



# **LAKE BRANTLEY HIGH SCHOOL**



## **2024-2025 CURRICULUM GUIDE**

**991 SAND LAKE ROAD ALTAMONTE SPRINGS, FL 32714**

**407-746-3450**

**LAKEBRANTLEY.COM**

# CURRICULUM GUIDE 2024-2025

## Administration

### **Brian Blasewitz, Principal**

Brian\_Blasewitz@scps.k12.fl.us

### **Donald Fields, Assistant Principal**

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### **Dr. Mariette Herro, Assistant Principal**

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### **Jeralee McIntyre, Assistant Principal**

Jeralee\_McIntyre@scps.k12.fl.us

### **Dr. Jose Sanchez, Assistant Principal**

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### **Dr. Rachel Menta, Assistant Principal**

Rachel\_Miracolo@scps.k12.fl.us

### **Patricia Reyes, School Administration Manager**

Patricia\_Reyes@scps.k12.fl.us

### **Joseph Kreuter, School Administration Manager**

Kreutejl@scps.k12.fl.us

### **Stephanie Sully, Testing Coordinator/Dean**

Stephanie\_Sully@scps.k12.fl.us

## Certified School Counselors

(Students assigned by last name except for ESE students)

All Counselors Located in Building 5

### **Denise Winterstein**

**Amanda Goe**

**Michelle Taylor**

**Vinette Young**

**Michele Binkowsky-Hayden**

**Pamela Boodram**

## Student Services

Information about Bright Futures, Careers, Dual Enrollment, Transcripts, Financial Aid, and more!



## General Information

### SUMMER SCHOOL 2024

Please check Lake Brantley's website for more information.

### SKYWARD FAMILY ACCESS

SKYWARD family access allows parents/ guardians to view attendance, class assignments, and grades earned by their student. If you would like to register for SKYWARD family access, please visit Lake Brantley's Front Office to fill out a Family Access form. Once we have received your paperwork, we will be able to activate your account. Our front office is open 7:00am- 3:00pm.

### ECAMPUS OBSERVER

For information on how to become an observer or your students eCampus pages, please scan the QR code below.



# THE STANDARD DIPLOMA PATHWAY CLASS OF 2025

ENTERED GRADE 9 IN 21-22  
REVISED NOVEMBER 2023



# THE STANDARD DIPLOMA PATHWAY CLASS OF 2026

ENTERED GRADE 9 IN 22-23  
REVISED NOVEMBER 2023



## STUDENTS MUST EARN A TOTAL OF 26 CREDITS



### SCIENCE

**FOUR CREDITS & MUST INCLUDE:**  
BIOLOGY I  
3 MUST HAVE A LAB COMPONENT  
2 MUST BE EQUALLY RIGOROUS (EQ)

A passing industry certification with a statewide college credit articulation agreement approved by the State Board of Education or an approved Computer Science course may take the place of a science credit.

### SOCIAL STUDIES

**THREE CREDITS & MUST INCLUDE:**  
1 WORLD HISTORY  
1 US HISTORY  
1/2 US GOVERNMENT  
1/2 ECONOMICS



## STATE ASSESSMENT REQUIREMENTS

**PASSING SCORE ON:**  
GRADE 10 ELA FAST & ALGEBRA I EOC  
MAY SUBSTITUTE CONCORDANT SCORES  
**CONCORDANT/COMPARATIVE SCORES\***

### ALGEBRA 1

- SAT MATH- 420
- PSAT/NMSQT MATH- 430
- NO PERT ALLOWED
- ACT MATH- 16
- CLT QUANTITATIVE REASONING- 11
- FSA GEOMETRY EOC- LEVEL 3 OR HIGHER (SCALE SCORE 499)

### GRADE 10 FSA ELA\*\*

- SAT ERW- 480
- ACT AVERAGE OF 18 ON ENGLISH AND READING SUBTESTS (MAY BE SUPERScoreD)
- CLT VERBAL REASONING AND GRAMMAR/Writing SECTION SUM (MAY BE SUPERScoreD) - 36

### END OF COURSE (EOC) EXAMS \*\*\*

Students enrolled in the following courses must participate in the corresponding EOC assessment, which constitutes 30 percent of the final course grade: Algebra 1, Geometry, Biology 1 and U.S. History.

