are key ingredients to participate in this ensemble. **(For quarter credit classes, the letter grade and the credit will be recorded on both the report card and the transcript. The grade will not affect the student's cumulative G.P.A.) (Prerequisite: permission of the teacher)** (0.50 or 0.25 credit per semester) (year course)

0744 (0745), 0746 (0747) CHORUS – HONORS (Concert Chorus) is for students who enjoy singing. Students will be taught multiple musical disciplines such as theory, sight singing, vocal pedagogy and musicology through advanced study of a broad based musical repertoire spanning from Renaissance through 20th century art and contemporary music. The Chorus will perform in department and community functions, and during all Music Department concerts. **(For quarter credit classes, the letter grade and the credit will be recorded on both the report card and the transcript. The grade will not affect the student's cumulative G.P.A.) (Prerequisite: permission of the teacher)** (0.25 or 0.50 credit per semester) (year course)

0730, 0732 JAZZ ENSEMBLE - HONORS is an advanced workshop to develop skills in jazz performance. Emphasis is on sight reading, improvisation, and section work. This ensemble performs at FBA assessment events, if qualified, and performs several required concerts and community events throughout the school year. Various text, workbooks, video tapes and audio recordings are used to create a formal study. Students are encouraged to participate in FBA Solo and Ensemble assessment, if qualified. Private lessons are highly recommended. Attitude, maturity, ability and selflessness are key ingredients to participate in this ensemble. **Jazz Band meets each morning from 7:05 A.M. until 7:55 A.M. The letter grade and the credit will be recorded on both the report card and the transcript. The grade will not affect the student's cumulative G.P.A. Students are required to be enrolled in another music ensemble in order to participate in Jazz Band. (Prerequisite: audition) (Note: Since limited space is available, guitar, piano and electric bass players will be hand selected by the director.)** (0.50 credit per semester) (year course)

0750 (0751), 0752 (0753) STRING ORCHESTRA - HONORS is for advanced string players. This ensemble performs in FOA assessments, if qualified, and performs several required concerts throughout the school year. Private lessons are highly recommended. Members of this ensemble are encouraged to participate in FOA Solo and Ensemble assessment, if qualified. Music theory is an integrated part of the curriculum. Attitude, maturity, ability and selflessness are key ingredients to participate in this ensemble. **(For quarter credit classes, the letter grade and the credit will be recorded on both the report card and the transcript. The grade will not affect the student's cumulative G.P.A.) (Prerequisite: permission of the teacher)** (0.25 or 0.50 credit per semester) (year course)

0717-0718 CONCERT PERCUSSION/DRUMLINE is for students with any level of playing experience. As

part of the Marching Band, the drumline performs at football games, pep rallies and parades. Concert Percussion is part of the Wind Ensemble. Concert Percussion performs at several required concerts throughout the school year. Members of this ensemble participate in FBA Solo and Ensemble assessment, if qualified. Attitude, maturity, ability and selflessness are key ingredients to participate in this ensemble. Piano players are highly recommended to join this ensemble. **Attendance at all rehearsals, football games, concerts and events is mandatory. Participants must be enrolled in the Wind Ensemble (period 5) in order to participate. This course meets after school. The letter grade and the credit will be recorded on both the report card and the transcript. The grade will not affect the student's cumulative G.P.A.** (Period 8) (0.50 credit per semester) (year course)

0715-0716 COLOR GUARD is open to all students regardless of ability. This ensemble is a visual and dance group that performs with the Marching Band in the fall and in the South Florida Winter Guard Association contests in the winter. (additional fees for winter season). Members are instructed by professional staff in the skills of dance, flag, saber, and rifle technique. Attitude, maturity, and selflessness are key ingredients to the success of this ensemble. The color guard class meets after school twice a week. Additional rehearsals are sometimes needed. **The letter grade and the credit will be recorded on both the report card and the transcript. The grade will not affect the student's cumulative G.P.A.** (Period 8) (0.50 credit per semester) (year course)

PHILOSOPHY DEPARTMENT

0952 PHILOSOPHY uses instinctive anthologies to assist the students in understanding and enhancing their own character. These studies serve as an inexhaustible source of intellectual stimulation, aesthetic delight, moral discernment and spiritual enlightenment. The following topics are included: faith, self-discipline, compassion, responsibility, friendship, work ethics, courage, perseverance, honesty, loyalty. **(seniors only)** (semester course) (SUS)

0955 PHILOSOPHY – HONORS (DE) provides students with the interdisciplinary knowledge, skills, attitudes, and values necessary to meet responsibilities as citizens of their community, state, nation, and the world at-large. **(Prerequisites: Cumulative G.P.A. of at least 3.50 and the permission of the teacher) (This course is dual enrollment eligible. Therefore, the student must register for Dual Enrollment.)** (grade 11) (one semester) (SUS)

PHYSICAL EDUCATION AND HEALTH DEPARTMENT (0801-0899)

0810-0811 (F), 0820-0821 (M) PERSONAL FITNESS AND HEALTH is a full year course. The first part of the course offers a variety of team, individual, and lifetime sports, and stresses the acquisition of knowledge to fit into the personal lifestyles, and understanding of stress maintenance, muscle groups related to physical fitness, weight conditioning and training, and an exercise program. The second part of the course consists of units taught in health-related fitness, health problems, first aid and safety, nutrition, alcohol and drug abuse awareness, and sex education. (year course)

0830-0831 INTERMEDIATE and ADVANCED WEIGHT TRAINING is designed to enhance the skills of students who have been involved in and possess an interest in weight training. In a "hands-on approach", students assist in designing their own program. With emphasis on safety, flexibility and nutrition, the course covers all phases of weight training. **(Prerequisite: Permission of the teacher)** (one semester)

SCIENCE DEPARTMENT (0401-0499)

