

# **Celebration High School**



**2023-2024**  
**Curriculum Guide**

# Celebration High School

1809 Celebration Boulevard, Celebration, Florida 34747

## Mission Statement

Celebration High School is a challenging and rigorous educational learning community that is dedicated to the preparation of students to be life-long learners and contributing members in a rapidly changing world.

## Vision Statement

A comprehensive, standards-based course of study with a personalized approach, will provide the students of Celebration High School the opportunity to:

Graduate with a certified Florida High School Diploma

Have the skills to effectively read, write, compute, communicate and use technology

Gather, analyze, synthesize, and use information for a variety of purposes

Be creative, problem-solving decision makers who can interact cooperatively with others in any environment

Engage in a rich elective program designed to meet the individual interests of students

Enhance one's self-esteem by engaging in a learning community that is caring for all its members

Community members will be invited & given opportunities to be a part of the learning community

## Stay Connected with Celebration High School

	<a href="https://www.osceolaschools.net/clhs">https://www.osceolaschools.net/clhs</a>
	@celebrationhighschool
	Celebration High: @sdocclhs Class of 2024: @chsstorm24 Class of 2025: @chsstorm25 Class of 2026: @chsstorm26 Class of 2027: @chsstorm27

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## **Section 1: Curriculum Overview**

# Course Levels

## College/Career Prep

Often referred to as “regular” courses, this coursework will help to prepare you for graduation from high school by getting you ready for coursework at the next level or the career field. These courses create the framework for graduation requirements and the unweighted GPA coursework.

## Honors

Honors courses are designed to provide more academic rigor and will therefore demonstrate to college admissions officers your willingness to challenge yourself. Their increased rigor will also prepare you for the courses you will encounter in a college setting. In addition, when you do well in an honors course, you let college admissions officers know how you will do in a college level course. Select an honors course if you are looking to increase the academic rigor of your high school program. Honors courses are offered in all core academic areas and many elective areas so you can select the content areas you wish to increase rigor. These courses are the first level of weighted GPA coursework.

## Advanced Placement

AP courses also provide even more academic rigor than Honors courses. They can demonstrate to college admissions officers not only your ability to handle college-level courses, but also your willingness to take on a challenge. These courses are designed to prepare students for the AP exams that accompany the course. Earning a 3 on the exam will demonstrate your competence in the subject and will earn you college credit in some colleges. These courses require nightly reading and, in most courses, extensive writing assignments or projects. These courses are the next level of weighted GPA coursework.

## Dual Enrollment

Like AP, Dual Enrollment courses are college level courses. The main difference is that you take the courses through actual college institutions, so you get a head start on your college coursework while enrolled in high school. DE courses are FREE so successful completion can save you money on college tuition. Dual Enrollment courses can be completed with Valencia College, UCF, or UF (online) and courses available vary by college. These courses also require nightly reading and, in most courses, extensive writing assignments. They receive the same amount of weighted GPA points as AP courses.

# Grade Calculations

## Grading Scale

The following is the letter grade given for each range of grade percentages for a course in Osceola County.

Letter Grade	Grade Percentage Range
A	90-100%
B	80-89%
C	70-79%
D	69-69%
F	0-59%

## Grade Point Average (GPA)

A student's GPA is calculated using the point system below. Beginning in grade nine, all subjects, whether passed or failed are included in the GPA computation. Grades and official GPAs are recorded in the student portal and on the official transcript in January and June (at the end of each semester). A minimum of a 2.0 unweighted GPA is required for graduation. Weighted points are given to Honors, AP, DE, and IB courses.

Letter Grade	Grade Percentage Range	Standard Points	Honors Points	AP/DE/IB Points
A	90-100%	4.00	4.50	5.00
B	80-89%	3.00	3.50	4.00
C	70-79%	2.00	2.50	3.00
D	69-69%	1.00	1.50	2.00
F	0-59%	0.00	0.00	0.00

## Grade Forgiveness

Students who earn a D or F grade in a course may retake the course or a similar course to improve this grade. This higher grade (C or better) will be calculated for the student's GPA. However, the original grade will remain on the student transcript.

## Class Rank

Class rank is computed by the Student Information System for all students at the completion of each semester. Class ranks are computed for both weighted and unweighted course grades. Weighted GPAs are used to determine the valedictorian and salutatorian in Osceola County.

# Standard Diploma Requirements

## Academic Advisement – What Students and Parents Need to Know

### What are the diploma options?

Students must successfully complete one of the following diploma options:

- 24-credit standard diploma
- 18-credit Academically Challenging Curriculum to Enhance Learning (ACCEL)
- Career and Technical Education (CTE) Pathway
- Advanced International Certificate of Education (AICE) curriculum
- International Baccalaureate (IB) Diploma curriculum

### What are the state assessment requirements?

Students must pass the following statewide assessments:

- Grade 10 English Language Arts (ELA) or a concordant score
- Algebra 1 end of course (EOC) or a comparative score

Refer to [Graduation Requirements for Florida's Statewide Assessments](#) for concordant and comparative scores.

Students enrolled in the following courses must participate in the corresponding EOC assessment, which constitutes 30 percent of the final course grade<sup>+</sup>:

- Algebra 1
- Geometry
- Biology 1
- U.S. History

<sup>+</sup>Special note: Thirty percent not applicable if not enrolled in the course but passed the EOC (credit acceleration program [CAP]).

### What is the difference between the 18-credit ACCEL option and the 24-credit option?

- 3 elective credits instead of 8
- Physical Education is not required
- Online course is not required

### What is the difference between the CTE Pathway option and the 24-credit option?

- At least 18 credits are required
- 4 elective credits instead of 8
  - 2 credits in CTE courses, must result in completion and industry certification
  - 2 credits in work-based learning programs or up to 2 elective credits including financial literacy
- Physical Education is not required
- Fine and Performing Arts, Speech and Debate, or Practical Arts is not required
- Online course is not required

### 24 Credit Standard Diploma

#### 4 Credits ELA

- ELA 1, 2, 3, 4
- ELA honors, Advanced Placement (AP), AICE, IB and dual enrollment courses may satisfy this requirement

#### 4 Credits Mathematics\*

- One of which must be Algebra 1 and one of which must be Geometry
- Industry Certifications that lead to college credit may substitute for up to two mathematics credits (except for Algebra 1 and Geometry)
- An identified computer science\*\* credit may substitute for up to one mathematics credit (except for Algebra 1 and Geometry)

#### 3 Credits Science

- One of which must be Biology 1, two of which must be equally rigorous science courses
- Two of the three required course credits must have a laboratory component
- Industry Certifications that lead to college credit may substitute for up to one science credit (except for Biology 1)
- An identified computer science\*\* credit may substitute for up to one science credit (except for Biology 1)

#### 3 Credits Social Studies

- 1 credit in World History
- 1 credit in U.S. History
- 0.5 credit in U.S. Government
- 0.5 credit in Economics

#### 1 Credit Fine and Performing Arts, Speech and Debate, or Practical Arts\*

#### 1 Credit Physical Education\*

- To include the integration of health

#### 8 Elective Credits

#### 1 Online Course

Students must earn a 2.0 grade point average (GPA) on a 4.0 scale for all cohort years and pass statewide, standardized assessments unless a waiver of assessment results is granted by the IEP team for students with disabilities.

\* Eligible courses are specified in the [Florida Course Code Directory](#).

\*\*A computer science credit may not be used to substitute for both a mathematics and science credit.



### Scholar Diploma Designation

In addition to the requirements of section (s.) [1003.4282](#), Florida Statutes (F.S.), a student must satisfy the following requirements (per. s. [1003.4285](#), F.S.):

- Earn 1 credit in Algebra 2 or an equally rigorous course
- Pass the Geometry EOC
- Earn 1 credit in Statistics or an equally rigorous mathematics course
- Pass the Biology 1 EOC\*
- Earn 1 credit in Chemistry or Physics
- Earn 1 credit in a course equally rigorous to Chemistry or Physics
- Pass the U.S. History EOC\*
- Earn 2 credits in the same World Language
- Earn at least 1 credit in an AP, IB, AICE or a dual enrollment course

\*A student is exempt from the Biology 1 or U.S. History EOC assessment if the student is enrolled in an AP, IB or AICE Biology 1 or U.S. History course; takes the respective AP, IB or AICE assessment; and earns the minimum score to earn college credit.

### Merit Diploma Designation

- Meet the standard high school diploma requirements
- Attain one or more [industry certifications](#) from the list established (per s. 1003.492, F.S.)

