Celebration High School

Curriculum Guide

2019 - 2020
ADMINISTRATION
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Ms. Kelly Myers, Asst. Principal
Ms. Jacqueline Miglionico, Asst. Principal
Mr. Michael Zella, Asst. Principal
Jamie Martin, Administrative Assistant
Lurdez Castello, Bookkeeper

Demetrik Harris, Graduation/MTSS Coach
Cynthia Hassel, Resource Compliance Specialist
Naidaly Arroyo, ESOL Compliance Specialist
Aaron Foley, IB Coordinator
Mary L. Sanchez, Guidance Director

STUDENT SERVICES
Lauren Osborne, Dean
Kelly Walton, Dean
Beltran Munoz, Dean
John Armour, Dean
Cheryl Vicari, Clerk/Typist
Verna Bernard Davies, Nurse
Pat Lynch, Attendance
Jason Teems, School Resource Officer
Richard Ortiz, School Resource Officer

GUIDANCE
Sue Bates, Counselor - 504 and College Board Testing Coordinator
Deana Heatherly, Counselor - Grades 9-12 (A-C)
Virgina Judge, Counselor - Grades 9-12 (D-H)
Kirsten Ritter, Counselor - Grades 9-12 (I-M)
Mary Hernandez, Counselor - Grades 9-12 (N-R)
Mary L. Sanchez Campos - Grades 9-12 (S-Z)
Kate Jacobs, IB Counselor
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Belinda Davila, Clerk/Typist

ATHLETICS
Rick Tribit, Athletic Director
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Celebration, Florida 34747
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Welcome to your 2019-2020 curriculum guide! Please understand that it is very important that you choose classes for the upcoming year that will not only interest you, but that will challenge you as well. Make sure that you read through the curriculum guide, and if you follow these steps, it will help ensure that you are in the correct classes and that you have an outstanding 2019-2020 school year.

1. Review your graduation requirements.
2. Consider your plans past graduation.
4. Choose your electives (check all prerequisites).
5. Review your choices with your parents/guardians and teachers.
6. Turn in your class pick sheet to your guidance counselor.

**Honors and Advanced Level Course Note**

Academic rigor is more than simply assigning to students a greater quantity of work. Through the application, analysis, evaluation, and creation of complex ideas that are often abstract and multi-faceted, students are challenged to think and collaborate critically on the content they are learning.

**Schedule Change Policy**

Once the school year begins, changes to class selections are made only for the following valid reasons: computer error, failing a required class, passing a class in summer school, lacking a graduation requirement, or lacking an appropriate prerequisite. All schedule changes must be approved by an Administrator and Guidance Counselor.

Please understand that classes or lunch placement are NOT changed for teacher or social preference. Any request for these reasons will be denied. Also, failure to complete your summer reading does not constitute a valid reason for a class change.

**Graduation Requirements**

On the following pages, you will find information specific to your graduation year. Think about the year that you will graduate from Celebration High School. This year is classified as your cohort year.
### GRADUATION REQUIREMENTS

for

- **Students Entering Grade 9 in 2016 – 2017 Graduation Year 2020**
- **Students Entering Grade 9 in 2017 – 2018 Graduation Year 2021**
- **Students Entering Grade 9 in 2018 – 2019 Graduation Year 2022**
- **Students Entering Grade 9 in 2019 – 2020 Graduation Year 2023**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits Required</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>English</strong></td>
<td>4 Credits</td>
</tr>
</tbody>
</table>
| **Mathematics**             | 1 Credit Algebra (EOC=30% of final grade)  
  1 Credit Geometry (EOC=30% of final grade)  
  2 Credits Additional Math |
| **Science**                 | 1 Credit Biology (EOC=30% of final grade)  
  2 Credits Additional Science identified as Equally Rigorous |
| **Social Studies**          | 1 Credit World History  
  1 Credit United States History (EOC =30% of final grade)  
  .5 Credit United States Gov’t  
  .5 Credit Economics w/Financial Literacy |
| **World Languages**         | Not required for graduation. Minimum 2 years of the same language required for admission into most universities and some Bright Futures Scholarships. |
| **Fine and Performing Arts, Speech/Debate, or Practical Arts** | 1 Credit in Fine or Performing Arts, Speech and Debate, or eligible Practical Arts |
| **Physical Education*** | Option 1: .5 Credit Personal Fitness and .5 Credit PE  
<table>
<thead>
<tr>
<th>* 2 credits of JROTC satisfy this requirement</th>
<th>Option 2: 1 Credit in Physical Education to include the integration of Health (HOPE) available through OVSS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Electives</strong></td>
<td>8 Credits</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>24 Credits</td>
</tr>
</tbody>
</table>
| **State Assessments*** | Students must earn a passing score on the Grade 10 ELA statewide standardized assessment or concordant score  
Students must earn a passing score on the Algebra 1 EOC or concordant score |
| **On-Line Course** | Requires a full course to be completed |
| **Grade Point Average** | Cumulative GPA of 2.0 on a 4.0 scale (unweighted) |
Advanced Placement (AP) courses are recommended for outstanding students. These courses are very challenging and are taught on a college level. There are extensive outside assignments and reading involved in these courses. At the end of the course a standardized exam is taken on a national test day for each course. Students who earn a 3 or better on the test can earn college credit for the course. Each college has a unique acceptance policy for AP credits so it is strongly recommended that you review the policy for the college you wish to attend. Below is recommended course of study prepared by the county curriculum department.

<table>
<thead>
<tr>
<th>Grade 9</th>
<th>English</th>
<th>Math</th>
<th>Science</th>
<th>Social Studies</th>
<th>Fine/Perf. Art &amp; Physical Education</th>
<th>Elective</th>
<th>Elective</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>English 1 Honors</td>
<td>*Geometry Honors</td>
<td>*Biology Honors</td>
<td>AP Human Geography</td>
<td>Personal Fitness/PE</td>
<td>Foreign Language I</td>
<td>Elective</td>
</tr>
<tr>
<td>Grade 10</td>
<td>English 2 Honors</td>
<td>Algebra II Honors</td>
<td>Chemistry Honors or Physics Honors</td>
<td>AP World History</td>
<td>Performing or Practical Art **AP European</td>
<td>Foreign Language II</td>
<td>AP Music Theory AP Comp. Sci Prin</td>
</tr>
<tr>
<td></td>
<td>AP English Language</td>
<td>Pre-calculus Honors</td>
<td>Chemistry Honors, Physics Honors or AP Science: Chemistry, Physics, Biology or Environmental Science</td>
<td>AP U.S. History</td>
<td>**AP Psychology, AP European History or AP Statistics</td>
<td>**Physics Honors or Foreign Language III</td>
<td>AP Music Theory AP Comp. Sci Prin AP 2-D Art</td>
</tr>
<tr>
<td>Grade 11</td>
<td>AP English Literature</td>
<td>AP Calculus</td>
<td>AP Science: Chemistry, Physics, Biology or Environmental Science</td>
<td>AP U.S. Government/ AP Macro or Micro Economics</td>
<td>**AP Psychology or AP Statistics</td>
<td>AP Foreign Language</td>
<td></td>
</tr>
<tr>
<td>Grade 12</td>
<td>AP English Literature</td>
<td>AP Calculus</td>
<td>AP Science: Chemistry, Physics, Biology or Environmental Science</td>
<td>AP U.S. Government/ AP Macro or Micro Economics</td>
<td>**AP Psychology or AP Statistics</td>
<td>AP Foreign Language</td>
<td>AP Music Theory AP Comp. Sci Prin</td>
</tr>
</tbody>
</table>

* Assumes student successfully completed Algebra 1 Honors and Physical Science Honors in middle school.

** Final course selection in the junior and senior years will be determined by student interest and future goals; course offering may vary at individual high schools.
Celebration High School
2019-2020
Course Descriptions
All AFJROTC courses require the student to wear the uniform once a week to all classes. In addition, the student is required to meet USAF grooming standards as they relate to hair, jewelry, earrings, facial hair, etc. Prospective students should make certain they know these requirements prior to enrollment. Failure to wear the uniform or meet grooming standards will result in failure of the course. Note: Additional content will be covered so that the curriculum for this course is 40% Aerospace Science, 40% leadership, and 20% wellness. Two years of AFJROTC will meet the graduation requirement for HOPE and a PERFORMING ART.

1800300
Aerospace Science 1
This course is an aviation history course focusing on the development of flight through the centuries. It starts with ancient civilizations, then progresses through time to modern day. The emphasis is on civilian and military contributions to aviation; the development, modernizations, and transformation of the Air Force; and a brief astronomical and space exploration history. It is interspersed with concise overviews of the principals of flight to include basic aeronautics, aircraft motion and control, flight power, and rockets. Students also develop citizenship, character, wellness, health and fitness. Students practice basic drill techniques and conduct military ceremonies.