\*6A-1.09422 Statewide, Standardized Assessment Program Requirements - Although passing scores on alternative assessments are valid even if the student has not yet taken the respective statewide assessment, all students who are enrolled in Grade 10 and/or Algebra 1 or an equivalent course are still required, per s. 1008.22, Florida Statutes (F.S.), to participate in the respective statewide assessments.

\*\* 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.

\*\*\* Due to Executive Order 2021-EO-02, and 2020-EO-01, students in courses with EOCs in 19-20 and 20-21 will have their grades calculated using coursework only. The EOC assessment will not count as 30% of the grade.



### ENGLISH

**FOUR CREDITS** (ENGLISH 1-4) OR EQUIVALENT ACCELERATED COURSE(S)

### MATH

**FOUR CREDITS (9-12) MUST INCLUDE:**  
ALGEBRA I  
GEOMETRY

A passing industry certification with a statewide college credit articulation agreement approved by the State Board of Education or an approved Computer Science course may take the place of a math credit.



### ELECTIVES

**NINE CREDITS IN ADDITION TO:**

- 1 FINE OR PERFORMING ARTS, PRACTICAL ARTS, OR CTE COURSE TAKEN IN 23-24 OR LATER
- 1/2 PERSONAL FITNESS
- 1/2 PE ELECTIVE
- NO ONLINE COURSE REQUIRED



## OTHER DIPLOMA OPTIONS

### SCHOLAR DESIGNATION

### INDUSTRY SCHOLAR DESIGNATION

### CAREER & TECHNICAL EDUCATION (CTE) DIPLOMA PATHWAY

### SEAL OF BILITERACY (SILVER AND GOLD)

### ADVANCED PLACEMENT CAPSTONE DIPLOMA



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2 MUST BE EQUALLY RIGOROUS (EQ)

A passing industry certification with a statewide college credit articulation agreement approved by the State Board of Education or an approved Computer Science course may take the place of a science credit.

### SOCIAL STUDIES

**THREE CREDITS & MUST INCLUDE:**  
1 WORLD HISTORY  
1 US HISTORY  
1/2 US GOVERNMENT  
1/2 ECONOMICS



## STATE ASSESSMENT REQUIREMENTS

**PASSING SCORE ON:**  
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**CONCORDANT/COMPARATIVE SCORES\***

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# THE STANDARD DIPLOMA PATHWAY CLASS OF 2027

ENTERED GRADE 9 IN 23-24  
REVISED NOVEMBER 2023



# THE STANDARD DIPLOMA PATHWAY CLASS OF 2028

ENTERED GRADE 9 IN 24-25



## STUDENTS MUST EARN A TOTAL OF 26 CREDITS



### SCIENCE

**FOUR CREDITS & MUST INCLUDE:**  
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2 MUST BE EQUALLY RIGOROUS (EO)

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**THREE CREDITS & MUST INCLUDE:**  
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### ELECTIVES

**EIGHT AND ONE HALF (8.5) CREDITS IN ADDITION TO THE FOLLOWING:**

- 1 FINE OR PERFORMING ARTS, PRACTICAL ARTS, OR CTE COURSE TAKEN IN 23-24 OR LATER
- 1/2 PERSONAL FITNESS
- 1/2 PE ELECTIVE
- 1/2 PERSONAL FINANCIAL LITERACY



### OTHER DIPLOMA OPTIONS

**SCHOLAR DESIGNATION**

**INDUSTRY SCHOLAR DESIGNATION**

**CAREER & TECHNICAL EDUCATION (CTE) DIPLOMA PATHWAY**

**SEAL OF BILITERACY (SILVER AND GOLD)**

**ADVANCED PLACEMENT CAPSTONE DIPLOMA**



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### MATH

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## DIPLOMA OPTIONS CLASS OF 2025