#### What are the additional graduation options for students with disabilities?

Two additional options are available only to students with disabilities. Both allow students to substitute a CTE course with related content for one credit in ELA 4, mathematics, science and social studies (excluding Algebra 1, Geometry, Biology 1 and U.S. History). The two options are as follows:

- Students with significant cognitive disabilities may earn credits via access courses and be assessed via an alternate assessment.
- Students who choose the academic and employment option must earn at least 0.5 credit via paid employment.

#### What is the CAP?

The CAP allows a student to earn high school credit if the student passes an AP examination, a College Level Examination Program (CLEP) or a statewide course assessment without enrollment in the course. The courses include:

- Algebra 1
- Geometry
- Biology 1
- U.S. History



### State University System (SUS)

Admission into Florida's public universities is competitive. Prospective students should complete a rigorous course of study in high school and apply to more than one university to increase their chance for acceptance. To qualify to enter one of Florida's public universities, a first-time-in-college student must meet the following minimum requirements (credit earned by industry certification does not count for SUS admission):

- High school graduation with a standard diploma, a minimum of a 2.5 GPA, and admission test scores meeting minimum college-ready test scores per Board of Governors (BOG) Regulation 6.008
- 16 credits of approved college preparatory academic courses per BOG Regulation 6.002
- 4 English (3 with substantial writing)
- 4 Mathematics (Algebra 1 level and above)
- 3 Natural Science (2 with substantial lab)
- 3 Social Science
- 2 World Language (sequential, in the same language or other equivalents)
- 2 approved electives

[State University System of Florida](#)

### The Florida College System

The 28 colleges of the Florida College System serve nearly 800,000 students. Colleges offer affordable and stackable workforce credentials including certificate programs, associate in science degrees and associate in arts degrees, which transfer to a bachelor's degree program. Many colleges also offer workforce bachelor's degree programs in areas of high demand. All Florida College System institutions have open-door admissions for students who earned a standard high school diploma or an equivalent diploma or successfully earned college credit.

[Florida College System](#)

### Career and Technical Colleges and Centers

Florida also offers students 49 accredited career and technical colleges or centers throughout the state, which provide the education and certification necessary to work in a particular career or technical field. Programs are flexible for students and provide industry-specific education and training for a wide variety of occupations.

[Career and Technical Education Directors](#)

#### Where is information on financial aid located?

The Florida Department of Education's Office of Student Financial Assistance administers a variety of postsecondary educational state-funded grants and scholarships.

[Office of Student Financial Assistance](#)

- **Concordant and Comparative Scores**—A student can also meet assessment graduation requirements by earning a concordant or comparative score as specified in [Rule 6A-1.09422](#), Florida Administrative Code (F.A.C.). Tables 3 and 4 show the concordant and comparative scores students may use to satisfy assessment graduation requirements.

**Table 3: Grade 10 ELA Concordant Scores**

Grade 10 FAST ELA Reading <sup>1</sup> , Grade 10 FSA ELA or Grade 10 FCAT 2.0 Reading	
<b>Available for all students who entered grade 9 in 2010–11 and beyond:</b>	
SAT Evidence-Based Reading and Writing (EBRW) <sup>2</sup>	480
ACT English and Reading subtests <sup>3</sup>	18
<b>Available only for students who entered grade 9 prior to 2019–20:</b>	
SAT EBRW <sup>2</sup>	430
SAT Reading Subtest <sup>4</sup>	24
ACT Reading	19

<sup>1</sup> Students whose graduation requirement is the Grade 10 FAST ELA Reading Assessment may use concordant scores aligned to the FSA Grade 10 ELA Assessment (those listed for all students who entered grade 9 in 2010–11 and

beyond) until the State Board of Education adopts concordant scores aligned to the Grade 10 FAST ELA Reading Assessment and determines the date by which students must begin using the new concordant scores.

<sup>2</sup> Administered in March 2016 or beyond. The combined score for the EBRW must come from the same administration of the Reading and Writing subtests.

<sup>3</sup> The average of the English and Reading subtests. If the average of the two subject test scores results in a decimal (.5), the score shall be rounded up to the next whole number. The scores for the English and Reading subject tests are not required to come from the same test administration.

<sup>4</sup> Administered in March 2016 or beyond. Students who entered grade 9 prior to 2019–20 may also use a concordant score of 430 on the SAT Critical Reading if administered prior to March 2016.

**Table 4: Algebra 1 EOC Comparative Scores**

Algebra 1 EOC (B.E.S.T. <sup>1</sup> , FSA, NGSSS)	
<b>Available for all students who entered grade 9 in 2010–11 and beyond:</b>	
PSAT/NMSQT Math <sup>2</sup>	430
SAT Math <sup>3</sup>	420
ACT Math	16
FSA or B.E.S.T. Geometry EOC <sup>4</sup>	499
<b>Available only for students who entered grade 9 prior to 2019–20:</b>	
PERT Mathematics	97

<sup>1</sup> Students whose assessment graduation requirement is the B.E.S.T. Algebra 1 EOC Assessment may use comparative scores aligned to the FSA Algebra 1 EOC Assessment (those listed for all students who entered grade 9 in 2010–11 and beyond) until the State Board of Education adopts concordant scores aligned to the B.E.S.T. Algebra 1 EOC Assessment and determines the date by which students must begin using the new comparative scores.

<sup>2</sup> Administered in 2015 or beyond. Students who entered grade 9 in 2010–11 and beyond may also use a comparative score of 39 on PSAT/NMSQT Math if it was earned prior to 2015.

<sup>3</sup> Administered in March 2016 or beyond. Students who entered grade 9 in 2010–11 and beyond may also use a comparative score of 380 on SAT Math if it was earned prior to March 2016.

<sup>4</sup> Students eligible for either the FSA Algebra 1 EOC alternate passing score of 489 or the FSA Geometry EOC passing score of 492, as defined by [Rule 6A-1.09422\(6\)-\(7\)](#), F.A.C., may use the alternate passing score of 492 on the FSA Geometry EOC as an Algebra 1 EOC comparative score. See the Scholar Diploma Designation section below for eligibility criteria.

# Scheduling Policies & Procedures

## Scheduling Procedures

Planning for next year's classes is an important decision involving numerous factors. This guide is designed to help you take an active role in this process. It highlights the numerous educational options offered at Celebration High School and provides brief program and course descriptions, prerequisites, and other information pertinent to this process. 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. Students are encouraged to make careful decisions when selecting courses, as schedule changes are done on a very limited basis once school begins. While every effort is made to give students their top choices for courses, back up choices will be used in the event if a scheduling conflict, so they too should be selected carefully.

### Follow these steps to ensure a successful school year:

1. CONSIDER your plans past graduation -- College? Military? Career? Technical School?
2. READ this Curriculum Guide carefully and consider all options.
3. REVIEW the graduation requirements on pages 8-10.
4. PAY ATTENTION to which requirements you have already completed, and which courses you still need to take next year. Consider prerequisites that need to be taken first, as well as courses which need to be repeated because of lost credit. Be sure to also consider past performance in similar coursework.
5. VERIFY your completed courses and test scores in FOCUS. Select appropriate course levels (standard, honors, or AP).
6. CHOOSE your electives (check for any prerequisites).
7. TALK to your parents, teachers, and School Counselor about your course selections.
8. SELECT courses that will fulfill your goals for the future.

## Schedule Change Policy

Once students have their scheduling meeting with their school counselor, the scheduling process has begun. For the academic benefit of the student and to limit the number of times a student's schedule is changed – very few schedule changes will be made. Please read further for information on the Add/Drop period and criteria for schedule corrections before the school year.

**Please Note:** The CHS Administration reserves the right to make schedule changes based on class size. The Florida Class Size Amendment may require balancing of courses after the school year begins and may impact student schedules. Students may also be required by Florida law or school district policy to take remediation courses based on standardized test scores from the FSA Tests and/or Florida EOC Assessments. Courses in this curriculum guide may also be dropped if there is not sufficient demand for them.

## Add/Drop Window

Schedules for the upcoming school are typically released in late July (date to be announced). If a student needs to discuss or request a correction to their schedule (see criteria below) they will be allowed to schedule an appointment with their counselor (dates & times to be determined) during the Add/Drop window.