Prereq: None
Grades(s): 9-12 Credit: 1.0

1800310
Aerospace Science 2
This course provides increased international awareness and insight into foreign affairs that permits a more educated understanding of other cultures and enhanced knowledge of America’s interests and role in the world. Geopolitical issues such as terrorism, economics, politics, military issues, human rights and other cultural issues will be examined. The regional areas included in this course are Europe, the Middle East, South Asia, East Asia, Africa, and Latin America. An option for the second year students is to acquaint them with the aerospace environment, the human requirements of flight, principles of aircraft flight and navigation. Students will also develop effective communication skills, the understanding of human and group behavior, and basic leadership concepts. Student practice drill movements and observe military customs and ceremonies.

Prereq: AFJROTC 1
Grades(s): 9-12 Credit: 1.0

1800320
Aerospace Science 3
The purpose of this course is to enable students to develop knowledge of the space environment, space programs and technology, and manned space flight. An in-depth study of the Solar System, the terrestrial planets and the outer planets is covered as well. Students will also develop knowledge and skills related to planning for postsecondary education or employment, financial planning, and career opportunities. Students polish their skills in marching and conducting military ceremonies.

Prereq: AFJROTC 2
Grades(s): 9-12 Credit: 1.0

1800330
Aerospace Science 4
The purpose of this course is to provide an understanding of the United States Air Force. It discusses the National Security Strategy and gives a brief history of the military. The policies of former administration are discussed. It covers the defense structure of the United States to include descriptions of the objectives, mission, and organization of the Armed Forces. This course will guide students to an understanding of the fundamentals of management, managing yourself and others. Emphasis is placed on allowing the student to see himself/herself as a manager. Attendances to the four building blocks of leadership are considered. The four areas are: Management Techniques, Managements Decisions, Management Functions, & Managing Self and Others.

Prereq: AFJROTC 3
Grade: 9-12 Credit: 1.0
**ART/VISUAL ARTS**

**0101300**

2-D Studio Art 1

The purpose of this course is to promote the enjoyment and appreciation of art as students experiment with the media and techniques used to create two-dimensional (2-D) artworks, including drawing, painting, printmaking, collage, and more.

Prereq: None

Grade(s): 9-12 Credit: 1.0

**0101310**

2-D Studio Art 2

The purpose of this intermediate-level course is to promote the enjoyment and appreciation of art as students strengthen their use of media and techniques to create both teacher-assigned and self-directed two-dimensional (2-D) artworks, which may include drawing, painting, printmaking, collage, and more.

Prereq: 2-D Art I

Grade(s): 10-12 Credit: 1.0

**01013200**

2-D Studio Art 3 Honors

The purpose of this honors course is to promote the enjoyment and appreciation of art as students refine their use of media and techniques to create primarily self-directed, two-dimensional (2-D) artworks at high levels of proficiency and independence.

Prereq: 2-D Art II (90/A or higher) and Pre-approval

Grade(s): 11-12 Credit: 1.0

**0109350**

AP Studio Art 2-D

The 2-D Design portfolio addresses two-dimensional design issues and involves decision making about how to use the elements and principles of art in an integrative way. Students' portfolios demonstrate skills and ideas developed, refined, and applied throughout the course to produce visual compositions.

Prereq: 2-D Art III Honors (90/A or higher) and Pre-approval

Grade(s): 11-12 Credit: 1.0

**0104300**

AP Studio Art Drawing

The Drawing portfolio is intended to address a very broad interpretation of drawing issues and media. Line quality, light and shade, rendering of form, composition, surface manipulation, the illusion of depth and mark-making are drawing issues that can be addressed through a variety of means. Abstract, observational, and invented works may demonstrate drawing competence.

Prereq: 2-D Art III Honors (90/A or higher) and Pre-approval

Grade(s): 11-12 Credit: 1.0

**0100300**

AP Art History

Course explores 250 works of art characterized by diverse artistic traditions from prehistory to the present. The course fosters in-depth holistic understanding of the history of art from a global perspective. Students will experience, research, discuss, read, and write about art, artists, art making, and interpretations of art.

Prereq: None

Grade(s): 9-12 Credit: 1.0
DANCE

0300310
Dance Techniques 1
The purpose of this course is to learn foundational skills in ballet and modern dance. Development of fundamental dance technique is enriched and enlivened through study of works by a variety of diverse artists, developing genre-specific movement vocabulary and dance terminology, and building knowledge and skills related to somatic practices, dance composition, analysis of effort and outcomes, dance history and culture, collaborative work, and rehearsal and performance protocols.
Prereq: None
Grade(s): 9-12 Credits 1.0

0300320
Dance Techniques 2
The purpose of this course is to build on previously acquired knowledge and fundamental technical skills in two or more dance forms, focusing on developing the aesthetic quality of movement in the ensemble and as an individual.
Prereq: Dance Techniques 1
Grade(s): 10-12 Credits 1.0

0300330
Dance Techniques 3 Honors
The purpose of this course is for students, who have mastered the basics in two or more dance forms, to build technical and creative skills with a focus on developing the aesthetic quality of movement in the ensemble and as an individual.
Prereq: Dance Techniques 2
Grade(s): 11-12 Credits 1.0

0300334
Dance Techniques 4 Honors
Students in this year-long, advanced dance techniques class build on skills learned in previous dance classes to improve their performance in two or more dance styles. During the class, students perform sequences of increasing complexity to advance their technical skills.
Prereq: Dance Techniques 2
Grade(s): 11-12 Credits 1.0

DEBATE

1007330
Debate 1
The purpose of this course is to develop students’ beginning awareness, understanding, and application of language arts as it applies to oral communication concepts and strategies for public debate in a variety of given settings.
Grade: 9-12 Credit: 1.0

1007340
Debate 2
The purpose of this course is to continue to develop students’ awareness, understanding, and application of language arts as it applies to oral communication concepts and strategies for public debate in a variety of given settings. Some work outside of the regular school day may be required.
Grade: 10-12 Credit: 1.0

1007350
Debate 3
The purpose of this course is to develop students’ enhanced awareness, understanding, and application of language arts as they apply to advanced oral communication concepts and strategies for public debate in a variety of given settings. Some work outside of the regular school day may be required.
Grade: 11-12 Credit: 1.0

1007360
Debate 4
The purpose of this course is to apply advanced oral communication concepts and strategies for public debate in a variety of given settings. Some work outside of the regular school day may be required.
Grade: 11-12 Credit: 1.0
DRAMA/THEATRE ARTS

These courses, with the exception of Theatre 1, will require students to participate in extra rehearsals and performances beyond the school day.

0400310
Theatre 1
The purpose of this course is to promote enjoyment and appreciation for all aspects of theatre. Classwork focuses on the exploration of theatre literature, performance, historical and cultural connections, and technical requirements. Improvisation, creative dramatics, and beginning scene work are used to introduce students to acting and character development.
Prereq: None
Grade(s): 9-12 Credit: 1.0

0400370
Acting 1
The purpose of this course is to enable students to develop fundamental acting skills and integrate them into individual and ensemble theatrical performances. The content includes, but is not limited to: acting techniques and character analysis; movement and vocal production; theatre terminology; theatrical forms and influences; script analysis; technical elements; role of the director; artistic discipline; audience etiquette; roles and careers; and auditioning and casting.
Prereq: Theatre 1
Grade(s): 10-12 Credit: 1.0

0400700
Music Theatre 1
Students' course work focuses on, but is not limited to, acting, vocal performance, dance, non-dance movement, and staging, which transfer readily to performances in musicals and other venues. Students survey the evolution of music in theatre from the origins of American Musical Theatre to modern Broadway through a humanities approach and representative literature. Music theatre students explore the unique staging and technical demands of musicals in contrast to non-musical plays.
Prereq: Theatre 1 or Chorus 3
Grade(s): 10-12 Credits 1.0

0400330
Theatre 3 Honors - Off Book Productions
The purpose of this course is to promote depth of engagement and lifelong appreciation for theatre through a broad spectrum of teacher-assigned and self-directed study and performance. Students regularly reflect on aesthetics and issues related to and addressed through theatre, and create within various aspects of theatre in ways that are progressively more innovative.
Prereq: One year in the Theatre Department & Audition
Grade(s): 11-12 Credit: 1.0
These courses, with the exception of Theatre 1, will require students to participate in extra rehearsals and performances beyond the school day.