0415 INTEGRATED SCIENCE is an introductory science course designed to teach methods and procedures for solving scientific problems, acquiring knowledge, understanding, and competency. Students learn to investigate and safely practice scientific methods and procedures, using laboratory equipment and materials. The course connects the scientific disciplines of life science, chemistry, and physical science to everyday life and balances solid content material with practical hands-on activities. (one semester) (SUS)

0410-0411 BIOLOGY I is a required course. It is designed to introduce the student to the study of living organisms. Topics covered include the nature of life, biochemistry, cell structure and function, genetics, evolution, microorganisms and fungi, plants, invertebrate animals, chordate animals, the human body, and ecology. Laboratory experiences are stressed throughout the course. (year course) (SUS)

0412-0413 BIOLOGY I - HONORS studies life processes and patterns found in biochemistry, cellular biology, genetics, evolution, the three domains of life, the human body, and ecology. Analytical thought and laboratory experiences are stressed throughout the course. The course serves as a preparation for other advanced or AP classes in science. Course requirements include laboratory reports and research papers. **(Prerequisite for freshmen: Admission into this course will be based upon a review of the student's profile, including High School Placement Test scores and teacher recommendations. Prior to graduation, freshmen taking this course must either take one additional semester of Personal Fitness and Health or satisfy specific Athletic Department requirements, namely participation for one full season as a CGHS junior varsity or varsity athlete, and pass a competency test in Personal Fitness, i.e. successfully complete a Drug Alcohol Traffic Education course, and successfully complete a CPR course.) (Prerequisite for sophomores: an A in Integrated or Earth Science, at least a B+ in freshman literature and the recommendation of a science teacher.)** (year course) (SUS)

0446-0447 BIOLOGY II - ADVANCED PLACEMENT is designed for those students planning to continue in science or a science-related major in college. It is a challenging, college- major level course that follows the curriculum outlined by the College Board. The three units covered are: molecules and cells, genetics and evolution, and organisms and populations. Laboratory experiences and analysis are an integral part of the course. The AP Biology exam is taken in May. Students enrolled in this class may be asked to participate in laboratory or review sessions outside of regular school hours. **(Prerequisites: at least a B+ in Biology I – Honors and the recommendation of a science teacher. Co-requisite: Chemistry.)** (year course) (SUS)

0420-0421 CHEMISTRY I is an in-depth study of chemical reactions, atomic theory, the periodic table of elements, and a general introduction to all upper level branches of chemistry. Lab experiments are included. The course meets one of the science requirements for graduation. **(Prerequisites: Algebra I, Geometry, and Biology I with an average of at least a "C". The student must have completed or be presently enrolled in Algebra II.)** (year course) (SUS)

0422-0423 CHEMISTRY I - HONORS is an accelerated program including the study of atomic theory, periodicity, chemical bonding, organic chemistry, and stoichiometry. **(Prerequisites: at least a B+ in Algebra I, Geometry, and Biology I, plus teacher recommendation. The student must have completed or be presently enrolled in Algebra II.)** (year course) (SUS)

0430-0431 CHEMISTRY II - ADVANCED PLACEMENT is designed for students planning to continue in science or a science-related area in college. It is taught on the college level and includes advanced topics such as

electrochemistry, thermochemistry, equilibrium, kinetics, gases and nuclear chemistry. The Advanced Placement syllabus provided by the College Board is followed. The AP test is taken in May. Students enrolled in this course may be asked to complete specific assignments during the summer, before classes begin in August. This course is open to juniors and seniors. Seniors get preference. **(Prerequisite: at least a B+ in Chemistry I – Honors and in Pre-Calculus, or current enrollment in Pre-Calculus, plus teacher recommendation. Candidates must pass a qualifying examination to the satisfaction of the instructor.)** (year course) (SUS)

0428-0429 CHEMISTRY II – ADVANCED PLACEMENT (DUAL ENROLLMENT) is designed for students planning to continue in science or a science-related area in college. It is taught on the college level and includes advanced topics such as electrochemistry, thermochemistry, equilibrium, kinetics, gases and nuclear chemistry. The Advanced Placement syllabus provided by the College Board is followed. The AP test is taken in May. Students enrolled in this course may be asked to complete specific assignments during the summer, before classes begin in August. This course is open to juniors and seniors. Seniors get preference. **(Prerequisites: a cumulative G.P.A. of at least 3.50; at least a B+ in Chemistry I – Honors; at least a B+ in Pre-Calculus or current enrollment in Pre-Calculus; teacher recommendation. Candidates must pass a qualifying examination to the satisfaction of the instructor. This course is dual enrollment eligible. Therefore, the student must register for Dual Enrollment.)** (The title of the college level course is GENERAL CHEMISTRY I/II, and its course numbers are CHE 101, CHE 101L, CHE 102 and CHE 102L.) (year course) (SUS)

0440-0441 PHYSICS I covers the topics of mechanics, heat, light, and electricity. Lab experiments are a major part of this course and some math is required to analyze data and solve problems. **(Prerequisites: Algebra I and Geometry. Co-requisite: Algebra II)** (year course) (SUS)

0442-0443 PHYSICS I - HONORS is designed for those students planning to continue in science or a science related area in college. Topics covered included mechanics, wave motion, light, heat and electricity. Math is used extensively to solve problems and analyze lab data, which is also an integral part of the course. **(Prerequisites: at least a B+ in Algebra II and in Chemistry I - Honors, and the recommendation of a science teacher. Co-requisite: Pre-Calculus.)** (year course) (SUS)

0444-0445 PHYSICS II - ADVANCED PLACEMENT is designed for students planning to continue in science or a science related area in college. It is taught on a college level and includes the topics of mechanics, energy, wave motion, heat, light, electricity and modern physics. The Advanced Placement Syllabus provided by the College Board is followed, and the AP test is taken in May. **(Prerequisites: at least a B+ in Pre-Calculus and in Physics I – Honors, and the recommendation of a science teacher. Candidates must pass a qualifying exam to the satisfaction of the instructor.)** (year course) (SUS)