### Note:

- Schedule corrections will be considered based on the criteria below
- There will be no add/drop once the school year has begun.
- A request may require an entire schedule to be altered to meet the request you have made -Including different teachers and different class periods

Updates will be granted for the following reasons:	Updates will not be granted for the following reasons:
<ul style="list-style-type: none"><li>• Duplicate Course</li><li>• Credit already received for the course</li><li>• Course prerequisites not met</li><li>• Course needed for graduation</li><li>• Course passed in summer school</li><li>• Course level incorrect (i.e. Standard, Honors, AP)</li></ul>	<ul style="list-style-type: none"><li>• Desire for a different teacher</li><li>• Desire for a different lunch period</li><li>• Course credit not required</li><li>• Desire to raise GPA</li><li>• Do not like elective</li><li>• Failure to complete summer assignment</li></ul>

## Schedule Change Requests During the School Year

Only administrative schedule changes will be permitted during the school year. Administrative approval to drop a course during the school year will not be permitted unless the followed has occurred:

- Student has participated in Surge Interventions
- Student has attended tutoring if available or utilized additional resources available
- Student/Parent/Teacher conference with the school counselor has taken place
- **Note:** Fees may apply for dropping an AP course after exam registration has occurred

## Shortened/Partial Day Schedules

Shortened schedules will only be available for seniors, upon request. Additionally, students must meet specific requirements including a minimum GPA, be on track for graduation, etc., as approved by your School Counselor and an Administrator.

# Virtual Courses

## Online Course Graduation Requirement

Under Florida's Digital Learning Act all students must complete one full high school level virtual course as a requirement for graduation. This course may be either a 0.5 credit course or a 1 credit course and is typically completed within the 24 credits required for a standard diploma.

The preferred provider for virtual courses is the **Osceola Virtual School (OVS)** which offers a wide variety of free high school courses.

Virtual courses offer students the flexibility of completing graduation requirements in their own time (including summer) and the chance to explore their personal interests in courses that may not be available at CHS. Students can work independently (self-paced) but should follow the regular school calendar.

We strongly recommend that all CHS students have this requirement met prior to entering 12th grade. Failure to follow this timeline may result in the student be identified as at-risk for on-time graduation. Contact your guidance counselor for assistance with this requirement.





## **Section 2: Course Descriptions**

**2023-2024**

# English Language Arts

**Students will be required to take an English course all 4 years of High School regardless of credits**

## Required Courses for Graduation:

1001310

English 1

Credits: 1.0

Area: EN

Grades: 9

Prerequisite: None

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/career preparation and readiness.

1001320

English 1 Honors

Credits: 1.0

Area: EN

Grades: 9

Prerequisite: None

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.

1001340

English 2

Credits: 1.0

Area: EN

Grades: 10

Prerequisite: English 1

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/career preparation and readiness.

1001350

English 2 Honors

Credits: 1.0

Area: EN

Grades: 10

Prerequisite: English 1

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 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.

1001370

English 3

Credits: 1.0

Area: EN

Grades: 11

Prerequisite: English 2

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/career preparation and readiness.

1001380

English 3 Honors

Credits: 1.0

Area: EN

Grades: 11

Prerequisite: English 2

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. 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.

**1001400**                      **English 4**

Credits: 1.0                      Area: EN                      Grades: 12                      Prerequisite: English 3

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/career preparation and readiness.

**1001410**                      **English 4 Honors**

Credits: 1.0                      Area: EN                      Grades: 12                      Prerequisite: English 3

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 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.

**Additional English Language Arts Courses:**

**1002380**                      **English Language Development**

Credits: 1.0                      Area: EL                      Grades: 9-12                      Prerequisite: None

The purpose of this course is to enable high school students who are native speakers of languages other than English to accelerate the development of communication and literacy skills that will promote English proficiency. This course will strengthen English listening, speaking, reading, and writing skills so that students are able to successfully comprehend high school grade-level text independently, as well as communicate for social and instructional purposes within the school setting.

**1000412-1000418**                      **Intensive Reading**

Credits: 1.0                      Area: EL                      Grades: 9-12                      Prerequisite: None

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

**AP English Language Arts Courses:**

**1001420**                      **AP English Language and Composition**

Credits: 1.0                      Area: EN                      Grades: 11                      Prerequisite: English 2 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.

**1001430**                      **AP English Literature and Composition**

Credits: 1.0                      Area: EN                      Grades: 12                      Prerequisite: English 3 Honors/AP English Language

The focus of this course is to engage students in the close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, styles and themes, as well as its use of figurative language, imagery, symbolism, and tone. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works.



# Mathematics

Students will be required to take a Math course all 4 years of High School regardless of credits

## Required Courses for Graduation:

### 1200310 Algebra 1

Credits: 1.0 Area: A1 Grades: 9 Prerequisite: None

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.

### 1200320 Algebra 1 Honors

Credits: 1.0 Area: A1 Grades: 9 Prerequisite: None

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.

### 1206310 Geometry

Credits: 1.0 Area: GE Grades: 9-10 Prerequisite: Algebra 1

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.

### 1206320 Geometry Honors

Credits: 1.0 Area: GE Grades: 9-10 Prerequisite: Algebra 1

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.

## Additional Math Courses:

### 1200340 Algebra 2 Honors

Credits: 1.0 Area: MA Grades: 9-12 Prerequisite: Geometry

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.

**1200710**                      **Mathematics for College Algebra**

Credits: 1.0                      Area: MA                      Grades: 10-12                      Prerequisite: Geometry

This course reviews and builds upon important concepts from Algebra 1 while preparing students for future math courses.

**1210305**                      **Mathematics for College Statistics**

Credits: 1.0                      Area: MA                      Grades: 10-12                      Prerequisite: Geometry

This course prepares students for college statistics or AP Statistics. Material covered builds upon the statistics content covered in middle school and Algebra 1 while preparing students for further statistics courses.

**1200388**                      **Mathematics for Data and Financial Literacy Honors**

Credits: 1.0                      Area: MA                      Grades: 10-12                      Prerequisite: Geometry

This course applies previous knowledge in ratios, proportions, and functions to data and financial contexts while discussing basic economics, accounting principles, credit accounts, loans, investments, insurance, and retirement plans.

**AP Math Courses:**

**1210310**                      **AP Calculus AB**

Credits: 1.0                      Area: MA                      Grades: 11-12                      Prerequisite: AP Pre-Calculus

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 may result in college credit.

**1210320**                      **AP Calculus BC**

Credits: 1.0                      Area: MA                      Grades: 12                      Prerequisite: AP Calculus AB

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; and Taylor polynomials. Successful completion of the AP examination may result in college credit.

**1202340**                      **AP Pre-Calculus**

Credits: 1.0                      Area: MA                      Grades: 10-12                      Prerequisite: Algebra 2 Honors

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. Successful completion of the AP examination may result in college credit.

1210320

AP Statistics

Credits: 1.0

Area: MA

Grades: 10-12

Prerequisite:

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 may result in college credit.

## Science

**Students will be required to take a Science course all 4 years of High School regardless of credits**

### Required Courses for Graduation:

2000310

Biology 1

Credits: 1.00

Area: BI

Grades: 9-10

Prerequisite: Physical Science Coursework

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.

2000320

Biology 1 Honors

Credits: 1.00

Area: BI

Grades: 9-10

Prerequisite: Physical Science Coursework

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.

### Additional Science Courses:

2000360

Anatomy and Physiology Honors

Credits: 1.00

Area: EQ

Grades: 10-12

Prerequisite: Biology

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.

2020910

Astronomy Solar/Galactic Honors

Credits: 1.00

Area: EQ

Grades: 10-12

Prerequisite: Biology

Laboratory investigations that include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course. This course will relate the history of and explain the justification for future space exploration, connect the concepts of radiation and the electromagnetic spectrum, analyze the broad effects of space exploration on the economy, describe and apply the coordinate system used to locate object in the sky, etc.

2003350

Chemistry 1 Honors

Credits: 1.00

Area: EQ

Grades: 9-12

Prerequisite: Biology & Algebra 1

This course provides 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.

### 20013400 Environmental Science

Credits: 1.00 Area: EQ Grades: 9 Prerequisite: None

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.

### 20013410 Environmental Science Honors

Credits: 1.00 Area: EQ Grades: 9 Prerequisite: None

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.

### 20024800 Forensic Science

Credits: 1.00 Area: EQ Grades: 10-12 Prerequisite: Biology & Algebra 1

This course examines the latest forensic techniques and innovations used to solve crimes. It also focuses on basic scientific principles and laboratory processes used in the field, such as DNA testing, toxicology, and material analysis. Investigative experiences for students include spectrometry, electrophoresis, and evidence analysis techniques. Students also study crime scene processing and evidence collection during crime scene investigations (CSI).