0400340
Theatre 4 Honors - Off Book Productions
The purpose of this course is to promote significant depth of engagement and lifelong appreciation for theatre through a broad spectrum of primarily self-directed study and performance. Students assemble a portfolio that showcases a significant body of work representing personal vision and artistic growth over time; mastery of theatre skills and techniques in one or more areas; and evidence of sophisticated oral and written analytical and problem-solving skills based on their structural, historical, and cultural knowledge.
Prereq: Comprehensive Theatre 1
Grade: 12 Credit: 1.0

0400410
Technical Theatre: Design and Production I
Students focus on developing the basic tools and procedures for creating elements of technical theatre, including costumes, lighting, properties (props), scenery, and sound. Students explore and learn to analyze dramatic scripts, seeking production solutions through historical, cultural, and geographic research. Students also learn the basics of standard conventions of design presentation and documentation; the organizational structure of theatre production and creative work in a collaborative environment; and the resulting artistic improvement.
Prereq: None
Grade(s): 9-12 Credit: 1.0

ESOL

1002380
Developmental Language Arts through ESOL
The purpose of this course is to provide students who are native speakers of languages other than English instruction enabling students to accelerate the development of reading, writing, listening, speaking and language skills and to strengthen these skills so they are able to successfully read and comprehend grade level text independently. Instruction emphasizes reading comprehension and vocabulary through the use of a variety of literary and informational texts encompassing a broad range of text structures, genres, and levels of complexity. Texts used for instruction focus on a wide range of topics, including content-area information, in order to support students in meeting the knowledge demands of increasingly complex text.

JOURNALISM

1006300 Journalism 1
1006310Y Journalism 2
1006320Y Journalism 3
1006330Y Journalism 4
The purpose of this course is to enable students to develop fundamental skills in the production of print or electronic journalistic media. The content should include, but not be limited to: writing processes, production skills for varied media, history and ethics of journalism, applications and issues in photojournalism, organization and management techniques, technology for research, production, and dissemination, and analysis of journalistic media. Students continuing with Journalism must choose either the Newspaper or Yearbook sequence.
Journalism 1 Prereq: None
Grade(s): 9-12 Credit: 1.0
The purpose of this course is to provide English 1 students, using texts of high complexity, integrated language arts study in reading, writing, speaking, listening, and language for college and career preparation and readiness.

The content should include, but not be limited to, the following:

- active reading of varied texts for what they say explicitly, as well as the logical inferences that can be drawn
- analysis of literature and informational texts from varied literary periods
- writing for varied purposes
- effective listening, speaking, and viewing strategies with emphasis on the use of evidence to support or refute a claim in multimedia presentations, class discussions, and extended text discussions
- collaboration amongst peers

Grade: 9 Credit: 1.0

1001320
English I Honors

This course requires teacher recommendation (based on strong reading and writing skills). This is a fast paced, intense course in which students develop the foundation for reading and writing the English language. The first semester of this course will focus on student writing. Students will be introduced to research methods and will be expected to demonstrate mastery of these methods through written papers. Students who take this course should be self-motivated, ready for daily homework, and excited about enjoying intellectual pursuits in reading and writing.

Grade: 9 Credit: 1.0

1001340
English 2

The purpose of this course is to provide grade 10 students, using texts of high complexity, integrated language arts study in reading, writing, speaking, listening, and language for college and career preparation and readiness.

The content should include, but not be limited to, the following:

- active reading of varied texts for what they say explicitly, as well as the logical inferences that can be drawn
- analysis of literature and informational texts from varied literary periods
- writing for varied purposes
- effective listening, speaking, and viewing strategies with emphasis on the use of evidence to support or refute a claim in multimedia presentations, class discussions, and extended text discussions
- collaboration amongst peers

Grade: 10 Credit: 1.0

1001350
English 2 Honors

This course requires teacher recommendation based on strong reading and writing skills. This is a high paced, challenging course in which students study world literature and non-fiction in its context throughout time. In depth analysis of texts through discussion and writing is the focal point, but the course also includes building and polishing skills in listening and viewing. Students will analyze authors’ use of rhetoric, writing strategies, and literary devices in order to incorporate them into their own writing. Students who take this course should be motivated, prepared for daily homework, and enjoy intellectual pursuits. It is recommended that students take World History at the same time.

Grade: 10 Credit: 1.0
The purpose of this course is to provide grade 11 students, using texts of high complexity, integrated language arts study in reading, writing, speaking, listening, and language for college and career preparation and readiness.

The content should include, but not be limited to, the following:
- active reading of varied texts for what they say explicitly, as well as the logical inferences that can be drawn
- analysis of literature and informational texts from varied literary periods
- writing for varied purposes
- effective listening, speaking, and viewing strategies with emphasis on the use of evidence to support or refute a claim in multimedia presentations, class discussions, and extended text discussions
- collaboration amongst peers

Grade: 11 Credit: 1.0

This course requires teacher recommendation (based on strong reading and writing skills). This is a high paced, intense course in which students study American prose and literature. This course uses literature, American history, the arts and media to explore the development of literary thought in America. Students will study the literary and artistic heritage that has shaped the American society from the Native American through contemporary authors. It is recommended that students take American History at the same time. Students will expand their proficiency as writers as this is a cornerstone of the class. Students who take this course should be self-motivated, ready for daily homework, and enjoy intellectual pursuits in reading and writing.

Grade: 11 Credit: 1.0

The purpose of this course is to provide grade 12 students, using texts of high complexity, integrated language arts study in reading, writing, speaking, listening, and language for college and career preparation and readiness.

The content should include, but not be limited to, the following:
- active reading of varied texts for what they say explicitly, as well as the logical inferences that can be drawn
- analysis of literature and informational texts from varied literary periods
- writing for varied purposes
- effective listening, speaking, and viewing strategies with emphasis on the use of evidence to support or refute a claim in multimedia presentations, class discussions, and extended text discussions
- collaboration amongst peers

Grade: 12 Credit: 1.0

This course requires teacher recommendation (based on strong reading and writing skills). This is a high paced, intense course in which students study British nonfiction and fiction. English IV honors focuses on British Literature; however, it is also a preparation for Freshmen Composition in college. Students will analyze literature in order to see the relationship between universal themes and the development of the English language. The course will emphasize reading, written literary analysis, vocabulary development, in-class discussions and oral presentations, in-class writing and time management and organization.

Grade: 12 Credit: 1.0
Advanced Placement English Language and Composition is offered in place of English III Honors to students who have excelled in English II Honors. The focus of this course is on the analysis of writing strategies, language, and rhetoric in a variety of nonfiction texts throughout time. It will also include the analysis of strategies, language, and rhetoric used in visual and auditory media, such as advertisements, documentaries, and speeches. Students will learn to incorporate these strategies in a variety of self-produced texts, specifically timed essays. This course is comparable to Freshmen Composition at the college level and, therefore, includes challenging summer assignments, critical reading, analytical writing, and ample daily homework. Success on the AP exam may result in college credit (determined by the college or university).

Grade: 11 Credit: 1.0

The AP English Literature and Composition Course Description states that the material in the course “engages students in the careful reading and critical analysis of imaginative literature.” Students learn to attend carefully to the works read and this close reading is described in the AP Literature and Composition Course Description as reading for “the experience of literature, the interpretation of literature and the evaluation of literature.” The works read are selected from drama, poetry, fiction and nonfiction written during the sixteenth to the twenty-first century. The focus is on British literature with some attention to world literature. Writing is an important component of this course and students will learn to write analytically. This course is taken instead of English 4 honors. Success on the AP exam may result in college credit (determined by the college or university).

Grade: 12 Credit: 1.0
MATHEMATICS

The department of mathematics recommends that all students have access to a graphing calculator for use in class and at home.

1200310
Algebra I
The purpose of this course is to develop algebraic concepts and processes that can be used to solve a variety of real world and mathematical problems. The content will include: structure and properties of the real number system, first-degree equations and inequalities, relations and functions, systems of linear equations and inequalities, polynomials, factoring, and quadratic equations. The course also includes instruction on proper use of graphing calculators. This course will provide a solid foundation for the study of more advanced mathematics.

Grade: 9 Credit: 1.0

1200320
Algebra I Honors
More in-depth work in this honors course will prepare students for more advanced mathematics courses. The course features integrated use of the graphing calculator to develop an understanding of the concepts behind mathematics and to prepare students for the highly graphical nature of higher-level mathematical analyses. The content will include: exponents, order of operations, data analysis, first-degree equations and inequalities, polynomials, factoring, quadratic equations, and operations with radicals. This course will provide a solid foundation for the study of more advanced mathematics.