0432 ANATOMY AND PHYSIOLOGY includes the study of the systems of the human body, stressing health and comparative vertebrate anatomy. Lab experiences are included. **(Prerequisite: Biology I and either Chemistry I or Physical Science) (Seniors get preference for this elective.)** (one semester) (SUS)

0460 ASTRONOMY is an introductory survey of the universe, the solar system, structure and motion of the earth and moon, formation and decay of stars, planetary motion, physical nature of the planets, comets and meteors, basic laws of astronomy, nebulae, and galactic structure. **(Prerequisite: Algebra I and Integrated Science or Biology)** (one semester) (SUS)

0450 ENVIRONMENTAL SCIENCE is an introductory survey course designed to expose the student to the complexity of environmental problems and the search for possible solutions. It is a laboratory course that stresses environmental concepts including humans and nature, ecosystems, natural resources, sustaining biodiversity, energy resource and environmental problems. **(Prerequisite: Biology I; Co-requisite: Chemistry or Physical Science)** (one semester) (SUS)

0435 MARINE SCIENCE includes geology, plate tectonics, the chemistry of sea water, paleontology, invertebrate zoology, botany, microbiology, ecology, climatology, and a study of the coastal wetlands and zones of the sea. **(Prerequisite: Biology I and either Chemistry I or Physical Science)** **(Seniors get preference for this elective)** (one semester) (SUS)

0470-0471 PHYSICAL SCIENCE stresses the study of basic concepts of Chemistry, Physics and Environmental Science. Laboratory work is included. The course meets one of the science requirements for graduation. (year course) (SUS)

SOCIAL STUDIES DEPARTMENT (0301-0399)

0340 AMERICAN GOVERNMENT examines the three branches of the Federal Government. Special emphasis is given to a survey of the individual citizen and his/her role in the system. (one semester) (SUS)

0341 AMERICAN GOVERNMENT - HONORS examines the framework, function, and relationship of the federal, state, and local governments. A detailed study of the constitution, of the three branches of the government, and how they deal with current issues are treated. Political parties, pressure groups, and the importance of citizen participation in the political process are emphasized throughout the course. **(Prerequisite: a cumulative G.P.A. of at least 3.50 and at least a 55 on the Verbal section of the PSAT. If class size permits and a student does not meet the previously mentioned prerequisites, then the department may consider the student's profile including G.P.A., PSAT verbal score, class rank, and past classroom performance.)** (one semester) (SUS)

0342 AMERICAN GOVERNMENT - ADVANCED PLACEMENT gives students an analytical perspective on government and politics in the United States. This course requires familiarity with the various institutions, groups, beliefs and ideas that constitute U.S. politics. Students take the A.P. exam in May. **(Prerequisite: at least a B in U.S. History – AP. If class size permits and a student does not meet the previously mentioned prerequisite, then the department may consider the student's profile including G.P.A., PSAT verbal score, class rank, and past classroom performance.)** (one semester) (SUS)

0325 CONTEMPORARY U.S. HISTORY focuses on the time period following World War II through the present. This elective course does not replace the required U.S. History course. **(Prerequisite: U.S. History)** (one semester) (SUS)

0350 ECONOMICS studies how society attempts to satisfy the wants of its members. A student business provides practical application of the American free enterprise system. (one semester) (SUS)

0351 ECONOMICS – HONORS is designed to challenge students by offering lecture material combined with primary and secondary reading requirements to enhance a greater understanding of all economic facets. Emphasis is stressed on applying micro and macro Economics as well as global issues that affect the market. Students will be challenged to apply Economics so that they have a comprehensive understanding of the business realm.

(Prerequisites: a cumulative G.P.A. of at least 3.80 and at least a 50 on the Verbal section of the PSAT. If class size permits and a student does not meet the previously mentioned prerequisites, then the department may consider the student's profile including G.P.A., PSAT verbal score, class rank, and past classroom performance.) (one semester) (SUS)

0353 MICRO-ECONOMICS – ADVANCED PLACEMENT is a college level course offered during the first semester. Emphasis is on markets, prices, distribution, labor force, and business competition. **(Prerequisite: a grade of B or higher in Economics – Honors)** (one semester) (SUS)

0352 MACRO-ECONOMICS – ADVANCED PLACEMENT is a college level course offered during the second semester. Emphasis is placed on the application of macro-economics to political and fiscal policies in the study of the large picture of World Economics. Students are challenged through discussions and writing of term papers. **(Prerequisite: a grade of B or higher in Economics – Honors)** (one semester) (SUS)

0320-0321 EUROPEAN HISTORY - ADVANCED PLACEMENT is designed to represent college level studies. Students are expected to learn the basic events and movements in European history from the Renaissance to the present and to develop an understanding of some of the principal themes in modern European history. Students are also challenged to analyze historical evidence and to express historical understanding in writing. **(Prerequisite: World History with an average of an "A", and the recommendation of the World History teacher. If class size permits and a student does not meet the previously mentioned prerequisites, then the department may consider the student's profile including G.P.A., PSAT verbal score, class rank, and past classroom performance.)** (year course) (SUS)

0323 EUROPEAN HISTORY – ADVANCED PLACEMENT (DUAL ENROLLMENT) is designed to represent college level studies. Students are expected to learn the basic events and movements in European history from the Renaissance to the present and to develop an understanding of some of the principal themes in modern European history. Students are also challenged to analyze historical evidence and to express historical understanding in writing. **(Prerequisites: a cumulative G.P.A. of at least 3.50; World History with an average of an "A", and the recommendation of the World History teacher. If class size permits and if a student does not meet the previously mentioned prerequisites, then the department may consider the student's profile including G.P.A., PSAT verbal score, class rank, and past classroom performance. This course is dual enrollment eligible. Therefore, the student may register for Dual Enrollment.)** (The title of the college level course is HISTORY OF WESTERN CIVILIZATION II, and its course number is HIS 102.) (second semester) (SUS)