### 2002500 Marine Science Honors 1

Credits: 1.00 Area: EQ Grades: 10-12 Prerequisite: Biology

This course is designed to give students an in-depth 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.

### 2003390 Physics 1 Honors

Credits: 1.00 Area: EQ Grades: 10-12 Prerequisite: Biology & Algebra 2 Hon

This course includes an in-depth coverage of systems of measurement, force, graphical analysis, dynamics, circular and rotary motion, projectile motion, waves, work and power, energy, heat, sound, light, nuclear energy, electricity, and magnetism.

## AP Science Courses:

### 2000340 AP Biology/Genetics (Double-Blocked Course)

Credits: 1.00 Area: EQ Grades: 10-12 Prerequisite: Biology & Chemistry

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. This is a college level course, of which laboratory investigations are an integral part. Success on the AP exam may result in college credit.

### 2003370 [AP Chemistry/Chemistry 2 \(Double-Blocked Course\)](#)

Credits: 1.00 Area: EQ Grades: 10-12 Prerequisite: Chemistry & Algebra 2 Hon

The purpose of this course is to study the development and application of chemistry principles and concepts. This is a college-level course and laboratory investigations are an integral part. Success on the AP exam may result in college credit.

### 2001380 [AP Environmental Science](#)

Credits: 1.00 Area: EQ Grades: 10-12 Prerequisite: Biology

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 of study include ecosystem interactions, biodiversity, land use (agriculture and forestry), energy resources, water and air pollution, waste management and climate change.

### 2003420 [AP Physics 1](#)

Credits: 1.00 Area: EQ Grades: 11-12 Prerequisite: Physics & Algebra 2 Hon

The purpose of this course is to provide a systemic introduction to the main principles of classical and modern physics and emphasize the development of problem-solving ability. Success on the AP exam may result in college credit.

### 2003422 [AP Physics 2](#)

Credits: 1.00 Area: EQ Grades: 12 Prerequisite: AP Physics 1

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.

## Social Studies

### Required Courses for Graduation:

#### [05005001/FinLit](#) [Freshmen Seminar/Financial Literacy](#)

Credits: 1.00 Area: WH Grades: 9 Prerequisite: None

**\*\*\*New Requirement for Students entering 9<sup>th</sup> Grade 2023-2024. Course description due Spring 2023\*\*\***

#### [2109310](#) [World History](#)

Credits: 1.00 Area: WH Grades: 10 Prerequisite: None

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.

#### [2109310](#) [World History](#)

Credits: 1.00 Area: WH Grades: 10 Prerequisite: None

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.

**2109320**                      **World History Honors**

Credits: 1.00              Area: WH              Grades: 10              Prerequisite: None

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 members of a global community.

**2100310**                      **US History**

Credits: 1.00              Area: AH              Grades: 11              Prerequisite: World 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.

**2100320**                      **US History Honors**

Credits: 1.00              Area: AH              Grades: 11              Prerequisite: World History

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.

**2106310**                      **US Government**

Credits: 0.5              Area: AG              Grades: 12              Prerequisite: American History

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.

**2106320**                      **US Government Honors**

Credits: 0.5              Area: AG              Grades: 12              Prerequisite: American History

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.

**2102310**                      **Economics w/Financial Literacy**

Credits: 0.5              Area: EC              Grades: 12              Prerequisite: American History

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.

**2102320**                      **Economics Honors**

Credits: 0.5              Area: EC              Grades: 12              Prerequisite: American History

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.

## **Additional Social Studies Courses:**

### **2107300**      **Psychology 1**

Credits: 0.5      Area: SS      Grades: 10-12      Prerequisite: Biology

Students will acquire an understanding of human behavior, behavior interaction and the progressive development of individuals. The content examined in this introductory course includes major theories and orientations of psychology, psychological methodology, memory and cognition, human growth/development, personality, abnormal behavior, psychological therapies, stress/coping strategies, and mental health.

### **2107310**      **Psychology 2**

Credits: 0.5      Area: SS      Grades: 10-12      Prerequisite: 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 second introductory course includes statistical research, psychobiology, motivation and emotion, sensation and perception, states of consciousness, psychological testing, and social psychology.

## **AP Social Studies Courses:**

### **21034000**      **AP Human Geography**

Credits: 1.0      Area: SS      Grades: 9-12      Prerequisite: None

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.

### **2107350**      **AP Psychology**

Credits: 1.0      Area: SS      Grades: 11-12      Prerequisite: Biology

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.

### **2109420**      **AP World History**

Credits: 1.0      Area: WH      Grades: 10      Prerequisite: None

The content of this course is for students to understand the development of Europe within the context of history. Students will be examining connections to the past in order to prepare for the future as participating members of a global community.

### **2100330**      **AP United States History**

Credits: 1.0      Area: AH      Grades: 11      Prerequisite: World History Honors

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.

### **2106420**      **AP United States Government**

Credits: 0.5      Area: AG      Grades: 12      Prerequisite: American History Honors

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.

2102370

AP Macroeconomics

Credits: 0.5

Area: EC

Grades: 12

Prerequisite: American History Honors

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.

## Elective Courses

### Dance

0300310

Dance Techniques 1

Credits: 1.0

Area: PF

Grades: 9-12

Prerequisite: None

The purpose of this course is to learn foundational skills in two or more dance styles. 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.

0300320

Dance Techniques 2

Credits: 1.0

Area: PF

Grades: 10-12

Prerequisite: Dance 1

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.

0300330

Dance Techniques 3 Honors

Credits: 1.0

Area: PF

Grades: 11-12

Prerequisite: Dance 2 & Teacher Approval

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.

0300334

Dance Techniques 4 Honors

Credits: 1.0

Area: PF

Grades: 12

Prerequisite: Dance 3 & Teacher Approval

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.

### Drama/Theatre Arts

0400410

Technical Theatre—Design & Production 1

Credits: 1.0

Area: PF

Grades: 9-12

Prerequisite: none

Technical Theatre: Design and Production 1 is the study of what theatre technicians do, and how they do it. The course will focus on building all of the necessary skills required to be a theatre technician from how to read a script to how to run a light board. Students will spend time learning about set design and construction, acquiring props, designing and running lights, audio design, costumes, and what careers there are in the world for a theatre technician.



### 0400310 Theatre 1

Credits: 1.0 Area: PF Grades: 9-12 Prerequisite: None

Theatre 1 is a survey class in which students study a variety of theatrical aspects. The purpose of this course is to promote enjoyment and appreciation for the theatre world. Classwork focuses on the exploration of theatre literature, performance, historical and cultural connections, and technical requirements.

### 0400370 Acting 1

Credits: 1.0 Area: PF Grades: 10-12 Prerequisite: Theatre 1 or Teacher Approval

Acting 1 focuses on laying the foundation for the craft of acting. 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; terminology; script analysis; artistic discipline; and roles and careers.

### 0400330 Theatre 3 Honors—Off Book Productions (Double-Blocked Course)

Credits: 1.0 Area: PF Grades: 11-12 Prerequisite: 1 year in Theatre and Audition

This course is designed for students with significant experience in theatre and promotes depth of engagement and lifelong appreciation for theatre through a broad spectrum of teacher-assigned and self-directed study and performance. Off Book Productions produces three shows, from the ground up, each year, and remounts one of them for competition. The members of the company experience firsthand how a show moves from casting through rehearsals, and finally, into production. Students will participate in debriefings after each show to discuss successes and challenges, and to plan for the next production. This course requires students to participate in extra rehearsals and performances beyond the school day.

### 0400340 Theatre 4 Honors—Off Book Productions (Double-Blocked Course)

Credits: 1.0 Area: PF Grades: 12 Prerequisite: 1 year in Theatre and Audition

This course is designed for students with significant experience in theatre and promotes depth of engagement and lifelong appreciation for theatre through a broad spectrum of teacher-assigned and self-directed study and performance. Off Book Productions produces three shows, from the ground up, each year, and remounts one of them for competition. The members of the company experience firsthand how a show moves from casting through rehearsals, and finally, into production. Students will participate in debriefings after each show to discuss successes and challenges, and to plan for the next production. This course requires students to participate in extra rehearsals and performances beyond the school day.

## Information Technology

### 0200335 AP Computer Science Principles

Credits: 1.0 Area: MA Grades: 10-12 Prerequisite: Algebra 2 Hon

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.