**STUDENTS MUST EARN THE STANDARD DIPLOMA PLUS:**

### SCHOLAR DESIGNATION



- Earn 1 credit in Statistics or equally rigorous mathematics course
- Earn 1 credit in Algebra II or equally rigorous mathematics course
- Earn 1 credit in Chemistry or Physics
- Earn 1 credit in science course equally rigorous to Chemistry or Physics
- Earn 2 credits in the same foreign language course
- Earn 1 credit in Advanced Placement, International Baccalaureate, an Advanced International Certificate of Education, Dual Enrollment Course
- Passing EOC scores for the following courses, Geometry, Biology, and US History




## DIPLOMA OPTIONS CLASS OF 2026

**STUDENTS MUST EARN THE STANDARD DIPLOMA PLUS:**

### SCHOLARS DESIGNATION




- Earn 1 credit in Statistics or equally rigorous mathematics course
- Earn 1 credit in Algebra II or equally rigorous mathematics course
- Earn 1 credit in Chemistry or Physics
- Earn 1 credit in science course equally rigorous to Chemistry or Physics
- Earn 2 credits in the same foreign language course
- Earn 1 credit in Advanced Placement, International Baccalaureate, an Advanced International Certificate of Education, Dual Enrollment Course
- Passing EOC scores for the following courses, Geometry, Biology, and US History



### INDUSTRY SCHOLAR DESIGNATION

Attain one or more Industry Certifications from the list established under S. 1003.492 F. S

Industry Certification Courses which lead to college credit may be substituted for up to two math credits and/or one science credit excluding Algebra I, Geometry and Biology



### INDUSTRY SCHOLAR DESIGNATION

Attain one or more Industry Certifications from the list established under S. 1003.492 F. S

Industry Certification Courses which lead to college credit may be substituted for up to two math credits and/or one science credit excluding Algebra I, Geometry and Biology

### CAREER & TECHNICAL EDUCATION PATHWAY

**STUDENTS MUST EARN 18 CREDITS\* OF THE STANDARD DIPLOMA REQUIREMENTS PLUS:**

- Complete two credits in career and technical education. The courses must result in a program completion and an industry certification.
- Complete two credits in work-based learning programs. A student may substitute up to two credits of electives, including one-half credit in financial literacy, for work-based learning program courses to fulfill this requirement.

\*Personal Fitness, PE Elective, Performing Arts, & Online course are not required.

### CAREER & TECHNICAL EDUCATION PATHWAY

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- Complete two credits in career and technical education. The courses must result in a program completion and an industry certification.
- Complete two credits in work-based learning programs. A student may substitute up to two credits of electives, including one-half credit in financial literacy, for work-based learning program courses to fulfill this requirement.

\*Personal Fitness, PE Elective, Performing Arts, & Online course are not required.

### SEAL OF BILITERACY


SILVER	GOLD
<ul style="list-style-type: none"> <li>• Earn four world language course credits in the same world language &amp; earn a cumulative grade point average of 3.0 or higher on a 4.0 scale, OR</li> <li>• Earn a 3 or higher on an Advanced Placement Exam, or a 4 or higher on an International Baccalaureate Language Exam or other exams per Rule 6A-1.09951</li> </ul>	<ul style="list-style-type: none"> <li>• Earn four world language course credits in the same world language &amp; earn a cumulative grade point average of 3.0 or higher on a 4.0 scale, and a level 4 or higher on the Grade 10 FAST ELA, OR</li> <li>• Earn a 4 or higher on an Advanced Placement Exam, or a 5 or higher on an International Baccalaureate Language Exam or other exams per Rule 6A-1.09951, and a level 4 or higher on the Grade 10 FAST ELA</li> </ul>

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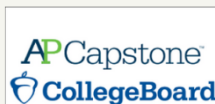
### ADVANCED PLACEMENT CAPSTONE