Grade: 9 Credit: 1.0

1206310
Geometry
The purpose of this course is to develop the geometric relationships and deductive strategies that can be used to solve a variety of real-world and mathematical problems. The content will include: point, line and plane characteristics; angles and lines; reflections; polygons; transformations and congruence; measurements; three-dimensional figures; surface area and volume; similarity; and circles. This course will provide knowledge and skills for the study of more advanced mathematics.

Grade(s): 9-11 Credit: 1.0

1206320
Geometry Honors
More in-depth work in this honors course will focus on the study of visual patterns, enabling students to apply those patterns to real world situations. This class uses both exploratory and cooperative learning techniques. The content will include: point, line and plane characteristics; angles and lines; reflections; polygons; transformations and congruence; measurements; three-dimensional figures; surface area and volume; similarity; and circles. This course will provide knowledge and skills for the study of more advanced mathematics.

Grade(s): 9-10 Credit: 1.0

1207300
Liberal Arts Mathematics
The purpose of this course is to strengthen mathematical skills required for college entrance or further study in mathematics. It is designed to strengthen students' skills in algebra and geometry before proceeding to Algebra II. Course topics include operations with real numbers, polynomials, factoring, algebraic expressions, equations and inequalities, systems of linear equations and inequalities, and quadratic equations and applications. NOTE: Successful completion will earn mathematics credit, but may not be accepted by most colleges as meeting the high school mathematics requirements.

Grade(s): 11-12 Credit: 1.0
Mathematics

1200387
Financial Algebra
This course is targeted for students who need additional instruction in content to prepare them for success in upper-level mathematics. This course incorporates the Florida Standards for Mathematical Practices as well as the following Florida Standards for Mathematical Content: Algebra, Geometry, Number and Quantity, and Statistics, and the Florida Standards for High School Modeling.
Grade(s): 12 Credit: 1.0

1200330
Algebra 2
The purpose of this course is to continue the study of algebra and to provide the foundation for applying algebraic skills to other mathematical and scientific fields. The course includes the complex number system; solution strategies for linear equations, inequalities, and systems of equations and inequalities; polynomial and exponential functions; and probability and statistics. The course features integrated use of the graphing calculator and prepares students for the study of more advanced mathematics.
Grade(s): 10-12 Credit: 1.0

1200340
Algebra 2 Honors
The purpose of this course is to continue the study of algebra and to provide the foundation for applying algebraic skills to other mathematical and scientific fields. The course includes the complex number system; solution strategies for linear equations, inequalities, and systems of equations and inequalities; polynomial and exponential functions; and probability and statistics. Throughout this course, students focus on understanding through application rather than on rote memorization. The course features integrated use of the graphing calculator and prepares students for the study of more advanced Mathematics including Pre-Calculus, Calculus, and Statistics.
Grade(s): 9-12 Credit: 1.0

1200700
Mathematics for College Readiness
The purpose of this course is to strengthen the skill level of high school seniors who have completed Algebra I, II, and Geometry and who wish to pursue credit generating mathematics courses at the college level. Performance on the PERT will determine placement in this class.
Grade: 12 Credit: 1.0

1298310
Advanced Topics in Math
This course is designed for students who have completed three years of high school mathematics including Algebra 2. The course will concentrate on advanced mathematical topics and improving math proficiency. The course includes discrete math topics, probability and statistics, and a survey of algebra 2 topics.
Prereq: Alg 2
Grade(s): 11-12 Credit: 1.0

1210300
Probability and Statistics with Applications
This course enables students to develop and apply knowledge of statistics and probability to design experiments, collect and analyze data, and reach appropriate inferences and conclusions. The course will concentrate on application of these concepts to real life situations. The course will include measures of central tendency and variability, experimental design, randomness, sampling, hypothesis testing, and data transformation as well as other mathematical concepts.
Prereq: Algebra 2
Grade(s): 11-12 Credit: 1.0

1202340
Pre-Calculus
The purpose of this course is to provide the foundational knowledge necessary for the study of calculus. Calculator-based, the course uses real-life problems to enhance the students’ understanding of mathematical concepts which include: functions theory; graphing polynomials and rational functions; trigonometry, polar coordinates, conics, series and sequences, exponential and logarithmic functions. Students who successfully complete this course will receive honors credit for weighted GPA.
Prereq: Alg 2
Grade(s): 10-12 Credit: 1.0
**MATHEMATICS**

**1210320**

**AP Statistics**

This course is a secondary school equivalent to an introductory, non-calculus-based college course in statistics. The course covers all topics directed by the College Board. The course will enable the students to develop an understanding of how to use statistical models and tests to explore, analyze, and infer information from data. The course makes frequent use of the graphing calculator that is needed to pass the AP Statistics exam. Successful completion of the AP examination can result in college credit(s) (as determined by the college or university the student attends).

Prereq: Alg 2  
Grade(s): 11-12  
Credit: 1.0

**1202310**

**AP Calculus AB**

The purpose of this course is to prepare the student for the AP Calculus AB examination. This college-level course utilizes the graphing calculator frequently to achieve in-depth understanding of the elementary functions of calculus. The course helps the student gain intimate knowledge of the graphing calculator, which is needed to pass the AP Calculus exam. Topics follow the curriculum directed by the College Board and include: finding regression curves; properties of functions and graphs; limits and continuity; the derivative and its applications; and the integral and its applications. Emphasis is placed on the application of calculus principles to solving real-world problems. Successful completion of the AP examination can result in college credit (determined by the college or university the student attends).

Prereq: Pre-calculus  
Grade(s): 11-12  
Credit: 1.0

**1202320**

**AP Calculus BC**

The purpose of this course is to prepare the students for the AP Calculus BC examination. This college-level course includes the concepts mastered in AP Calculus AB and is appropriate for students planning on a college major in the sciences, engineering or mathematics. Topics follow the curriculum directed by the College Board and include: parametric, polar and vector functions; Euler’s method of solving differential equations; L’Hospital’s rule; sequence of partial sums (geometric, harmonic, alternating, and Maclaurin series); and Taylor polynomials. Successful completion of the AP examination can result in additional college credit for a second course in calculus (determined by the college or university the student attends).

Prereq: AP Calculus BC  
Grade(s): 12  
Credit: 1.0

**MATHEMATICS REMEDIATION**

**1200400**

**Intensive Mathematics**

This course provides remedial instruction and practice in mathematical skills and concepts. The course includes material tailored to the individual needs of the students and concentrates on test-taking skills and strategies. **NOTE:** Students will not receive a mathematics credit, but will receive an elective credit for successful completion. Course will also serve as a support class for Level I taking Algebra I.

Grade(s): 9-12  
Credit: 1.0
Musical performing groups require practices and performances beyond the regular school day. Students will be required to perform in public.

1300330
AP Music Theory
The purpose of this course is to develop the student's ability to recognize and understand the basic materials and processes in any music that is heard or read in score.
Prereq: Teacher recommendation & pass a diagnostic test. Grade(s): 11-12 Credit: 1.0

1302320 Band 3
1302330 Band 4
1302340 Band 5
1302350 Band 6

All students enrolled in Band 3, 4, 5, and 6 MUST participate in marching band, which is a co-curricular component. Participation in marching band requires after school rehearsals and performances that begin the end of July and conclude at the beginning of November.

The purpose of these courses is to enable students to develop technical skills on wind and percussion instruments through the refinement and performance of high school band literature. Emphasis will be placed on the development of skills in interpretation of notation and expressive markings, individual and ensemble performance, and critical listening.
Prereq: Band 3-6: By audition or permission from instructor
Grade(s): 9-12 Credit: 1.0

1302500 Jazz Ensemble 1
1302510 Jazz Ensemble 2
1302520 Jazz Ensemble 3
1302530 Jazz Ensemble 4

The purpose of these courses is to enable students to develop skills in jazz performance through knowledge of styles and performance techniques of varied jazz and contemporary literature.
Prereq: By audition only
Grade(s): 9-12 Credit: 1.0

13033200
Chorus 3 - Beginning Treble
This course is designed for treble voices who are new to the high school choral experience. Students will be introduced to basic vocal technique, sight reading, and music theory. Emphasis will be placed on the development of these skills to increase musicianship. Note: This course requires one performance and one rehearsal outside of school hours each quarter.
Prereq: None
Grade(s): 9-10 Women only Credit: 1.0

1303330W Chorus 4 - Women's Chorale
1303340W Chorus 5 - Women's Chorale
1303350W Chorus 6 - Women's Chorale

This course is designed for the intermediate singer. Emphasis will be placed on healthy and expressive singing, accurate interpretation of notation, and musicianship. Students will be introduced to advanced concepts in sight reading and music theory as well as a variety of choral literature. Note: This course requires one performance and one rehearsal outside of school hours each quarter.
Prereq: Completion of previous level
Grade(s): 10-12 Women Only Credit: 1.0
MUSIC

1303330C Chorus 4 Advanced Treble
1303340C Chorus 5 Advanced Treble
1303350C Chorus 6 Advanced Treble

This course is designed for singers with advanced vocal ability and sight reading skills. Students will develop advanced ensemble skills through the performance of a variety of choral literature. Emphasis will be placed on performance of varying types of choral genre. Note: This course requires several performances and rehearsals outside of school hours each quarter.