8207310

Digital Information Technology

Credits: 1.0

Area: PA

Grades: 9-12

Prerequisite: None

This course is designed to provide an overview of business operations and introduce students to fundamental skills required for today's business and academic environments. The intention of this course is to prepare students to be successful personally and professionally in business and in an information-based society. The course includes the foundations necessary for starting a business, working at and managing a business, consulting to satisfy customer needs, in conjunction with gaining practical skills in applications including spreadsheets, word processing, presentation, and digital communications.

## Journalism

1006300

Journalism 1

Credits: 1.0

Area: PA

Grades: 9-12

Prerequisite: None

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.

1006310

Journalism 2

Credits: 1.0

Area: PA

Grades: 10-12

Prerequisite: Journalism 1 or Teacher Approval

The purpose of this course is to enable students to extend fundamental skills in the production of journalism across print, multimedia, web, and broadcast/radio platforms and to develop further knowledge of journalism history, ethics use, and management techniques related to the production of journalistic media.

## JROTC

\*Two years in JROTC will meet the Physical Education and the Fine Arts graduation requirement

1800300

Air Force JROTC – AF Aerospace Science 1

Credits: 1.0

Area: EL

Grades: 9-12

Prerequisite: None

The purpose of this course is to enable students to develop knowledge of the historical development of flight and the role of the military in history. Students also develop knowledge of the Air Force Junior Reserve Officer Training Corps (AFJROTC), individual self-control, citizenship, wellness, health, and fitness. Students practice basic drill techniques and conduct military ceremonies.

1800310

Air Force JROTC – AF Aerospace Science 2

Credits: 1.0

Area: EL

Grades: 10-12

Prerequisite: Air Force JROTC 1

The purpose of this course is to enable students to develop knowledge of the aerospace environment, human requirements of flight, principles of aircraft flight, and principles of navigation. Students also develop effective communication skills, understanding of human and group behavior, and basic leadership concepts. Students practice drill movements and observe military customs and ceremonies.

1800320

Air Force JROTC – AF Aerospace Science 3

Credits: 1.0

Area: EL

Grades: 11-12

Prerequisite: Air Force JROTC 2

The purpose of this course is to enable students to develop knowledge of the space environment, space programs and technology, and manned space flight. Students develop knowledge and skills related to planning for post-secondary education or employment and career opportunities, including financial planning. Students polish skills in marching and conducting military ceremonies.

1800330 Air Force JROTC – AF Aerospace Science 4

Credits: 1.0 Area: EL Grades: 9-12 Prerequisite: Air Force JROTC 3

The purpose of this course is to enable students to develop knowledge of physical and human geography in the major regions of the world. Students develop fundamental management concepts and skills and apply them in corps activities. Drill and ceremony functions are carried out with ease and professionalism.

## Leadership

2400300L-2400310L Latinos in Action (LIA) Leadership 1 & 2

Credits: 1.0 Area: EL Grades: 10-12 Prerequisite: 2.0 GPA

The purpose of this course is to enhance the linguistic affect, the social affect, and the cognitive effect of the student as they become role models, mentors, and tutors for their younger peers. Students will develop their linguistic proficiency, social skills, and cognitive abilities to become well-rounded individuals, which will prepare them for their future as college bound students and contributing members of society. Students will interact with community entities by providing meaningful service that builds bridges to strengthen relationships. They will use cultural knowledge to connect with and participate in local, national, and international communities by tutoring and being a mentor in local elementary or junior high schools.

## Music

\*One semester of Marching Band with a grade of “C” or better waives the .5 credit requirement of a physical education elective. Student must still take the .5 credit in Personal Fitness class to complete the requirement.

1300330 AP Music Theory

Credits: 1.00 Area: PF Grades: 10-12 Prerequisite: Teacher Approval & Diagnostic Test

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.

1300330 Band 1 – Beginning Band

Credits: 1.00 Area: PF Grades: 9-12 Prerequisite: None

This class is offered to those students who have never played any band instrument before, or if you are interested in learning a new instrument. This class will give students the opportunity to try many instruments and progress into the upper Celebration High School Concert Bands. This class will perform at the Winter and Spring Concerts, and will be able to fulfill the Performing Arts requirement for graduation.

1302320-1302341 Band 3 – Band 6

Credits: 1.00 Area: PF Grades: 9-12 Prerequisite: Completion of previous level/Audition

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.

1303300 Chorus 1—Beginning Choir

Credits: 1.00 Area: PF Grades 9-12 Prerequisite: None

This course is designed for underclassmen who are brand new to chorus. Students will be introduced to basic vocal technique, sight reading skills, and music theory. Students will be singing in a 3-part mixed choir setting of sopranos, altos, and bari-tenors. Emphasis is placed on the development of skills to increase musicianship.

**13033200**                      **Chorus 3—Intermediate Chorale**

Credits: 1.00                      Area: PF                      Grades 9-12                      Prerequisite: Previous Music Experience

This course is designed for students who have previous music experience (e.g. Piano, Chorus, Band, etc.) at any level. Students will build fundamental vocal technique, sight reading skills, and music theory concepts. Students will be singing in a 3-part mixed choir setting of sopranos, altos, and bari-tenors. Emphasis is placed on the development of skills to increase musicianship and providing excellent performance opportunities.

**1303330-1303350C**                      **Chorus 4 – Chorus 6: Advanced Concert Choir**

Credits: 1.00                      Area: PF                      Grades: 10-12                      Prerequisite: Completion of previous level

This course is designed for singers with intermediate-advanced vocal ability and sight-reading skills. Students will be singing in a 4-part mixed choir setting of sopranos, altos, tenors, and basses. developing intermediate level singer in a mixed choir atmosphere. Students will be introduced to advanced concepts in sight reading and music theory as well as a variety of choral literature.

**1303330-1302250W**                      **Chorus 4 – Chorus 6: Advanced Women’s Choir**

Credits: 1.00                      Area: PF                      Grades: 10-12                      Prerequisite: Audition/Teacher Approval

This course is designed for singers with advanced vocal ability and sight-reading skills. Students will be singing in a 4-part treble choir setting of only sopranos and altos. 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.

**1302500-1302530**                      **Jazz Ensemble 1 – Jazz Ensemble 4**

Credits: 1.00                      Area: PF                      Grades: 9-12                      Prerequisite: Audition/Teacher Approval

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.

**1301360**                      **Keyboard 1—Piano 1**

Credits: 1.00                      Area: PF                      Grades: 9-12                      Prerequisite: None

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.

**1301370**                      **Keyboard 2—Piano 2**

Credits: 1.00                      Area: PF                      Grades: 10-12                      Prerequisite: Keyboard 1

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.

**1301380**                      **Keyboard 3—Piano 3**

Credits: 1.00                      Area: PF                      Grades: 11-12                      Prerequisite: Keyboard 2

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.

### 1301390 Keyboard 4 Honors—Piano 4 Honors

Credits: 1.00 Area: PF Grades: 12 Prerequisite: Keyboard 3

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 will serve as a culmination of semester grades. Participation in Solo & Ensemble is expected of students in this course.

### 1300340 Music of the World

Credits: 1.00 Area: PF Grades: 9-12 Prerequisite: None

This class explores the content and connection of iconic musical artists and bands to our society and pop culture. You will learn about each artist's life and their inspiration and intention behind their music. We will examine lyrics and discuss their meaning, both to the artist and in our own lives. We will discuss the social emotional topics of the pieces, analyzing and reflecting both individually and through group projects and discussions. We will cover a wide range of styles, including artists such as John Legend, Taylor Swift, and more!

### 13023600 Orchestra 1

Credits: 1.00 Area: PF Grades: 9-12 Prerequisite: None

Students who have little or no orchestral experience study and perform high-quality beginning orchestra literature of diverse times and styles. Rehearsals focus on the development of critical listening skills, rudimentary string techniques, music literacy, ensemble skills, and aesthetic awareness. 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. Students in this class may need to obtain (e.g., borrow, rent, purchase) an instrument from an outside source. Students in this class will perform in the Winter and Spring Concerts. Select students may also perform in the District Music Performance Assessment and Solo & Ensemble.

### 13023700 Orchestra 2

Credits: 1.00 Area: PF Grades: 9-12 Prerequisite: Orchestra 1

Students who have at least one year of orchestral experience study, rehearse, and perform high-quality orchestra literature. Rehearsals focus on the development of critical listening skills, musicianship, string techniques, music literacy, ensemble skills, and aesthetic awareness in the context of relevant history and cultures. 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. Students in this class may need to obtain (e.g., borrow, rent, purchase) an instrument from an outside source. Students in this class will perform in the Winter and Spring Concerts, District Music Performance Assessment and Solo & Ensemble.