- Satisfactory completion of the AP Seminar course as determined by College Board
- Satisfactory completion of the AP Research course as determined by College Board
- Satisfactory completion of four AP courses with passing AP exam scores as determined by College Board



### ADVANCED PLACEMENT CAPSTONE

- Satisfactory completion of the AP Seminar course as determined by College Board
- Satisfactory completion of the AP Research course as determined by College Board
- Satisfactory completion of four AP courses with passing AP exam scores as determined by College Board





## DIPLOMA OPTIONS CLASS OF 2027

**STUDENTS MUST EARN THE STANDARD DIPLOMA PLUS:**

### SCHOLAR DESIGNATION



- Earn 1 credit in Statistics or equally rigorous mathematics course
- Earn 1 credit in Algebra II or equally rigorous mathematics course
- Earn 1 credit in Chemistry or Physics
- Earn 1 credit in science course equally rigorous to Chemistry or Physics
- Earn 2 credits in the same foreign language course
- Earn 1 credit in Advanced Placement, International Baccalaureate, an Advanced International Certificate of Education, Dual Enrollment Course
- Passing EOC scores for the following courses, Geometry, Biology, and US History



## DIPLOMA OPTIONS CLASS OF 2028

**STUDENTS MUST EARN THE STANDARD DIPLOMA PLUS:**

### SCHOLAR DESIGNATION



- Earn 1 credit in Statistics or equally rigorous mathematics course
- Earn 1 credit in Algebra II or equally rigorous mathematics course
- Earn 1 credit in Chemistry or Physics
- Earn 1 credit in science course equally rigorous to Chemistry or Physics
- Earn 2 credits in the same foreign language course
- Earn 1 credit in Advanced Placement, International Baccalaureate, an Advanced International Certificate of Education, Dual Enrollment Course
- Passing EOC scores for the following courses, Geometry, Biology, and US History



### INDUSTRY SCHOLAR DESIGNATION

Attain one or more Industry Certifications from the list established under S. 1003.492 F. S

Industry Certification Courses which lead to college credit may be substituted for up to two math credits and/or one science credit excluding Algebra 1, Geometry and Biology



### INDUSTRY SCHOLAR DESIGNATION

Attain one or more Industry Certifications from the list established under S. 1003.492 F. S

Industry Certification Courses which lead to college credit may be substituted for up to two math credits and/or one science credit excluding Algebra 1, Geometry and Biology

### CAREER & TECHNICAL EDUCATION PATHWAY

**STUDENTS MUST EARN 18 CREDITS\* OF THE STANDARD DIPLOMA REQUIREMENTS PLUS:**

- Complete two credits in career and technical education. The courses must result in a program completion and an industry certification.
- Complete two credits in work-based learning programs. A student may substitute up to two credits of electives, including one-half credit in financial literacy, for work-based learning program courses to fulfill this requirement.

\*Personal Fitness, PE Elective, Performing Arts, & Online course are not required.

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### SEAL OF BILITERACY

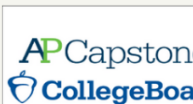
SILVER	GOLD
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## SCVS / DUAL ENROLLMENT

### Dual Enrollment

In order to participate in approved Academic Dual Enrollment courses a student must meet the following requirements.

- Be enrolled in at least 1 high school credit courses during each term at their high school, excluding summer.
- Have a minimum un-weighted cumulative 3.0 GPA
- Students must meet the same entrance requirements as students desiring to enroll in the same courses on the college campus and have the approval of the high school principal.

Dual Enrollment courses must be creditable to high school graduation. As per the Seminole County Public Schools Student Progression Plan, "Students enrolled in an approved dual enrollment course are exempt from the payment of registration, tuition, and laboratory fees for no more than nine credit hours per semester".

Students should see their Guidance Counselor for Dual Enrollment Course recommendations and approval. The Principal reserves the right to final approval of all Dual Enrollment Courses.