0336 GLOBAL STUDIES provides students with the interdisciplinary knowledge, skills, attitudes, and values necessary to meet responsibilities as citizens of their community, state, nation, and the world at-large. (one semester) (SUS)

0962 INTRODUCTION TO BUSINESS – HONORS (DUAL ENROLLMENT) is a college level course in the principles underlying the management of all organizations, including objectives, policies, organization structure, coordination, control procedures, and environmental issues. Case studies are used extensively. **(Prerequisite: a cumulative G.P.A. of at least 3.50. This course is dual enrollment eligible. Therefore, the student may register for Dual Enrollment.)** (The title of the college level course is PRINCIPLES OF BUSINESS, and its course number is BUS 120.) (one semester)

0360 PSYCHOLOGY is concerned with the basic nature of man, the fundamental principles of human behavior, and the patterning of personality development. Emphasis is placed on understanding oneself and on the fundamentals of modern psychology. This course is an excellent preparation for the study of behavioral science at the college level. (one semester) (SUS)

0361 PSYCHOLOGY - HONORS is a more thorough study of the topics covered in Psychology. Students are exposed to the psychological theory, principles and phenomena associated with each of the major subfields within psychology. They also learn about methods psychologists use in their science and practice. **(Prerequisites: a cumulative G.P.A. of at least 3.50 and at least a 55 on the Verbal section of the PSAT. If class size permits and a student does not meet the previously mentioned prerequisites, then the department may consider the student's profile including G.P.A., PSAT verbal score, class rank, and past classroom performance.)** (one semester) (SUS)

0363 PSYCHOLOGY – HONORS (DUAL ENROLLMENT) is a more thorough study of the topics covered in Psychology. Students are exposed to the psychological theory, principles and phenomena associated with each of the major subfields within psychology. They also learn about methods psychologists use in their science and practice. **(Prerequisites: a cumulative G.P.A. of at least 3.50 and at least a 55 on the verbal section of the PSAT. If class size permits and if a student does not meet the previously mentioned prerequisites, then the department may consider the student's profile including G.P.A., PSAT verbal score, class rank, and past classroom performance. This course is dual enrollment eligible. Therefore, the student may register for Dual Enrollment.)** (The title of the college level course is INTRODUCTION TO PSYCHOLOGY, and its course number is PSY 201.) (one semester) (SUS)

0362 PSYCHOLOGY – ADVANCED PLACEMENT is a continuation of the systematic and scientific study of the behavior and mental processes of human beings and other animals. Included is a consideration of the psychological facts, principles and phenomena associated with each of the major subfields within psychology. Students also learn about the ethics and methods psychologists use in their science and practice. **(Prerequisites: a cumulative G.P.A. of at least 3.80 and at least a 58 on the verbal section of the PSAT. If class size permits and if a student does not meet the previously mentioned prerequisites, then the department may consider the student's profile including G.P.A., PSAT verbal score, class rank, and past classroom performance.)** (one semester) (SUS)

0364 PSYCHOLOGY – ADVANCED PLACEMENT (DUAL ENROLLMENT) is a continuation of the systematic and scientific study of the behavior and mental processes of human beings and other animals. Included is a consideration of the psychological facts, principles and phenomena associated with each of the major subfields within psychology. Students also learn about the ethics and methods psychologists use in their science and practice. **(Prerequisites: a cumulative G.P.A. of at least 3.80 and at least a 58 on the verbal section of the PSAT. If class size permits and if a student does not meet the previously mentioned prerequisites, then the department may consider the student's profile including G.P.A., PSAT verbal score, class rank, and past classroom performance. This course is dual enrollment eligible. Therefore, the student may register for Dual Enrollment.)** (The title of the college level course is APPLIED PSYCHOLOGY, and its course number is PSY 260.) (one semester) (SUS)

0343 SOCIOLOGY is a course in which students acquire an understanding of group interaction and its impact on individuals and society in order that they may have a greater awareness of the beliefs, values, and behavior patterns of others. The developing young adult addresses issues including communication, sexuality, compatibility, and budgeting. (one semester) (SUS)

0330-0331 U.S. HISTORY is required of all juniors. It examines the events in history that shaped the United States and its democratic heritage. Course 0330 covers the events from early European colonization through the end of the Industrial Period. Course 0331 covers the U.S. becoming a world power (1900) to the present. (year course) (SUS)

0332-0333 U.S. HISTORY - HONORS is designed to challenge students by offering enhanced lecture material along with in-depth reading assignments to obtain a greater understanding of critical issues that helped shape our nation. Emphasis in this course is on the development of critical thinking skills. **(Prerequisite: a cumulative G.P.A. of at least 3.50 and at least a 55 on the Verbal section of the PSAT. If class size permits and a student does not meet the previously mentioned prerequisites, then the department may consider the student's profile including G.P.A., PSAT verbal score, class rank, and past classroom performance.)** (year course) (SUS)

0334-0335 U.S. HISTORY - ADVANCED PLACEMENT is designed to represent college level history studies. Students are expected to achieve college level writing skills, knowledge of historical events and concepts, and the ability to interpret historical documents. The course is intended for students who possess strong backgrounds in history and writing. Students are required to write four (4) historical essays and four (4) documentary based essays per semester. Students take the nationally standardized AP exam in May. **(Prerequisite: a cumulative G.P.A. of at least 3.80 and at least a 58 on the Verbal section of the PSAT. If class size permits and a student does not meet the previously mentioned prerequisites, then the department may consider the student's profile including G.P.A., PSAT verbal score, class rank, and past classroom performance.)** (year course) (SUS)

0370 WORLD GEOGRAPHY is a survey course covering physical, political, and socio-economic geography. Emphasis is placed on developing a global awareness of world nations, cultures, and resources. (semester course) (SUS)