## Physical Education

Physical Education High School Waiver Information

- Two years in JROTC will meet the Physical Education and the Fine Arts graduation requirement
- One semester of Marching Band with a grade of "C" or better waives the .5 credit requirement of a physical education elective. Student must still take the .5 credit in Personal Fitness class to complete the requirement.

### 15013310 Basketball 1

Credits: 0.5 Area: PE Grades: 9-12 Prerequisite: None

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.

1503315                      Basketball 2

Credits: 0.5                      Area: PE                      Grades: 9-12                      Prerequisite: None

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. Participation in course activities will continue to enhance healthy behaviors that influence students to participate in physical activities throughout their life.

1502400                      Care and Prevention of Athletic Injuries

Credits: 0.5                      Area: PE                      Grades: 11-12                      Prerequisite: Biology

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

0800320                      First Aid and Safety

Credits: 0.5                      Area: PE                      Grades: 11-12                      Prerequisite: Biology

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; and career and public service opportunities.

1501310                      Fitness Lifestyle Design

Credits: 0.5                      Area: PE                      Grades: 9-12                      Prerequisite: None

Students will discover habits of body and mind that will lead to a healthier lifestyle. They will measure their current fitness level, nutrition knowledge, and create a plan for achieving individual goals. During their fitness journey, they will learn the principles of strength and endurance training, lifetime fitness activity options, and essential nutrition to encourage lifetime optimal health.

1501300                      Personal Fitness

Credits: 0.5                      Area: PE                      Grades: 9-12                      Prerequisite: None

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.

15013320                      Soccer

Credits: 0.5                      Area: PE                      Grades: 9-12                      Prerequisite: None

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.

1503350                      Team Sports 1

Credits: 0.5                      Area: PE                      Grades: 9-12                      Prerequisite: None

The purpose of this course is to develop the physical skills necessary to be competent in many forms of movement, knowledge of team sports concepts such as offensive and defensive strategies and tactics, and appropriate social behaviors within a team or group setting. The integration of fitness concepts throughout the content is critical to the success of this course.

**1503360**                      **Team Sports 2**

Credits: 0.5                      Area: PE                      Grades: 9-12                      Prerequisite: None

The purpose of this course is to develop the physical skills necessary to be competent in many forms of movement, knowledge of team sports concepts such as offensive and defensive strategies and tactics, and appropriate social behaviors within a team or group setting. The integration of fitness concepts throughout the content is critical to the success of this course.

**15013300**                      **Track and Field**

Credits: 0.5                      Area: PE                      Grades: 9-12                      Prerequisite: None

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.

**1505500**                      **Volleyball 1**

Credits: 0.5                      Area: PE                      Grades: 9-12                      Prerequisite: None

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.

**1505510**                      **Volleyball 2**

Credits: 0.5                      Area: PE                      Grades: 9-12                      Prerequisite: None

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

**1501340**                      **Weight Training 1**

Credits: 0.5                      Area: PE                      Grades: 9-12                      Prerequisite: None

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.

**1501350**                      **Weight Training 2**

Credits: 0.5                      Area: PE                      Grades: 9-12                      Prerequisite: None

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.

**Visual Arts**

**1013000**                      **2-D Studio Art 1**

Credits: 1.0                      Area: PF                      Grades: 9-12                      Prerequisite: None

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.

**1013100**                      **2-D Studio Art 2**

Credits: 1.0                      Area: PF                      Grades: 10-12                      Prerequisite: 2-D Art 1

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 both teacher assigned and self-directed two-dimensional artwork, which may include drawing, painting, printmaking, collage, and more.

**1013200**                      **2-D Studio Art 3 Honors**

Credits: 1.0                      Area: PF                      Grades: 11-12                      Prerequisite: 2-D Art 2 & Teacher Approval

Students demonstrate proficiency in the conceptual development of content in drawing, painting, printmaking, collage, and/or design to create self-directed or collaborative 2-D artwork suitable for inclusion in a portfolio. Students produce works that show evidence of developing craftsmanship and quality in the composition.

**10133000**                      **3-D Studio Art 1**                      Prerequisite: None

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 three-dimensional (3-D) artworks, including found object creation, paper mâché, cardboard construction, plaster, and more.

**10134000**                      **3-D Studio Art 2**                      Prerequisite: 3-D Art 1

In this course students will explore spatial relationships through the use of nonobjective, abstract, or representational forms, products, or structures. Instruction may include, but is not limited to, content in green or industrial design, sculpture, ceramics, or building arts.

**1004300**                      **AP Art History**                      Prerequisite: None

The AP Art History course welcomes students into the global art world to engage with its forms and content as they research, discuss, read, and write about art, artists, art making, and responses to and interpretations of art. Students learn and apply skills of visual, contextual, and comparative analysis to engage with a variety of art forms, developing understanding of individual works and interconnections across history.

**1009350**                      **AP 2-D Art & Design**                      Prerequisite: 2-D Art 3 Honors & Teacher Approval

The 2-D design portfolio addresses 2-D 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.

**10936000**                      **AP 3-D Art & Design**                      Prerequisite: 3-D Studio Art 2 & Teacher Approval

AP 3-D Art (Prereq of 3-D Art 2 and Teacher Approval): The 3-D art portfolio has students refining and applying 3-D art skills to ideas they develop throughout the course through investigation of materials, processes, and ideas. Students will learn to communicate ideas surrounding their work, and show evidence of practice, experimentation, and revision. Upon completion of the course, students will submit a portfolio that demonstrates knowledge of art skills using three-dimensional materials.

**1004300**                      **AP Drawing**                      Prerequisite: 2-D Art 3 Honors & Teacher Approval

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 marking are drawing issues that can be addressed through a variety of means. Abstract, observational and invented works may demonstrate drawing competence.



## World Languages

### 0701320 French 1

Credits: 1.0 Area: FL Grades: 9-12 Prerequisite: None

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.

### 0701330 French 2

Credits: 1.0 Area: FL Grades: 10-12 Prerequisite: French 1

The purpose of this course is to reinforce the fundamental skills acquired by the students in French I. Course content includes increased listening, speaking, reading, and writing skills, as well as cultural awareness.

### 0708340 Spanish 1

Credits: 1.0 Area: FL Grades: 9-12 Prerequisite: None

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.

### 0708350 Spanish 2

Credits: 1.0 Area: FL Grades: 9-12 Prerequisite: Spanish 1

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.

### 0708360 Spanish 3 Honors

Credits: 1.0 Area: FL Grades: 9-12 Prerequisite: Spanish 2 or Native Speaker

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.

### 0708360 Spanish 4 Honors

Credits: 1.0 Area: FL Grades: 10-12 Prerequisite: Spanish 3 or Native Speaker

Spanish 4 expands the skills acquired by the students in Spanish 3. Specific content includes, but is not limited to, more advanced language structures and idiomatic expressions, with emphasis on conversational skills. There is additional growth in vocabulary for practical purposes, including writing. Reading selections are varied and taken from the target language newspapers, magazines, and literary works.

### 0708400 AP Spanish Language

Credits: 1.0 Area: FL Grades: 10-12 Prerequisite: Spanish 3 or 4 or Native Speaker

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).

### 0708410 AP Spanish Literature

Credits: 1.0 Area: FL Grades: 11-12 Prerequisite: AP Spanish Language

This course uses a thematic approach to introduce students to representative texts from Peninsular Spanish, Latin American, and United States Hispanic literature. Students continue to develop proficiencies across the full range of the modes of communication honing their critical reading and analytical writing skills.



**Section 3:**  
**Career & Technical Education (CTE) Pathways**  
**2023-2024**

## **Career and Technical Education (CTE) Pathways**

Career and Technical Education programs are comprised of a sequence of courses, also called a pathway, that provide rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare students for further education and careers in industry. All pathways give students the opportunity to gain valuable technical skill proficiency, and include competency-based applied learning that contribute to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, occupation-specific skills, and knowledge essential to success in the chosen career field.

Celebration High School provides several CTE Pathways for students. Students who complete a CTE Pathway develop the employability and technical skills required by employers in today's globally competitive marketplace.

### **Celebration High School CTE Pathways**

- Biomedical Sciences
- Digital Design
- Digital Media/Multimedia Design
- Digital Video Technology
- Electronics Technology
- Game/Simulation/Animation Programming
- Residential Property Management



## Biomedical Sciences Pathway

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.