### SSC Career Dual Enrollment\*\*

Dual Enrollment is an articulated acceleration mechanism, where students enroll in post secondary instruction and receive both post secondary and secondary credit. The Early College Program allows students to pursue an advanced curriculum that is relevant to their individual postsecondary interest.

Students will earn credit toward high school completion and a career certificate, or an associate or baccalaureate degree at a Florida public institution.

Seminole State College programs allow eligible high school students who have completed their sophomore year and have a 2.5 GPA to earn college credits toward an Associate in Science degree while still attending high school. Students must have their last two class periods of the day free to attend career classes at Seminole State College.

- Vocational Path: Fulfills vocational credit toward construction apprenticeships. Vocational credit will be awarded for students in the ACT electrical program.
  - Vocational Early College provides secondary students the opportunity to earn postsecondary credit. The students receive credit toward their high school education and postsecondary credit toward their college degree. Tuition and books are free. Students must have completed sophomore year in high school and have a 2.5 GPA to participate.



## CREDIT RECOVERY/FEE DONATION

### Credit Recovery

SCPS grade/credit recovery programs have been designed to assist students who have fallen behind their cohort due to previous retention, course failure, and/or loss of credit. The purpose of the SCPS Grade/Credit Recovery program is to give motivated students the opportunity to graduate with their cohort. The principal or designee must approve enrollment in the programs listed below.

Competency Based Education (CBE)/Credit Recovery Programs have been developed and implemented as components of the dropout prevention efforts of Seminole County Public Schools. The intent of CBE is the mastery of course content objectives. Specific course credit is awarded when students demonstrate competency of the intended learning outcomes and the performance standards for the course.

A. Credit Recovery programs may include, but are not limited to:

1. Summer School: Students who are behind in credits or have a “D” or “F” in an academic course are permitted to enroll in summer school. Seminole County Virtual School options are also available for credit recovery.
2. Credit Recovery Lab: Students in their first, second, or third year of high school will access credit recovery through an after-school program. Students in their fourth year of high school may participate in a school-day credit recovery program.
3. G.O.A.L. Program: Students at designated schools who are severely behind their graduation cohort may participate in this program, which includes a small class setting with an SCPS employee who serves the students as a mentor, coach, and teacher. This program is only intended for fourth year students and requires Principal recommendation.

B. Additional Program Requirements:

- a. Students not making adequate progress in the Credit Recovery courses may be dismissed from the Credit Recovery program.
- b. Seniors who fail a second semester course that is a graduation requirement may not begin the Credit Recovery course until Summer School.
- c. In order to participate in the graduation ceremony, seniors must have earned a diploma or a Certificate of Completion. All coursework, including Credit Recovery and Virtual School, must be completed no later than one week prior to graduation.

### Fee Notification/Donation

In an effort to provide educational enhancements to students beyond the curriculum routinely offered, donations in certain courses historically have been sought in Seminole County Public Schools on a voluntary contribution basis. Every encouragement is given to students and parents to assist high school students in continuing the practice of course embellishment that these donations make possible. While such assistance is a practical requirement to maintain current practices, no student shall be denied the opportunity either to take any course or to participate fully in all aspects of a course in which donations are sought.

- Band, Color Guard, Chorus, ROTC, and Dance - Because of the numerous competitions and performance events associated, these programs are classified as extracurricular activities in which fees may be required for items such as uniforms, dry cleaning, workshops, and clinics, etc. Additionally, student enrollment in specific courses may be required for participation in these activities.

## ACADEMICS: CAREER AND TECHNICAL EDUCATION

### Academy of Finance

The Academy of Finance is a member program of the National Academy Foundation. In this program, students will learn how to successfully manage their personal finances and acquire the skills necessary for success in their personal and professional pursuits. The program of study is a series of three courses and an internship. As members of the Academy of Finance, additional activities include the opportunity to join Business Professionals of America, participation in field trips, operation of an established business, a stock market challenge competition, a comprehensive program in automobile insurance and the opportunity to earn industry certification in QuickBooks and MOS (Microsoft Office).