Prereq: By Audition Only
Grade(s): 10-12 Women Only Credit: 1.0

1303320M Chorus 3—Men’s Choir
1303330M Chorus 4—Men’s Choir
1303340M Chorus 5—Men’s Choir
1303350M Chorus 6—Men’s Choir

This course is designed for the developing intermediate level singer in a mixed choir atmosphere. Emphasis will be placed on healthy and expressive singing, accurate interpretation of notation, and musicianship. Students will be introduced to advanced concepts in sight reading and music theory as well as a variety of choral literature.

Prereq: None
Grade(s): 10-12 Men Only Credit: 1.0

1301360
Keyboard 1 – Piano I

Students build fundamental piano techniques while learning to read music, acquire and apply knowledge of basic music theory, and explore the role of keyboard music in history and culture. Beginning pianists develop skills in analytical listening and explore musical creativity in the form of basic improvisation and basic composition. **Public performances may serve as a culmination of specific instructional goals.**

Prereq: None
Grade(s): 9-12 Credit: 1.0

1301370
Keyboard 2 – Piano II

The purpose of this course is to build on previous piano techniques and skills through reading music, acquiring and applying knowledge of music theory, and exploring the role of keyboard music in history and culture. Emphasis is placed on technical work and scales as a means to strengthen students playing ability. Students learn repertoire from a standard course book as well as solo literature from Baroque- Classical time periods, exploring the historical influence keyboards have had on music performance and composition. **Public performances will serve as a culmination of semester grades.**

Prereq: Keyboard 1
Grade(s): 10-12 Credit: 1.0

1301380
Keyboard 3 – Piano III

Students further develop advanced knowledge of piano techniques, musical literacy, solo and ensemble performance skills, and related musical knowledge, using a variety of advanced piano literature. Students explore the historical influence keyboards have had on music performance and composition, and apply criteria to assess their own and others’ piano performances. **Public performances will serve as a culmination of semester grades. Participation in Solo & Ensemble is expected of students in this course.**

Prereq: Keyboard 2
Grade(s): 11-12 Credit: 1.0

1301390
Keyboard 4 Honors – Piano IV

Students develop highly advanced piano techniques, music literacy, solo performance skills, and related musical knowledge through a variety of advanced piano literature. Students work toward greater musical independence through accompanying other musicians, performing solos, and/or creating original music compositions. In keeping with the rigor expected in an Honors course, students undertake independent study that includes synthesis of learning and experience. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. **Public performances will serve as a culmination of semester grades. Participation in Solo & Ensemble is expected of students in this course.**

Prereq: Keyboard 3
Grade(s): 12 Credit: 1.0
PHYSICAL EDUCATION

1501300
Personal Fitness
The purpose of this course is to provide students with the knowledge, skills, and values they need to become healthy and physically active for a lifetime. This course addresses both the health and skill-related components of physical fitness which are critical for students’ success.

Prereq: None
Grade(s): 9-12 Credit: 0.5

1502410
Individual/Dual Sports
The purpose of this course is to enable students to acquire basic knowledge of individual and dual play, develop skills in specified sports, and improve health-related fitness.

Prereq: None
Grade(s): 9-12 Credit: 0.5

1502490
Care and Prevention of Athletic Injuries
The purpose of this course is to acquire knowledge and skills relating to the nature, prevention, care, and rehabilitation of athletic injuries.

Grade(s): 10-12 Credit: 0.5

0800320
First Aid and Safety
The purpose of this course is to enable students to acquire skills in first aid, emergency care, and personal safety. The content includes, but is not limited to: safety; first aid procedures; adult, child, and infant CPR; community resources and services; career and public service opportunities.

Grade(s): 10-12 Credit: 0.5

1501340
Weight Training 1
The purpose of this course is to enable students to acquire basic knowledge and skills in weight training, improve muscular strength and endurance, and begin to enhance self-image.

Prereq: None
Grade(s): 9-12 Credit: 0.5

1501350
Weight Training 2
The purpose of this course is to enable students to develop intermediate-level knowledge and skills in weight training, further improve muscular strength and endurance, and further enhance self-image.

Prereq: Weight Training 1
Grade(s): 9-12 Credit: 0.5
PHYSICAL EDUCATION

1503300
Track and Field
The purpose of this course is to enable students to acquire basic knowledge of track and field activities and develop skills in specified activities, and improve health-related fitness.

Prereq: None
Grade(s): 9-12 Credit: 0.5

1503310
Basketball I
The purpose of this course is to enable students to acquire basic knowledge of Basketball and develop skills in specified activities, and improve health-related fitness.

Prereq: None
Grade(s): 9-12 Credit: 0.5

1503315
Basketball 2
The purpose of this course is to provide more in-depth instruction of the fundamental skills, tactics, rules and etiquette in basketball. Introduction to systems of play will be included to enhance the student’s understanding. Advanced skills and drills which directly affect student’s physical and cognitive abilities will be covered. Students will participate in advanced individual and team techniques in relationship to basketball strategy. Participate in course activities will continue to enhance healthy behaviors that influence students to participate in physical activities throughout their life.

Prereq: Basketball I
Grade(s): 9-12 Credit: 0.5

1503320
Soccer
The purpose of this course is to enable students to acquire basic knowledge of Soccer and develop skills in specified activities, and improve health-related fitness.

Prereq: None
Grade(s): 9-12 Credit: 0.5

1505500
Volleyball I
The purpose of this course is to enable students to acquire basic knowledge of Volleyball and develop skills in specified activities, and improve health-related fitness.

Prereq: None
Grade(s): 9-12 Credit: 0.5

1505510
Volleyball 2
The purpose of this course is to provide more in-depth instruction of the fundamental skills, tactics, rules and etiquette in volleyball.

Prereq: Volleyball I
Grade(s): 9-12 Credit: 0.5
READING REMEDIATION

Note: These courses may be repeated by a student as needed. If repeated, the required level of student proficiency should increase.

1000410
Intensive Reading
The purpose of this course is to provide instruction that enables students to develop and strengthen reading skills and also develop independent reading endurance.

Grade(s): 9-12 Credit(s): 1.0

SCIENCE

2002510
Marine Science 1 Honors
This course is designed to give students an overview of the sciences connected with the ocean. It is a comprehensive science, which incorporates Oceanography and an introduction to Marine Biology. Areas covered include chemistry, physics, biology, ecology, geology, geography and history of the ocean. This course is enriched by experiments, projects, and research.

Grade(s): 9-10 Credit: 1.0

20013400
Environmental Science
The purpose of this course is to enable students to develop knowledge of the ways that humans interact with the natural environment. The content should include, but not be limited to: implementation of scientific habits of mind – application of scientific knowledge, methodology, and historical context to solve problems, use of laboratory technologies, terminology, earth dynamics, influence of technology on environmental quality, environmental quality issues, use and conservation practices, biodiversity, environmental planning and waste management, environmental monitoring and policy, sustainable use of public land, characteristics of populations, biotic and abiotic environmental factors, energy production technologies and thermodynamics.

Grade(s): 9-10 Credit: 1.0

20013410
Environmental Science Honors
More in-depth work is required in this honors course that includes the ways that humans interact with the natural environment. The content should include, but not be limited to: implementation of scientific habits of mind – application of scientific knowledge, methodology, and historical context to solve problems, use of laboratory technologies, terminology, earth dynamics, influence of technology on environmental quality, environmental quality issues, use and conservation practices, biodiversity, environmental planning and waste management, environmental monitoring and policy, sustainable use of public land, characteristics of populations, biotic and abiotic environmental factors, energy production technologies and thermodynamics.

Grade(s): 9-10 Credit: 1.0

2000310
Biology I
This course provides students with general exploratory experiences & activities in the fundamental concepts of life. Content includes scientific method, scientific measurement, laboratory safety & use of apparatus, cell biology, cell reproduction, basic principles of genetics, & classification and surveying of plants and animals.

Grade(s): 9-11 Credit: 1.0

2000320
Biology I Honors
More in-depth work is required in this honors course that includes the study of scientific method and measurement, laboratory safety and use of apparatus, biochemistry, cell biology, cell reproduction, genetics, classification, taxonomy, and ecological relationships.