### **Industry Certification: BACE - Biotechnician Assistant Credentialing Exam**

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

#### 8708110 Principles of the Biomedical Sciences

Credits: 1.0 Area: EQ Grades: 9-10 Prerequisite: Completion of or enrolled in Biology

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 Bio medical Sciences Program.

#### 8708120 Human Body Systems

Credits: 1.0 Area: EL Grades: 10-11 Prerequisite: Principles of the Biomedical Sciences

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.

#### 8708130 Medical Interventions

Credits: 1.0 Area: FL Grades: 11-12 Prerequisite: Human Body Systems

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.

#### 8708140 Biomedical Innovation

Credits: 1.0 Area: FL Grades: 12 Prerequisite: Medical Interventions

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.

# Digital Design Pathway

The purpose of this program is to prepare students for employment in the Digital Design industry as Information Technology Assistants, Production Assistants, Digital Assistant Designers, Graphic Designers, and Multimedia Designers.

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and the relevant technical knowledge and skills needed to prepare for further education and careers in the Arts, A/V Technology and Communication career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Arts, A/V Technology and Communication career cluster.

The content includes, but is not limited to, enhanced practical experiences in computer-generated art and text, graphic design, graphic production, digital design skills, preparation of digital layouts and illustrations, scanning, and the development of specialized multimedia presentations.

## Industry Certifications: Adobe Animate & Adobe Dreamweaver

### 8209510 Digital Design 1 (Adobe Animate)

Credits: 1.0 Area: PA Grades: 9-12 Prerequisite: None

This course provides the basic skills you need to get up and running with Adobe Animate, and how to use Animate to create immersive animated experiences for the Web. Emphasis will be placed on effective use of tools, enhanced visual development, project management, ethical and legal issues with publishing to desktop, Web and mobile. Students will create a 1-minute animation demo reel and HTML game for portfolio. Upon successful completion of the industry certification exam students will earn college credits.

### 8209520 Digital Design 2 (Adobe Dreamweaver)

Credits: 1.0 Area: PA Grades: 10-12 Prerequisite: Digital Design 1

This course is an introduction to design of websites with Adobe Dreamweaver. Students will create 5 websites and 1 multipage portfolio site. Using lessons from Adobe Animate to add additional interactivity, students will continue to grow animation skills and grow their portfolio. Upon successful completion of the industry certification exam students will earn college credits.

### 8209530 Digital Design 3 (Portfolio)

Credits: 1.0 Area: PA Grades: 11-12 Prerequisite: Digital Design 2 and Teacher Approval

This course is an introduction to design of websites with Adobe Dreamweaver. Students will create 5 websites and 1 multipage portfolio site. Using lessons from Adobe Animate to add additional interactivity, students will continue to grow animation skills and grow their portfolio. Upon successful completion of the industry certification exam students will earn college credits.

# Digital Media/Multimedia Design Pathway

The purpose of this program is to prepare students for work as multimedia artists and animators.

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Arts, A/V Technology and Communication career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Arts, A/V Technology and Communication career cluster.

The content includes, but is not limited to, practical experiences in webpage design and interactive presentation development, testing and production. Specialized skills in multimedia presentations such as video editing, audio features, and simple animation and authoring software are used to produce a variety of interactive multimedia presentations.

## Industry Certifications: Adobe Photoshop, Adobe Illustrator, & Adobe InDesign

### 8201210 [Digital Media/Multimedia Foundations 1 \(Adobe Photoshop\)](#)

Credits: 1.0      Area: PA      Grades: 9-12      Prerequisite: None

This course provides competencies in presentation production issues, basic computer knowledge, illustration software, digital still photography, and photo editing software Photoshop. In this class, you will create things like: CD Covers, Video Game Covers, Music Posters, Cereal Boxes, and a Website based Portfolio showcasing your work.

### 8201220 [Digital Media/Multimedia Foundations 2 \(Adobe Illustrator\)](#)

Credits: 1.0      Area: PA      Grades: 10-12      Prerequisite: Digital Media/Multimedia 1

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. In this class, you will create things like: CD Covers, Video Game Covers, Music Posters, Cereal Boxes, and a Website based Portfolio showcasing your work.

### 8201230 [Digital Media/Multimedia Foundations 3 \(Adobe InDesign\)](#)

Credits: 1.0      Area: PA      Grades: 10-12      Prerequisite: Digital Media/Multimedia 1

This course covers competencies in design layout software. Students work to demonstrate proficiency in using presentation software and equipment to produce a complex presentation. Students will also develop proficiency in using authoring software and demonstrate mastery of design layout software.

# Digital Video Technology

The purpose of this program is to prepare students for initial employment as television production operators, television broadcast technicians, camera operators, other professional/para-professional technicians, video recording engineers, and audio recording engineers.

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Arts, A/V Technology and Communication career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Arts, A/V Technology and Communication career cluster.

The content includes, but is not limited to, communication skills, leadership skills, human relations and employability skills, safe and efficient work practices, and preparation to assume responsibility for the television production studio activities (e.g., scriptwriting, lighting, shooting and directing, electronic news gathering, and field production).

## Industry Certification: Adobe Premier Pro

### 82014100 [Digital Video Technology 1](#)

Credits: 1.0      Area: PA      Grades: 9-12      Prerequisite: None

This course covers competencies in safety, lighting, basic television production equipment, broadcast script interpretation, teamwork, research and audio and video editing.

### 82014200 [Digital Video Technology 2](#)

Credits: 1.0      Area: PA      Grades: 10-12      Prerequisite: TV Production 1

This course covers competencies in staging, lighting, equipment use, and scripts.

### 82014300 [Digital Video Technology 3](#)

Credits: 1.0      Area: PA      Grades: 11-12      Prerequisite: TV Production 2

Students will perform lighting tasks, record and edit audio and video, and participate in all aspects of the television production process – from the initial stages of program creation to final editing.

### 82014400 [Digital Video Technology 4](#)

Credits: 1.0      Area: PA      Grades: 12      Prerequisite: TV Production 3

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.

# Electronics Technology Pathway

The purpose of this program is to provide students with a foundation of knowledge and technically oriented experiences in the study of electronics technology. This program focuses on transferable skills and stresses understanding and demonstration of the technological tools, machines, instruments, materials, processes and systems in business and industry.

The content includes, but is not limited to, the theory, use, and technical application of electronics technology. The content and activities will also include the study of entrepreneurship, safety, and leadership skills.

## Industry Certification:

### 8600910                      Electronics Technology 1

Credits: 1.0                      Area: EL                      Grades: 9-12                      Prerequisite: None

After successful completion of this course, students will be able to demonstrate an understanding of characteristics, core concepts, effects, development, and influence of technology. They will also be able to demonstrate the ability to use and maintain technological products and systems. Content will include but is not limited to electronic circuit symbols, diagrams, color codes, basic Direct Current (DC) circuits, magnets, circuits with motors, math calculations for circuits.

### 8600920                      Electronics Technology 2

Credits: 1.0                      Area: EL                      Grades: 10-12                      Prerequisite: Electronics Technology 1

After successful completion of this course, students will be able to identify, measure, perform math calculations and describe the function of transformers and inductors in electronic circuits; describe, construct, analyze and experiment with capacitive circuits; demonstrate proper electronic assembly methods; and demonstrate an understanding of basic electrical circuits and electronic systems. Content will include but is not limited to integrated circuits, semiconductors, Digital logic IC's and basic Alternating Current (AC) circuits.

### 8600930                      Electronics Technology 3

Credits: 1.0                      Area: EL                      Grades: 10-12                      Prerequisite: Electronics Technology 2

After successful completion of this course, students will be able to describe, construct, analyze and experiment with circuits containing relays; circuits using microcontrollers; circuits containing sensors and transducers; and circuits containing Servos. Students will also be able to demonstrate knowledge of robotics; perform advanced study and skills related to electronics; demonstrate an understanding of the principles and applications of microcomputer systems; and demonstrate technical knowledge and skills about electronic networks and systems. Students will also have the opportunity to learn about career opportunities and requirements in the field of electronics technology.



## Game/Simulation/Animation Programming Pathway

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers such as a Game/Simulation Designer, Game Programmer, and Game Software Developer in the Information Technology career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Information Technology career cluster.

The content includes but is not limited to practical experiences in game/simulation conceptualization, design, storyboarding, development methodologies, essential programming techniques, and implementation issues. Specialized programming skills involving advanced mathematical calculations and physics are also integrated into the curriculum.