Seminole County has designated the Academy of Finance as a “Program of Emphasis”. Enrollment in this program is open to incoming ninth grade students. For those out of the Lake Brantley school zone, transportation must be provided by the student. Students must enroll in Business Communication and Technology as their freshman class in the Academy. Students from out of zone must remain in the program to remain at Lake Brantley. The Academy of Finance is a CAPE Academy (Career And Professional Education) as defined by the Florida Career and Professional Education Act. The Academy of Finance, as a CAPE Academy, is a well-defined structure within the high school, reflecting its status as a small learning community by incorporating cross-grade articulation, voluntary student participation, cohort scheduling and maintaining a supportive atmosphere among the teachers, students, faculty and administration.

Students enrolled in the Academy of Finance are eligible to apply for teller position in the Brantley Branch of Addition Financial located on campus. Tellers receive a credit for Financial Internship. Interested students apply and are interviewed by the Addition Financial Human Resources Department. Once selected, students are required to attend a one week summer training class at the Lake Mary offices of Addition Financial.



## ACADEMICS: CAREER AND TECHNICAL EDUCATION

### **Academy of Finance: Program#: 8815100**

#### Description:

The academy was created in 1994 as a result of Lake Brantley High School's commitment to expanding relevant educational opportunities. The program offers a unique experience for students to focus on the financial industry.

The Academy has one class each year; Business Communication and Technology, Financial Accounting, Financial Economics, and Personal Financial Planning.

In addition to coursework, students will participate in an internship in the financial services industry. Businesses such as banks, credit unions, investment firms, CPA firms, law and medical offices are but a few of the business partners that have employed our students.

#### National Academy Foundation

The Lake Brantley Academy of Finance is a member of the National Academy Foundation (NAF), a non-profit educational organization. It was created in 1989 to reach out to students in response to growing interest from the private sector to educate today's high school students about career opportunities in the financial industry.

#### 1 Credit Each Courses:

8815150 Business Communication and Technology- Grade 9

8203310 Accounting Applications 1 (Honors)-Grade 10

8815110 Economics and Financial Services (Honors) - Grade 11

8815120 Personal Finance (Honors) - Grade 12

8300430 Financial Internship- Grade 10-12

### **Business Communication and Technology 8815150**

9

This is the first course students take in the Academy of Finance and introduces students to the financial world. Students develop financial literacy as they learn about the function of finance in society. They study income and wealth; examine financial institutions; learn how businesses raise capital; and study key investment-related terms and concepts. They also research how innovations have changed the financial services field. Finally, students explore careers that exist in finance today.



## ACADEMICS: CAREER AND TECHNICAL EDUCATION

### Academy of Creative Design and Entertainment

Students have the opportunity to develop their artistic and digital skill-set while preparing for a future career. For the 2024-2025 school year, students can choose from four available pathways 3D Animation, Digital Audio Production, Digital Photography, and Interior Design! These programs include industry certifications.

#### 3-D ANIMATION TECHNOLOGY

##### Description:

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 3-D Animation design and production. Specialized skills such as video editing, audio production, and the utilization of animation and authoring software are used to produce a variety of multimedia productions.

Courses: Courses must be taken in sequence

8718110 3-D Animation Technology 1

8718120 3-D Animation Technology 2

8718130 3-D Animation Technology 3

8718140 3-D Animation Technology 4

#### DIGITAL PHOTOGRAPHY TECHNOLOGY

##### Description:

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 cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to academic knowledge, higher-order reasoning and problem-solving 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 the use of digital camera techniques, commercial and industrial applications with emphasis on composition and color dynamics, printing, work flow, software and use, care, and maintenance of photographic equipment.

Courses: Courses must be taken in sequence.

8201310 Digital Photography 1

8201320 Digital Photography 2

8201330 Digital Photography 3

8201340 Digital Photography 4

#### DIGITAL AUDIO PRODUCTION

##### Description:

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.

Courses: Courses must be taken in sequence.