Grade(s): 9-11 Credit: 1.0
**SCIENCE**

**2003340**  
Chemistry I  
This course provides students with the study of the composition, properties, and changes associated with matter. Content includes: classification and structure of matter, atomic theory, the periodic table, bonding, chemical formulas, chemical reactions and balanced equations, the behavior of gases, physical changes, acids, bases and salts, and energy associated with physical and chemical changes.  
*Grade(s): 10-12 Credit: 1.0*

**2003350**  
Chemistry I Honors  
This course provides students with a rigorous study of the composition, properties, and changes associated with matter. Content includes atomic structure, bonding, the periodic table, formulas, stoichiometry, phase changes, specific heat, equilibrium, solutions, acids, bases and salts, nuclear chemistry, gas laws, and organic chemistry.  
*Grade(s): 10-12 Credit: 1.0*

**2003390**  
Physics 1 Honors  
Physics 1 Honors is an algebra-based course that sets out to uncover and explain how the world works around us. Students spend a significant amount of class time doing hands-on experimentation, developing an understanding of how to use experimentation to make or verify physical predictions. Other time is spent learning and discussing physics principles, and practicing their application in problem solving and justification. Topics will include but are not limited to: kinematics (motion), dynamics (force), work, energy and momentum, electricity and circuits, waves and optics.  
*Grade(s): 10-12 Credit: 1.0*

**2000360**  
Anatomy and Physiology Honors  
This course provides students with exploratory and advanced activities in the structure and function of the components of the human body. Content includes cellular processes and tissues, the skeletal, muscular, nervous, cardiovascular, respiratory, digestive, urinary, and reproductive systems, and special senses. Students will be involved in dissection.  
*Grade(s): 10-12 Credit: 1.0*

**2000340**  
AP Biology/Genetics  
The purpose of this course is to provide a study of the facts, principles, and processes of biology, and the collection, interpretation, and formulation of hypotheses from available data. The content will include what is specified by the Advanced Placement Program. This is a college level course, of which laboratory investigations are an integral part. Success on the AP exam may result in college credit (Determined by the college or university).  
*Grade(s): 10-12 Credit: 1.0*  
**Double Block**

**2003370**  
AP Chemistry/Chemistry 2  
The purpose of this course is to study the development and application of chemistry principles and concepts. The content will include what is specified by the Advanced Placement Program. This is a college-level course and laboratory investigations are an integral part. Success on the AP exam may result in college credit (determined by the college or university).  
*Grade(s): 10-12 Credit: 1.0*  
**Double Block**
The purpose of this course is to provide a college level course in environmental science to prepare the student to seek credit and/or appropriate placement in college biological sciences programs. Topics include a study of the biosphere, its biotic and abiotic components, ecosystems of the world, biogeologic cycles, and current environmental issues. Success on the AP exam may result in college credit (determined by the college or university).

**Grades:** 10-12  **Credit:** 1.0

**AP Physics/Physics II**

AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore these topics: kinematics; dynamics; circular motion and gravitation; energy; momentum; simple harmonic motion; torque and rotational motion; electric charge and electric force; DC circuits; and mechanical waves and sound.

Prereq: Completion of Alg2 or concurrent enrollment in Alg 2

**Grade(s):** 11-12  **Credit:** 1.0

Double Block

**AP Physics 2**

AP Physics 2 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore these topics: fluids; thermodynamics; electrical force, field, and potential; electric circuits; magnetism and electromagnetic induction; geometric and physical optics; and quantum, atomic, and nuclear physics.

Prereq: Completion of Alg2 or concurrent enrollment in Alg 2

**Grade(s):** 11-12  **Credit:** 1.0

Double Block
SOCIAL STUDIES

2109310
World History
The purpose of this course is to enable students to understand their connections to the development of civilizations by examining the past to prepare for their future as participating members of a global community. Students will use knowledge pertaining to history, geography, economics, political processes, religion, ethics, diverse cultures, and humanities to solve problems in academic, civic, social, and employment settings.
Grade(s): 10  Credit: 1.0

2109320
World History Honors
The purpose of this course is to enable students to understand their connections to the development of civilizations by examining the past to prepare for their future as participating members of a global community.
Grade(s): 10  Credit: 1.0

2100310
American History
The purpose of this course is to enable students to understand the development of the United States within the context of history with a major focus on the post-Reconstruction period. Students will use knowledge pertaining to history, geography, economics, political processes, religion, ethics, diverse cultures, and humanities to solve problems in academic, civic, social, and employment settings.
Grade(s): 11  Credit: 1.0

2100320
American History Honors
The purpose of this course is to enable students to understand in-depth the development of the United States within the context of history with a major focus on the post-reconstruction period. Students will use knowledge pertaining to history, geography, economics, political processes, religion, ethics, diverse cultures, and humanities to solve problems in academic, civic, social, and employment settings.
Grade(s): 11  Credit: 1.0

2106310
American Government
The purpose of this course is to enable students to gain an in-depth understanding of American government and political behavior that is essential for effective citizenship and active involvement in a democratic American society.
Grade(s): 12  Credit: 0.5

2106320
American Government Honors
The purpose of this course is to enable students to gain an understanding of American government and political behavior that is essential for effective citizenship and active involvement in a democratic American society.
Grade(s): 12  Credit: 0.5
The purpose of this course is to provide students with the knowledge and decision-making tools necessary for understanding how society organized its limited resources to satisfy its wants. Students will gain understanding of choices they must make as producers, consumers, investors, and taxpayers.

Grade(s): 12     Credit: 0.5

2102320
Economics Honors
The purpose of this course is to provide students with an in-depth knowledge and decision-making tools necessary for understanding how society organized its limited resources to satisfy its wants. Students will gain understanding of choices they must make as producers, consumers, investors, and taxpayers.

Grade(s): 12     Credit: 0.5

21034000
AP Human Geography
The purpose of this course is to enable students to develop higher level concepts and skills related to Human Geography. The content will include the following: regions, population studies, cultural concepts and spatial representations, political geography, land use, urbanization, issues related to space, place, and scale, and economic geography. College credit can be earned by successful performance (3 or above) on the Advanced Placement exam administered in May.

Grade(s): 9-12     Credit: 1.0

2109420
AP World History
The content of this course will cover from 1200CE to the present. This class will ensure teachers and students can begin the course with a study of the civilizations in Africa, the Americas, and Asia that are foundational to the modern era.

Grade(s): 9-10     Credit: 1.0

2100330
AP United States History
Advanced Placement American History is a course for qualified students who wish to complete studies in secondary school equivalent to a one-semester college introductory course in American History. The course is designed to give students a critical perspective of history in the United States. A variety of non-traditional authors and original source documents will be used to supplement a college level US History text. The class involves both the study of historical events and the analysis of specific case studies. Success on the AP exam may result in college credit (determined by the college or university).

Grade(s): 11     Credit: 1.0

2106420
AP United States Government & Politics
This course is designed to give students a critical perspective on politics and government in the United States. The class involves both the study of general concepts used to interpret American politics and the analysis of specific case studies. It also requires familiarity with the various institutions, groups, beliefs and ideas that make up American political reality. This is not a course in political science, although the political ramifications of governing will be analyzed. Success on the AP exam may result in college credit (determined by the college or university).

Grade(s): 12     Credit: 0.5

2106430
AP Comparative Government and Politics
This course introduces students to the rich diversity of political life outside the United States. The course uses a comparative approach to examine the political structures, policies, and political, economic, and social challenges among six selected countries: Great Britain, Mexico, Russia, Iran, China, and Nigeria. Additionally, students examine how different governments solve similar problems by comparing the effectiveness of approaches to many global issues.

Grade(s): 12     Credit: 0.5
SOCIAL STUDIES

2102360
AP Microeconomics
The purpose of the AP course in microeconomics is to give students a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the economic system. It places primary emphasis on the nature and functions of product markets and includes the study of factor markets and of the role of government in promoting greater efficiency and equity in the economy. The following is a brief discussion of these topics and some aspects of them that a teacher may choose to explore. Success on the AP exam may result in college credit (determined by the college or university).

Grade(s): 12 Credit: 0.5

2102370
AP Macroeconomics
The purpose of the AP course in macroeconomics is to give students a thorough understanding of the principles of economics that apply to an economic system as a whole. The course places particular emphasis on the study of national income and price-level determination, and also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics.

Grade(s): 12 Credit: 0.5

2107300
Psychology 1
Through the study of psychology, students acquire an understanding of and an appreciation for human behavior, behavior interaction and the progressive development of individuals. The content examined in this first introductory course includes major theories and orientations of psychology, psychological methodology, memory and cognition, human growth and development, personality, abnormal behavior, psychological therapies, stress/coping strategies, and mental health.