### Industry Certification:

#### 8208110                      [Game and Simulation Foundations \(Evolution of Games/Mobile Game Design\)](#)

Credits: 1.0                      Area: PA                      Grades: 9-12                      Prerequisite: None

This course is designed to provide an introduction to game and simulation concepts and careers, the impact game and simulation has on society and industry, and basic game/simulation design concepts such as rule design, play mechanics, and media integration. This course compares and contrasts games and simulations, key development methodologies and tools, careers, and industry-related information. This course also covers strategies, processes, and methods for conceptualizing a game or simulation application; storyboarding techniques; and development tools.

#### 8208120                      [Game and Simulation Design](#)

Credits: 1.0                      Area: PA                      Grades: 10-12                      Prerequisite: Game and Sim Foundations

This course covers fundamental principles of designing a game or a simulation application, in particular Human Computer Interface (HCI) principles, rules and strategies of play, conditional branching, design and development constraints, use of sound and animation, design tools, and implementation issues. The content includes market research, product design documentation, storyboarding, proposal development, and presentation of a project report. Emphasis is placed on the techniques needed to develop well-documented, structured game or simulation programs.

#### 8208330                      [Gaming Simulation Programming](#)

Credits: 1.0                      Area: PA                      Grades: 10-12                      Prerequisite: Game and Simulation Design

This course is focused on students acquiring the appropriate programming skills for rendering a game or simulation product, including program control, conditional branching, memory management, scorekeeping, timed event strategies and methodologies, and implementation issues.

## Residential Property Management Pathway

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Finance career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Business & Administration career cluster.

### Industry Certification: Entrepreneurship & Small Business, Design for Delight, & Microsoft Office Suite

#### 8207310 [Digital Information Technology](#)

Credits: 1.0      Area: PA      Grades: 9-12      Prerequisite: None

This course is designed to provide an overview of business operations and introduce students to fundamental skills required for today's business and academic environments. The intention of this course is to prepare students to be successful personally and professionally in business and in an information-based society. The course includes the foundations necessary for starting a business, working at and managing a business, consulting to satisfy customer needs, in conjunction with gaining practical skills in applications including spreadsheets, word processing, presentation, and digital communications.

#### 8300610 [Residential Property Management 1](#)

Credits: 1.0      Area: EL      Grades: 10-12      Prerequisite: Digital Information Technology

The purpose of this course is for students to gain necessary skills and insight into property management, including marketing, the dynamics of contracts and leasing, as well as maintenance management and the legal aspects related to managing employees. The skills acquired can also be applied to other industries and businesses.

#### 8300620 [Residential Property Management 2](#)

Credits: 1.0      Area: EL      Grades: 11-12      Prerequisite: Residential Property Mgmt 1

The purpose of this course is for students to gain additional skills and insights into property management, including budgeting and financial oversight, the different types of ownership and the different types of management, professional associations and careers, as well as the practical aspects of recruiting, hiring, and managing employees. The skills acquired can also be applied to other industries and businesses.



## **Section 4: Academic Programs**

**2023-2024**



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 WICOR 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.

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

**17003900**

**AVID 1**

Credits: 1.0

Area: EL

Grades: 9

Prerequisite: AVID Application

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

**17004000**

**AVID 2**

Credits: 1.0

Area: EL

Grades: 10

Prerequisite: 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. This course is designed to enable students to develop fundamental skills aligned with current curriculum.

**17004100**

**AVID 3**

Credits: 1.0

Area: EL

Grades: 11

Prerequisite: 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.

**17004200**

**AVID 4**

Credits: 1.0

Area: EL

Grades: 12

Prerequisite: 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.

## Dual Enrollment Options

Students have an option to enroll in Dual Enrollment opportunities through *Osceola Technical College (oTECH), Valencia College, University of Central Florida, or University of Florida*, while still a student at PHS. Students in the DE Program take a mix of high school and college courses, or a full schedule of college courses. Students accepted in to the DE Program will earn high school and college credit simultaneously.

### oTECH Admission Requirements

<http://www.osceolaschools.net/oTECH>

Test Scores	PERT	SAT	ACT
Reading	106	440	19
Math	114	440	19
English	103		17

GPA 2.5 unweighted

Poinciana oTECH campus options- Pharmacy Technician, Medical Coder & Biller, Medical Assisting (day classes only), Certified Nursing Assistant/Home Health Aide/Phlebotomy



### University of Central Florida Admission Requirements

[www.ucf.edu/admissions/undergraduate/dual-enrollment-early-admission/](http://www.ucf.edu/admissions/undergraduate/dual-enrollment-early-admission/)

Test Scores	SAT	ACT
Critical Reading and Math	1330	28 composite

GPA – 3.8 recalculated weighted GPA (core classes only)



### University of Florida Admission Requirements

<https://dualenrollment.dce.ufl.edu/about/>

Test Scores	SAT	ACT	PSAT
Critical Reading and Math	1100	22	1130

GPA – 3.6 unweighted. Must be junior or senior status.



### Valencia College Admission Requirements

<https://valenciacollege.edu/admissions/dual-enrollment/>

Test scores	PERT	SAT	ACT
Reading	106	440	19
Math	114/123	440/500	19/21
English	103		17

GPA – 3.0 unweighted

You can register for up to 4 courses (13 credit hours) each Fall and Spring term; and 2 courses (7 credit hours) for the Summer term.





## International Baccalaureate (IB) Program

### What is the IB Diploma Programme?

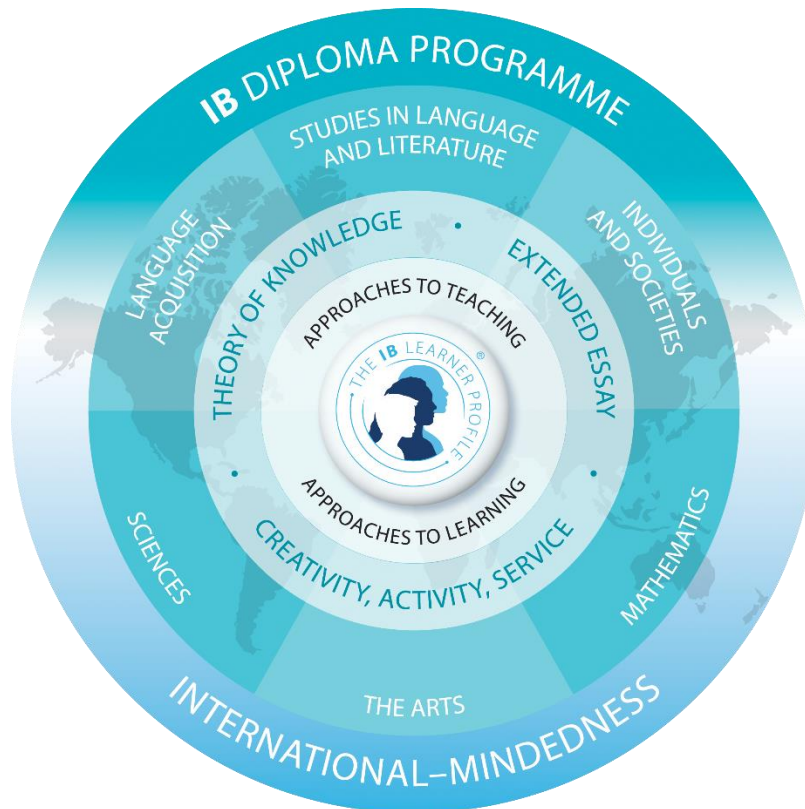
The Diploma Programme (DP) is a curriculum framework designed by the International Baccalaureate (IB) for students in the last two years of high school. IB Students graduating with the IB diploma are able to study at universities all around the world, often with advanced credit. Students report that their involvement with the IB has given them the tools needed to succeed at college. In particular, students comment on their sense of preparedness, self-confidence, research skills and their ability to manage their time. Even more important, they have developed a sense of the world around them and their responsibility to it.

### How do colleges and universities view the Diploma Programme?

The Diploma Programme is internationally recognized as representing one of the highest standards in university preparatory education. More than 1,000 colleges and universities in North America have recognition policies on how they weight it in admissions, advanced standing, college credit and scholarships.

### Is the IB Programme a good fit for you?

The IB Programme is a rigorous course of study for motivated students. That said, prior academic success is less an indicator of ability to earn the diploma than are a student's determination to do his or her best, willingness to be organized in order to complete the work while leading a full, balanced life, and a strong commitment to learning in and beyond the classroom



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