0310-0311 WORLD HISTORY is required of all freshmen. It focuses on the earliest known people and traces the development of world cultures and civilizations to the present time. Course 0310 traces the development of the earliest known people and their cultures to the end of the Protestant Reformation. Course 0311 covers the Age of Revolutions, namely the English, French, and American, and the World Wars to contemporary times. (year course) (SUS)

0312-0313 WORLD HISTORY - HONORS begins with the earliest known people and traces that development of world cultures and civilizations to the present time. Special emphasis is given to the development of critical thinking skills and written expression. **(Prerequisite: Admission into this course will be based upon a review of the student's profile, including High School Placement Test scores, grades earned in the 7th and 8th grades, and recommendations from the 8th grade teachers.)** (year course) (SUS)

0393 WORLD RELIGIONS is the study of comparative world religions with the view to respect and gain knowledge of non-Catholic religious traditions. Within the context, consideration is given to Christian worship in the Catholic tradition. (one semester) (SUS)

0371 WORLD RELIGIONS II - HONORS (DE) is an introduction to the "native," "animistic" or "oral" religious traditions, to nearly all the large or "world" religious traditions (for example, Hinduism, Buddhism, Judaism, Christianity, Islam) and to a number of contemporary offshoots or "alternatives" to the major world religions. **(Prerequisites: Cumulative G.P.A. of at least 3.50 and the permission of the teacher)** (This

course is dual enrollment eligible. Therefore, the student must register for Dual Enrollment.) (grades 11-12) (one semester)

0394 JEWISH HISTORY will provide the students with an understanding of the Jewish people through an overview of significant events that have affected their development. Students will use literature and the Bible as an introduction to Hebrew Scriptures. (one semester) (SUS)

0395 ARCHEOLOGY introduces students to literature and the Bible, especially the New Testament, as historical documents that provide an understanding of the process used to create and interpret history. Emphasis is placed on modern exegetical methods of biblical research. Students will engage in an in-depth analysis and study of the literature in historical context and its impact on Western culture. (one semester) (SUS)

0396 GLOBAL STUDIES I provides students with the interdisciplinary knowledge, skills, attitudes, and values necessary to demonstrate a substantive knowledge of the major issues and challenges facing our world at the present time and foreseeable future. Students will also demonstrate their capability to become active participants in decisions affecting their future, their relationship with their faith, and the future of the world. (one semester) (SUS)

0397 GLOBAL STUDIES II provides students with the interdisciplinary knowledge, skills, attitudes, and values necessary to meet responsibilities as citizens of their community, state, nation, and the world at-large. (one semester) (SUS)

0398 MULTICULTURAL STUDIES provides the students with the knowledge to understand the multicultural basis of American and Catholic society. Students will be challenged to understand how contemporary civilizations depend on the contributions of past civilizations. Students learn from the past to live life to the fullest and not superficially. Historical evidence will be used to demonstrate how the mystery of death has influenced our current culture. (one semester) (SUS)

0399 SOCIOLOGY is a course in which students acquire an understanding of group interaction and its impact on individuals and society in order that they may have a greater awareness of the beliefs, values, and behavior patterns of others. The developing young adult addresses issues including communication, sexuality, compatibility, and budgeting. (one semester) (SUS)

TECHNOLOGY DEPARTMENT (0901-0949)

0909 DIGITAL DESIGN I is a project based digital photography course. The student will develop career and communication skills in print and graphic design using Adobe design tools. The course develops key digital communication skills: design, communication, project management and web technology. **(Prerequisite: Permission of the teacher)** (one semester)

0910 DIGITAL DESIGN II is a project based digital photography course. The student will develop career and communication skills in print and graphic design using Adobe design tools. The course develops key digital communication skills: design, communication, project management and web technology. **(Prerequisites: Digital Design I and permission of the teacher)** (one semester)

0907 INFORMATION DESIGN I is a course in which students learn web design and production through the

use of Adobe web tools. This course develops key digital communication skills: design, communication, project management and web technology. **(Prerequisite: Permission of the teacher)** (one semester)

0908 INFORMATION DESIGN II is a course in which students learn web design and production through the use of Adobe web tools. This course develops key digital communication skills: design, communication, project management and web technology. **(Prerequisites: Information Design I and permission of the teacher)** (one semester)

0911 INTRODUCTION TO COMPUTERS (INTRODUCTION TO THE MACINTOSH COMPUTER) (Mac 101) is a hands-on course that provides an in-depth exploration of the Mac OS X Leopard operating system and its core applications – iLife and iWork. (one semester)

0912 APPLIED COMPUTER TECHNOLOGY (INTRODUCTION TO FINAL CUT) acquaints students with the primary feature set and basic interface of Final Cut Express, including video and audio capture, various editing and trimming techniques, finishing and final output. (Prerequisites: Information Design I, Information Design II and permission of the teacher) (one semester)

THEOLOGY DEPARTMENT (0003-0099)

0010 WORLD RELIGIONS is the study of comparative world religions with the view to respect and gain knowledge of non-Catholic religious traditions. Within the context, consideration is given to Christian worship in the Catholic tradition. (one semester) (SUS)

0020 JEWISH HISTORY: HEBREW SCRIPTURE will provide the students with an understanding of the Jewish people through an overview of significant events that have affected their development. Students will use literature and the Bible as an introduction to Hebrew Scriptures. (one semester) (SUS)

0021 ARCHEOLOGY: CHRISTIAN SCRIPTURE introduces students to literature and the Bible, especially the New Testament, as historical documents that provide an understanding of the process used to create and interpret history. Emphasis is placed on modern exegetical methods of biblical research. Students will engage in an in-depth analysis and study of the literature in historical context and its impact on Western culture. (one semester) (SUS)