Grade(s): 10 Credit: 0.5

2107310
Psychology 2
Through the study of psychology, students acquire an understanding of and an appreciation for human behavior, behavior interaction and the progressive development of individuals. The content examined in this second introductory course includes statistical research, psychobiology, motivation and emotion, sensation and perception, states of consciousness, psychological testing, and social psychology.

Grade(s): 10 Credit: 1.0

2107350
AP Psychology
Advanced Placement Psychology is a course for qualified students who wish to complete studies in a secondary school equivalent to a one semester college introductory course in Psychology. Students will acquire an understanding of and an appreciation for human behavior, behavioral interaction, and the progressive development of individuals. Course content will include, but will not be limited to the following: research methods, sensation and perception, cognition, learning, personality, abnormal psychology, treatment of psychological disorders, and social psychology. Success on the AP exam may result in college credit (determined by the college or university).

Grade(s): 10-12 Credit: 1.0

21093800
AP European History
A rigorous course covering European History from the period of the Renaissance to the present. The course contains analysis of primary source documents and discussion.

Grade(s): 11-12 Credit: 1.0
WORLD LANGUAGES

0708340
Spanish 1
The purpose of this course is to introduce students to the Spanish language and its culture, and to develop communicative skills and cross-cultural understanding. This course is designed primarily for those students who have no background in the Spanish language.
Grade(s): 9-12 Credit: 1.0

0708350
Spanish 2
The purpose of this course is to reinforce the fundamental skills acquired by the students in Spanish I. This course develops increased listening, speaking, reading, and writing skills, as well as cultural awareness.
Prereq: Spanish 1
Grade(s): 9-12 Credit: 1.0

0708360
Spanish 3
The Purpose of this course is to enhance reading comprehension and to increase conversational skills. Focus is on the continuum of development in writing, reading, speaking and listening. Pieces of Spanish literature will be read and analyzed.
Prereq: Spanish 2
Grade(s): 10-12 Credit: 1.0

0709300
Spanish Speakers 1
This course is designed for native Spanish speakers. Student should know how to read and write in the language. Focus is on reading, analyzing and writing skills with an emphasis on learning the grammar needed. Prereq: Native Speaker
Grade(s): 9-12 Credit: 1.0

0709310
Spanish Speakers 2
The purpose of this course is to provide native speakers of Spanish with ongoing practice in reading, writing, and grammar. Different cultural aspects will be addressed.
Prereq: Spanish Speakers 1
Grade(s): 10-12 Credit: 1.0

0708400
AP Spanish Language
This course concentrates on reading, listening, speaking, and writing applications of the Spanish language. The content of this course is specified by the Advanced Placement Program. Success on the AP exam may result in college credit (determined by the college or university).
Prereq: Spanish 3 or Spanish Speakers 2
Grade(s): 11-12 Credit: 1.0

0708410
AP Spanish Literature
The AP Spanish Literature and Culture course uses a thematic approach to introduce students to representative texts (short stories, novels, poetry, and essays) from Peninsular Spanish, Latin American, and United States Hispanic literature. Students continue to develop proficiencies across the full range of the modes of communication (interpersonal, presentational, and interpretive), honing their critical reading and analytical writing skills. Literature is examined within the context of its time and place, as students reflect on the many voices and cultures present in the required readings. The course also includes a strong focus on cultural connections and comparisons, including exploration of various media (e.g., art, film, articles, and literary criticism).
Prereq: Spanish 3 or Spanish Speakers 2
Grade(s): 11-12 Credit: 1.0
WORLD LANGUAGES

0701320
French 1
The purpose of this course is to introduce students to the language and its culture and to develop communication, listening, and speaking skills, with special attention to pronunciation.
Grade(s): 9-12 Credit: 1.0

0701330
French 2
The purpose of this course is to reinforce the fundamental skills acquired by the students in French 1. Course content includes increased listening, speaking, reading, and writing skills, as well as cultural awareness.
Prereq: French 1
Grade(s): 9-12 Credit: 1.0

0701340
French 3
The purpose of this course is to enable students to enhance proficiency in French through a linguistic, communicative, and cultural approach to language learning. There is continued emphasis on the development of listening, speaking, reading, and writing skills. Experiences with French literature are broadened. Cross-cultural understanding is fostered and real-life applications are emphasized throughout the course.
Prereq: French 2
Grade(s): 11-12 Credit: 1.0

07013800
AP French
The purpose of this course is to develop oral and written fluency in French and to prepare students for the French Advanced Placement exam. The content includes the guidelines from the Advanced Placement Program and an overview of French history, literature, and arts. Success on the AP exam may result in college credit (determined by the college or university).
Prereq: French 3
Grade: 12 Credit: 1.0
Advancement Via Individual Determination (AVID) is a program designed to prepare students in the academic middle for four-year college. The AVID curriculum, based on rigorous standards, was developed by middle and senior high school teachers in collaboration with college professors. It is driven by the WICR method, which stands for writing, inquiry, collaboration, and reading. AVID targets students in the academic middle — B, C, and even D students — who have the desire to go to college and the willingness to work hard. These are students who are capable of completing rigorous curriculum but are falling short of their potential. Typically, they will be the first in their families to attend college, and many are from low-income or minority families. AVID pulls these students out of their unchallenging courses and puts them on the college track: acceleration instead of remediation.

17003900
AVID 1
Advancement Via Individual Determination (AVID) is an elective class that provides support for students in the AVID program through curricular and mentoring activities.

Prereq: Must be in AVID Program
Grade(s): 9 Credit: 1.0

17004000
AVID 2
Advancement Via Individual Determination (AVID) is an elective class that provides support for students in the AVID program through curricular and mentoring activities. This course is designed to enable students to develop fundamental skills aligned with current curriculum.

Prereq: Must be in AVID Program
Grade(s): 10 Credit: 1.0

17004100
AVID 3
Advancement Via Individual Determination (AVID) is an elective class that provides support for students in the AVID program through curricular and mentoring activities. This course is designed to enable students to develop fundamental skills aligned with current curriculum.

Prereq: Must be in AVID Program
Grade(s): 11 Credit: 1.0

17004200
AVID 4
Advancement Via Individual Determination (AVID) is an elective class that provides support for students in the AVID program through curricular and mentoring activities. This course is designed to enable students to develop fundamental skills aligned with current curriculum.

Prereq: Must be in AVID Program
Grade(s): 12 Credit: 1.0
CAREER PATHWAYS
In the Osceola School District, Career Pathways is designed to provide students a seamless pathway from middle school, through high school, and into post-secondary education. Post-secondary education might include university, technical school, community college, or apprenticeship. A Career Pathway prepares students for success in each of these options; the correct option after high school is best determined by the student’s career plans. Students begin their middle school years with introductory and exploratory classes in careers. Once in high school, students can continue in classes and programs that provide specific training toward a desired career. These programs prepare students to enter the appropriate college, technical institute, or entry level job in their chosen career, often with a recognized industry certification and/or a Florida Gold Seal Vocational Scholars Award. In addition, students who complete a Career Pathway program develop the employability and technical skills required by employers in today’s globally competitive marketplace.

Celebration High School provides a wide variety of Career Pathways (Career and Technical Education or CTE) programs for students. Many programs offer special benefits to students.

CAREER ACADEMIES
A Career Academy is a small learning community within a high school that provides rigorous and relevant instruction focused on preparation for both the workplace and college. It goes beyond traditional Career and Technical Education to integrate academic and technical curricula, raise student ambitions, increase career options, and provide a meaningful learning context for all students. Academies combine a college-preparatory curriculum with a career theme. Academic courses are linked with technical courses that focus on the academy’s field of work.

A Career Academy is comprised of a cluster of students who have some of the same teachers for at least two years, and who share several classes each year. Career Academies partner with local businesses and help provide work-based experiences for Academy students. To become part of a Career Academy at Celebration High School, contact the Academy’s CTE teacher to apply for the Academy and to help you enroll in the appropriate courses.

POST-SECONDARY ARTICULATION
Many Career Pathway courses and programs provide students the opportunity to gain free college credit from Valencia Community College or free course acceleration from the Technical Education Center of Osceola (TECO). Some courses can also gain the student free college credit from other state colleges. To participate in this articulation process, students should talk with their CTE teacher to find out the specific requirements for their program.
DIGITAL INFORMATION TECHNOLOGY

Course Number  8207310
For Grades  9-12
Credit  1.0
Prerequisite  None
Industry Certification  Microsoft Office Suite and/or Adobe Creative Suite titles

MAJOR CONCEPTS/CONTENT: This course is designed to provide a basic overview of current business and information systems and trends, and to introduce students to fundamental skills required for today's business and academic environments. Emphasis is placed on developing fundamental computer skills. The intention of this course is to prepare students to be successful both personally and professionally in an information based society. Digital Information Technology includes the exploration and use of: databases, the internet, spreadsheets, presentation applications, management of personal information and email, word processing and document manipulation, HTML, web page design, and the integration of these programs using software that meets industry standards.