0030 GLOBAL STUDIES I: ETHICS provides students with the interdisciplinary knowledge, skills, attitudes, and values necessary to demonstrate a substantive knowledge of the major issues and challenges facing our world at the present time and foreseeable future. Students will also demonstrate their capability to become active participants in decisions affecting their future, their relationship with their faith, and the future of the world. (one semester) (SUS)

0031 GLOBAL STUDIES II: SOCIAL JUSTICE provides students with the interdisciplinary knowledge, skills, attitudes, and values necessary to meet responsibilities as citizens of their community, state, nation, and the world at-large. (one semester) (SUS)

0040 MULTICULTURAL STUDIES provides the students with the knowledge to understand the multicultural basis of American and Catholic society. Students will be challenged to understand how contemporary civilizations depend on the contributions of past civilizations. Students learn from the past to live life to the fullest and not

superficially. Historical evidence will be used to demonstrate how the mystery of death has influenced our current culture. (one semester) (SUS)

0041 SOCIOLOGY is a course in which students acquire an understanding of group interaction and its impact on individuals and society in order that they may have a greater awareness of the beliefs, values, and behavior patterns of others. The developing young adult addresses issues including communication, sexuality, compatibility, and budgeting. (one semester) (SUS)

0060 LITURGY, SACRAMENTS AND CHRISTIAN PRAYER serves as an introduction to the study of the liturgy of the Roman Catholic Church, especially as it is expressed through the sacramental rites of the Church and the Church's teaching on Christian prayer. The course includes a liturgical and a para-liturgical practicum. **(Prerequisites: Application and permission of the teacher)** (grades 10-12) (one semester)

0061-0063 PEER COUNSELING I, II, III prepares students to share the Gospel of Christ in their daily lives as peer ministers in parish, school or community organizations. The course will help students to be aware of the personal and pastoral needs of others through the learning of active listening techniques, retreat planning and participation in the devotions of the Church with a concentrated focus on the social ministry of the Church. **(Prerequisites: Application and permission of the teacher)** (grades 10-12) (one semester)

0070 PHILOSOPHY – HONORS (DE) provides students with the interdisciplinary knowledge, skills, attitudes, and values necessary to meet responsibilities as citizens of their community, state, nation, and the world at-large. **(Prerequisites: Cumulative G.P.A. of at least 3.50 and the permission of the teacher) (This course is dual enrollment eligible. Therefore, the student must register for Dual Enrollment.)** (grade 11) (one semester) (SUS)

0071 WORLD RELIGIONS II - HONORS (DE) is an introduction to the “native,” “animistic” or “oral” religious traditions, to nearly all the large or “world” religious traditions (for example, Hinduism, Buddhism, Judaism, Christianity, Islam) and to a number of contemporary offshoots or “alternatives” to the major world religions. **(Prerequisites: Cumulative G.P.A. of at least 3.50 and the permission of the teacher) (This course is dual enrollment eligible. Therefore, the student must register for Dual Enrollment.)** (grades 11-12) (one semester)

WORLD LANGUAGE DEPARTMENT (0501-0599)

Note: Cardinal Gibbons High School requires a minimum of two consecutive years of a world language for graduation. Some colleges, universities, and pre-medical programs require three years of a world language.

0520 (521-522) FRENCH I is an introduction to basic French. Students will develop elementary communication skills in the areas of listening, writing, speaking, and reading. First-year vocabulary, grammar, and syntax will be stressed. The students will also be introduced to the customs and lifestyles of the Francophone world. (year course) (SUS)

0523 (524-525) FRENCH I – HONORS provides the student with the basic skills necessary to be proficient in a French speaking culture. The modern-day Francophone culture will be studied in relationship to the introduction and practice of theme based vocabulary. **(Prerequisite: Admission into this course will be based upon a review**

of the student's profile, including High School Placement Test scores, grades earned in the 7th and 8th grades, and recommendations from the 8th grade teachers.) (year course) (SUS)

0526 (527-528) FRENCH II builds on the foundation of French I, developing more complex structures, and continuing the study of the cultural aspects of the French-speaking world. **(Prerequisite: Incoming freshmen – Admission into this course will be based upon a review of the student's profile, including High School Placement Test scores, World Language Placement Test scores, grades earned in the 7th and 8th grades, and recommendations from the 8th grade teachers; Other Students - French I)** (year course) (SUS)

0529 (530-531) FRENCH II – HONORS continues the study of the French language through the expansion of vocabulary and the introduction of more complex skills. The continued study and appreciation of the Francophone world will be stressed. **(Prerequisite: Incoming freshmen – Admission into this course will be based upon a review of the student's profile, including High School Placement Test scores, World Language Placement Test scores, grades earned in the 7th and 8th grades, and recommendations from the 8th grade teachers; Other students: French I – Honors)** (year course) (SUS)

0532 (533-534) FRENCH III - HONORS builds on the foundation in French II, while placing emphasis on the literature and culture through conversation and composition. **(Prerequisites: an A or B in final grade of French II - Honors, a cumulative G.P.A. of at least 3.50 and/or the permission of the teacher)** (year course) (SUS)

0544 FRENCH III – HONORS (DUAL ENROLLMENT) builds on the foundation in French II, while placing emphasis on the literature and culture through conversation and composition. **(Prerequisites: an A or B in final grade of French II - Honors, a cumulative G.P.A. of at least 3.50, and the permission of the teacher. This course is dual enrollment eligible. Therefore, the student must register for Dual Enrollment.)** (The title of the college level course is INTRODUCTION TO FRENCH I/II, and its course numbers are FRE 101 and FRE 102.) (year course) (SUS)

0535 (536-537) FRENCH IV - HONORS is designed for students who have mastered the basic skills. It includes continued development of oral language skills, advanced grammar, writing, and literature. **(Prerequisite: an A or B in final grade of French III - Honors, a cumulative G.P.A. of at least 3.50 and/or the permission of the teacher)** (year course) (SUS)

0545 FRENCH IV – HONORS (DUAL ENROLLMENT) is designed for students who have mastered the basic skills. It includes continued development of oral language skills, advanced grammar, writing, and literature. **(Prerequisites: an A or B in final grade of French III - Honors, a cumulative G.P.A. of at least 3.50, and the permission of the teacher. This course is dual enrollment eligible. Therefore, the student must register for Dual Enrollment.)** (The title of the college level course is INTRODUCTION TO FRENCH I/II, and its course numbers are FRE 101 and FRE 102.) (year course) (SUS)

0538 (539-540) FRENCH V - LANGUAGE – ADVANCED PLACEMENT is designed for those students who have mastered the more complex language skills. The students must take the AP exam. **(Prerequisite: an A or B in final grade of French III – Honors, a cumulative G.P.A. of at least 3.50 and/or the permission of the teacher)** (year course) (SUS)

0546 FRENCH V – LANGUAGE - ADVANCED PLACEMENT (DUAL ENROLLMENT) is designed for those students who have mastered the more complex language skills. The students must take the AP exam. **(Prerequisites: an A or B in final grade of French III – Honors, a cumulative G.P.A. of at least 3.50, and**

the permission of the teacher. This course is dual enrollment eligible. Therefore, the student must register for Dual Enrollment.) (The title of the college level course is INTRODUCTION TO FRENCH I/II, and its course numbers are FRE 101 and FRE 102.) (year course) (SUS)

0511 (512-513) LATIN I - HONORS lays the foundation for understanding the structure of the "mother" of modern Western languages. It aims to achieve reading ability of classical authors, better mastery of English, and training of the mind to logical thinking. Students take the National Latin Exam in March. **(Prerequisite: Admission into this course will be based upon a review of the student's profile, including High School Placement Test scores, grades earned in the 7th and 8th grades, and recommendations from the 8th grade teachers.)** (year course) (SUS)

0514 (515-516) LATIN II - HONORS strengthens skills acquired in Latin I - Honors. It continues to develop the ability to read and comprehend Latin. Specific emphasis is placed on the influence of Latin in the English language. Students take the National Latin Exam in March. **(Prerequisite: Latin I - Honors)** (year course) (SUS)

0550 (551-552) SPANISH I (Basic) is designed to provide an introduction to the language and culture of the Spanish-speaking world. Listening, speaking, and writing skills necessary to succeed in the workplace are taught. Emphasis is on high-frequency vocabulary and expressions of contemporary spoken Spanish in conjunction with appropriate usage. **(Prerequisite: teacher recommendation)** (year course) (SUS)

0553 (554-555) SPANISH I provides an introduction to the language and culture of the Spanish-speaking world. It concentrates on the four basic language skills: listening, speaking, reading and writing. The emphasis is on high-frequency words and expressions of contemporary spoken Spanish, supported by appropriate grammar. (year course) (SUS)

0556 (557-558) SPANISH I – Honors lays the foundation for understanding the language and culture of the Spanish-speaking world. It is designed for students with a high aptitude for language. The four basic language skills are emphasized at an accelerated pace. Content includes high-frequency words and expressions of contemporary spoken Spanish supported by appropriate grammar. **(Prerequisite: Admission into this course will be based upon a review of the student's profile, including High School Placement Test scores, grades earned in the 7th and 8th grades, and recommendations from the 8th grade teachers.)** (year course) (SUS)

0562 (563-564) SPANISH II (Basic) builds on the foundation of Spanish I. Continued emphasis of the required listening, speaking and writing skills necessary to succeed in the workplace is stressed. **(Prerequisite: Spanish I (0540) or recommendation of the teacher)** (year course) (SUS)

0565 (566-567) SPANISH II builds on the foundation of Spanish I, using more complex structures of basic Spanish and expands on the cultural themes already set forth. **(Prerequisite: Incoming freshmen – Admission into this course will be based upon a review of the student's profile, including High School Placement Test scores, World Language Placement Test scores, grades earned in the 7th and 8th grades, and recommendations from the 8th grade teachers; Other Students - Spanish I)** (year course) (SUS)

0568 (569-570) SPANISH II – HONORS builds on the foundation of Spanish I – Honors. A continuous accelerated study stresses Spanish grammar, vocabulary and culture. There will be more emphasis on both the speaking and writing skills. **(Prerequisite: Incoming freshmen – Admission into this course will be based upon a review of the student's profile, including High School Placement Test scores, World Language**

Placement Test scores, grades earned in the 7th and 8th grades, and recommendations from the 8th grade teachers; Other Students - Spanish I - Honors) (year course) (SUS)

0574 (575-576) SPANISH III extends the work of Spanish 2, presents more complex structures, and continues with more advanced cultural and literary readings. **(Prerequisites: sophomores, juniors or seniors with a cumulative G.P.A. of at least 3.0, an A or B in Spanish II, and/or the permission of the teacher)** (year course) (SUS)

0577 (578-579) SPANISH III - HONORS is designed to expand on the basics to acquire a higher level of mastery in grammar. Proficiency in the areas of oral and written work will be stressed. The students will also read two short novels in Spanish. **(Prerequisites: sophomores, juniors or seniors with a cumulative G.P.A. of at least 3.5, an A or B+ in Spanish II and/or the permission of the teacher)** (year course) (SUS)

0589-0590 SPANISH III – HONORS (DUAL ENROLLMENT) is designed to expand on the basics to acquire a higher level of mastery in grammar. Proficiency in the areas of oral and written work will be stressed. The students will also read two short novels in Spanish. **(Prerequisites: sophomores, juniors or seniors with an A or B+ in final grade of Spanish II, a cumulative G.P.A. of at least 3.50, and/or the permission of the teacher. This course is dual enrollment eligible. Therefore, the student must register for Dual Enrollment.)** (The title of the college level course is INTRODUCTION TO SPANISH I/II, and its course numbers are SPA 101 and SPA 102.) (year course) (SUS)