AP COMPUTER SCIENCE PRINCIPLES

Course Number  0200335
For Grade  10-12
Credit  1.0
Prerequisites  Algebra 1

MAJOR CONCEPTS/CONTENT: The AP Computer Science Principles course is designed to be equivalent to a first-semester introductory college computing course. In this course, students will develop computational thinking vital for success across all disciplines, such as using computational tools to analyze and study data and working with large data sets to analyze, visualize, and draw conclusions from trends. The course is unique in its focus on fostering student creativity. Students are encouraged to apply creative processes when developing computational artifacts and to think creatively while using computer software and other technology to explore questions that interest them. They will also develop effective communication and collaboration skills, working individually and collaboratively to solve problems, and discussing and writing about the importance of these problems and the impacts to their community, society, and the world.
GAME AND SIMULATION FOUNDATIONS: Evolution of Games/Mobile Game Design

Course Number 8208110
For Grade 9-12
Credit 1.0
Prerequisites None
Industry Certification : None

MAJOR CONCEPTS/CONTENT: This course teaches students game design fundamentals through hands-on modding, prototyping, and iteration of a variety of games. Exploring the history of games helps students understand both ancient cultures and today’s gaming industry. This course gives students a chance to explore ancient cultures and find out how their games were designed using available technology and resources. Students will prototype and play board and digital games, and they’ll get hands-on experience creating their own original game. Their final project will include building, play-testing, and revising their own original game that can be played with friends and added to a game portfolio.

GAME AND SIMULATION DESIGN: Gamemaker I/GamemakerII

Course Number 8208120
For Grade 9-12
Credit 1.0
Prerequisites : Game and Simulation Foundations
Industry Certification : None

MAJOR CONCEPTS/CONTENT: In this course, students use professional game design techniques to create playable mobile games that they can add to their game design portfolio. Using GameSalad, students will learn the fundamentals of game balance, apply competition and playfulness, demonstrate a working knowledge of triangularity, and debug using iterative game design. In the second semester course, students find out how the game industry really works by learning the tools, skills, and methodologies used in creating and selling video games. Student teams will create, market, and “sell” a game using a virtual-dollar system; then compete against other teams for the title of Most Games Sold Recommendations are given at the end of the course for taking commercially viable games to market.

DIGITAL MEDIA/MULTI MEDIA FOUNDATIONS 1

Course Number 8201210
For Grade 9-12
Credit 1.0
Prerequisites : None
Industry Certification : Adobe Visual Design Using Adobe Photoshop CC

MAJOR CONCEPTS/CONTENT: This course provides competencies in presentation production issues, basic computer knowledge, illustration software, digital still photography, and photo editing software.

DIGITAL MEDIA/MULTI MEDIA FOUNDATIONS 2

Course Number 8201220
For Grade 9-12
Credit 1.0
Prerequisites : None
Industry Certification : Adobe Graphic & Illustration Using Adobe Illustrator

MAJOR CONCEPTS/CONTENT: This course covers competencies in advanced design, color modes, and fonts. Adobe Illustrator is a comprehensive vector graphics software that allows anyone to create a sophisticated artwork at their fingertips. For anyone beginning to learn illustrator, this course will be their ideal starting point. This course will impart students’ knowledge to create and modify objects and expandable graphical vectors with this powerful drawing software.
CTE COURSE DESCRIPTIONS

DIGITAL VIDEO TECHNOLOGY 1

Course Number 8772110
For Grade 9-12
Credit 1.0
Prerequisites None
Industry Certification Adobe Software packages and Premiere Pro
MAJOR CONCEPTS/CONTENT: Students will learn the basics of video production, with a focus on filming and editing. Students will prepare to earn an industry certification in Adobe Premiere Pro editing software.

DIGITAL VIDEO TECHNOLOGY 2

Course Number 8772120
For Grades 10-12
Credit 1.0
Prerequisite: Successful completion of Television Production 1
Industry Certification Adobe Software packages and Premiere Pro
MAJOR CONCEPTS/CONTENT: This course covers competencies in staging, lighting, equipment use, and scripts. Students will continue refining and growing their visual storytelling skills, expanding their ability to plan, film and edit their own movies. Students will contribute work to TV25’s Storm Report morning announcements show.

TELEVISION PRODUCTION 3

Course Number 8772130
For Grades 10-12
Credit 1.0
Prerequisite Successful completion of Television Production 2
Industry Certification Adobe Software packages and Premiere Pro
MAJOR CONCEPTS/CONTENT: Students will create original programming for The Storm Report on TV25 (the school’s morning announcements show) and work as part of the studio and field crew on the daily show.

TELEVISION PRODUCTION 4

Course Number 8772140
For Grade 12
Credit 1.0
Prerequisite: Successful completion of Television Production 3
Industry Certification Adobe Software packages and Premiere Pro
MAJOR CONCEPTS/CONTENT: The purpose of this program is to prepare students for initial employment as production assistants, audio/video equipment technician, video/TV camera operators, video editors, multi-media artists/animators and broadcast technicians. Students will also manage production of the Storm Report & Storm Watch.

Digital Art Imaging 1 and 2

Grades 11-12
Prerequisite none
Industry Certification: Adobe Animate
Concept: Learn the basics of interactive media creation with Adobe Animate CC along with design and project management skills.

Digital Art Imaging 3 Honors

Grades 11-12
Credit 1.0
Prerequisite: Pre-Approval
Industry Certification: Adobe Indesign
Concept: The focus of this course is designing and producing the school yearbook. We do this with Adobe Indesign, a program that allows you to design high quality brochures, flyers, business cards, postcards, books and even pages for digital publishing such as those for the iPad and Kindle.
The Project Lead the Way (PLTW) Biomedical Sciences Program is a sequence of four courses which follows the PLTW Engineering Program’s proven hands-on, real world problem-solving approach to learning. Students explore the concepts of human medicine and are introduced to bioinformatics, including mapping and analyzing DNA. Through activities, like dissecting a heart, students examine the processes, structures, and interactions of the human body – often playing the role of biomedical professionals to solve mysteries. Think CSI meets ER. They also explore the prevention, diagnosis, and treatment of disease by working collaboratively to conduct investigation.

The PLTW program is designed to serve high school students of diverse backgrounds, helping them all to become college and career ready, from those already interested in STEM-related fields to those who are more inspired by the application of STEM than they are by traditional math and science courses. The classes are taught during the school day and every PLTW instructor receives extensive training, as well as ongoing support.

**NOTE:** This program requires completion of a separate application.

### Program Course Descriptions:

#### Principles of Biomedical Sciences
- **Course Number:** 8708110
- **Grade:** 9, 10
- **Credit:** 1.0
- **Prerequisite:** None
- **Description:** Students investigate the human body systems and various health conditions. They determine the factors that led to the death of a fictional person and investigate lifestyle choices and medical treatments that might have prolonged a person’s life. This course is designed to provide an overview of all the courses in the Biomedical Sciences Program.

#### Human Body Systems
- **Course Number:** 8708120
- **Grade:** 10, 11
- **Credit:** 1.0
- **Prerequisite:** Principles of Biomedical Sciences
- **Description:** Students examine the interactions of body systems as they explore identity, communication, power, movement, protection, and homeostasis. Students design experiments, investigate the structures and functions of their human body, and use data acquisition software to monitor body functions.

#### Medical Interventions
- **Course Number:** 8708130
- **Grade:** 11, 12
- **Credit:** 1.0
- **Prerequisite:** Human Body Systems
- **Description:** Students investigate a variety of interventions involved in the prevention, diagnosis, and treatment of disease. This course is a “how-to” manual for maintaining overall health and homeostasis in the body as students explore how to prevent and fight infection; how to screen and evaluate the code in human DNA; how to prevent, diagnose, and treat cancer; and how to prevail when the organs of the body begin to fail.

#### Biomedical Innovation
- **Course Number:** 8708140
- **Grade:** 12
- **Credit:** 1.0
- **Prerequisite:** Medical Interventions
- **Description:** In this capstone course, students apply their knowledge and skills to answer questions or solve problems related to the biomedical sciences. Students design innovative solutions for the health challenges of the 21st century. Throughout the course, students are expected to present their work to an adult audience that may include representatives from local businesses and healthcare community.