0583 (584-585) SPANISH IV - HONORS is designed for students who have mastered the basics of the Spanish language. It includes continued development of oral language skills, advanced grammar, writing, and literature. **(Prerequisites: juniors or seniors with a cumulative G.P.A. of at least 3.8, an A or B in Spanish III and/or the permission of the teacher)** (year course) (SUS)

0593-0594 SPANISH IV – Dual Enrollment Intensive review of grammar, syntax, structure and orthography, with special attention given to the use of subjunctive, translation and paraphrasing of selected reading materials. **(Prerequisites: juniors or seniors with a cumulative G.P.A. of at least 3.8, an A or B in Spanish III and/or the permission of the teacher. This course is dual enrollment eligible. Therefore, the student must register for Dual Enrollment.)** (The title of the college level course is Spanish IV and its course numbers are SPA 121 and SPA 122) (year course) (SUS)

0586 (587-588) SPANISH V - LANGUAGE – ADVANCED PLACEMENT is designed for the students who have mastered the intermediate levels of the language and wish to take the AP exam. **(Prerequisite: a cumulative G.P.A. of at least 3.80 and an A in Spanish IV and/or permission of the teacher)** (year course) (SUS)

0591-0592 SPANISH V – LANGUAGE - ADVANCED PLACEMENT (DUAL ENROLLMENT) is designed for the students who have mastered the intermediate levels of the language and wish to take the AP exam. **(Prerequisites: an A in final grade of Spanish IV, a cumulative G.P.A. of at least 3.80, and/or the permission of the teacher. This course is dual enrollment eligible. Therefore, the student must register for Dual Enrollment.)** (The titles of the college level courses are SPANISH: INTERMEDIATE GRAMMAR, COMPOSITION AND READING and SPANISH: INTERMEDIATE READING, COMPOSITION AND CONVERSATION, and its course numbers are SPA 201 and SPA 202.) (year course) (SUS)

Other Opportunities for Courses

SPRING SCHOOL COURSES: Each spring, Cardinal Gibbons High School offers an array of half-credit courses for remediation purposes. The Forgiveness Rule established by Cardinal Gibbons High School is based upon the Florida statutes and applies for all spring school courses.

SUMMER SCHOOL COURSES: Each summer, Cardinal Gibbons High School offers an array of half-credit or quarter-credit courses for remedial, repeat or enrichment purposes. Although grades for first impulse purposes are not included in the GPA calculated by CGHS, they may be included in the GPA calculations made by the colleges, NCAA, and/or the Bright Futures Scholarship program.

FORGIVENESS RULE: As authorized by Section 1003.43 (5) (e) 1, Florida Statutes, Cardinal Gibbons High School has established a policy for course forgiveness. The student should repeat the course for forgiveness within the year it occurs. If a student repeats a course, then the forgiven course is awarded no credit toward the 24 credits required for graduation. The forgiven course must remain on the student's transcript, but it is not calculated in the student's grade point average. The opportunity for course forgiveness must be limited to replacing a grade of D+, D or F with a grade of C or higher earned subsequently in the same or comparable course. If a student remediates an advanced placement or honors level course, then the new grade will be calculated in the grade point average using the standard scale on the weighted quality point table.

COURSE TAKEN THROUGH ACCREDITED INSTITUTIONS OTHER THAN CGHS: A student who wishes to take an elective for credit must have prior approval from the Administration and from Guidance. Note that the course name, credit, and grade are recorded on the student's transcript. Although the grade is not included in the GPA calculated by CGHS, it may be included in the GPA calculations made by the colleges, NCAA, and/or the Bright Futures Scholarship program.

CLASS RANK, GRADE POINT AVERAGE AND HONOR ROLL

CLASS RANK: Class rank is based on the cumulative weighted Grade Point Average (GPA).

GRADE POINT AVERAGE: All courses are assigned weights or "Quality Points" according to their challenge and demand. (See Weighted Quality Point Table) The cumulative weighted GPA is determined by dividing the total Quality Points by the total credits attempted in grades nine (9) through twelve (12). Quality points do not affect the amount of credit given per course. It is important to note that one-quarter credit is given for each quarter credit course, one-half credit is granted for each semester course and one full credit is granted for each year course of successful academic work.

HONOR ROLL: Students with a GPA of at least 3.70 and no grades lower than a C+ are placed on the Honor Roll. The Honor Roll is determined by the Quarter Grades in the first and third quarters and the Semester Grades in the second and fourth quarters.

WEIGHTED QUALITY POINT TABLE					
	GRADE	BASIC	STANDARD	HONORS	A.P.
A+	96-100	3	4	5	5.5
A	90-95	3	4	5	5.5
B+	85-89	2.5	3.5	4.5	5
B	80-84	2	3	4	4.5
C+	75-79	1.75	2.5	3.5	4
C	70-74	1.5	2	3	3.5
D+	65-69	1.25	1.5	1.5	1.5
D	60-64	1	1	1	1
F	below 60	0	0	0	0

ADVANCED PLACEMENT CLASSES

American Government	Art Drawing Portfolio	Biology II	British Literature
Calculus AB & BC	Chemistry II	Composition IV	European History
French V - Lang.	Macro-Economics	Micro-Economics	Physics II
Psychology	Spanish V - Lang.	Statistics	U.S. History

HONORS CLASSES

Algebra I	Algebra II	American Govt.	American Literature
Band II	Biology I	British Lit.	Calculus
Chemistry I	Chorus II	Composition II-IV	Economics
French I - IV	Geometry	Intro. Business	Jazz Ensemble II
Journalism IIII	Latin I, II	Orchestra II	Philosophy
Physics I	Pre-Calculus	Psychology	Spanish I - IV
Statistics	Types of Literature	U.S. History	Western Eur. Lit.
World History	World Religions II		

BASIC CLASSES

Teacher's Aide	Office Aide	Dean's Aide	PE Aide
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