8772310 Digital Audio Production 1

8772320 Digital Audio Production 2

8772330 Digital Audio Production 3

8772340 Digital Audio Production 4

#### INTERIOR DESIGN

##### Description:

Students will gain an understanding of the elements and principles of design. Students will learn to make appropriate selections of colors, fabrics, furnishings, lighting and furniture. Students will develop skills in architectural drafting and space planning through the use of hand or computerized drafting techniques. Students will apply math calculations to scale rooms and create scaled floor plans for a variety of spaces. Class projects include decorating sample rooms and designing floor plans. Students will also explore potential careers in the architecture and design fields. Students that complete three and four years in the program also have the opportunity to earn college credit for two courses at Seminole State College.

Courses: Courses must be taken in sequence.

8506405 Design Services Core (Fine Art)

8506540 Principles of Interior Design Services (Fine Art)

8506550 Interior Design Techniques (Fine Art)

8506560 Interior Design Specialist (Honors) (Fine Art)

## ACADEMICS: CAREER AND TECHNICAL EDUCATION

### Non-Academy Career and Technical Education Electives

#### **DIGITAL INFORMATION TECHNOLOGY 8207310**

(Prerequisite for Digital Design)

This course is designed to provide a basic overview of current business and information systems and trends, and to introduce students to fundamental skills required for today's business and academic environments. Emphasis will also be placed on principles of finance and fundamental computer skills. The intention of this course is to prepare students to be successful both personally and professionally in an information based society. Digital Information Technology includes the exploration and use of: hardware, databases, the Internet, spreadsheets, presentation applications, management of personal information and email, word processing and document manipulation.

#### **DIGITAL DESIGN 8209510**

Description:

Students will learn to electronically create and publish business cards, newsletters, posters, fliers, calendars, and other print products using the Adobe CC Suite. They will learn to manipulate images and to create vector art as it applies to print products. The course develops industry-standard skills required for careers in digital publishing. Students will use Adobe digital publishing software that includes Adobe InDesign, Photoshop, and Illustrator. The students have the opportunity to design and create products for Lake Brantley High School through Patriot Publishing assignments that include the planner design, graduation program, and other school related products. Students will learn how to work with clients and commercial printing companies. The purpose of the course is to prepare students for employment in the digital design industry which includes careers such as graphic designer, digital artist, and multimedia designer. The course is project based and students will leave the digital design program with a digital design portfolio and career ready skills.

1 Credit Each

Courses: Courses must be taken in sequence.

8207310 Digital Information Technology (Fine Art) (Pre-Req)

8209510 Digital Design I (Fine Art)

8209520 Digital Design 2 (Honors) (Fine Art)

8209530 Digital Design 3 (Honors) (Fine Art)

8209540 Digital Design 4 (Honors) (Fine Art)

#### **DIGITAL DESIGN (NEWSPAPER)**

**8209520**

**8209530**

**8209540**

1 Credit

10-12

Prerequisite: Digital Design

Students will be apprentices to the school newspaper, The Brantley Banner, and will work on interviewing, reporting, news and sports writing, photography, page design, and aspects of business. Students will apply and refine skills using word processing and desktop publishing software. Students continuing in this course are expected to take on positions of leadership within the program. After school obligations and ad sales are required. This course satisfies the Fine or Performing Arts graduation requirement. Please indicate on application what your desired course to drop to add class. Industry Certifications Offered:

Adobe InDesign CC

Adobe Photoshop CC

#### **DIGITAL DESIGN (YEARBOOK)**

**8209520**

**8209530**

**8209540**

1 Credit

10-12

Prerequisite: Digital Design

The main objective of this class will be to produce a journalisticly sound, top-quality yearbook. This involves selling ads, taking photographs, writing copy, working with computers, editing and revising, and selling and distributing books. After school obligations and ad sales are required. This course satisfies the Fine or Performing Arts graduation requirement. Please indicate on application what your desired course to drop to add class.

Industry Certifications Offered:

Adobe InDesign CC Adobe Photoshop CC

#### **FUNDAMENTALS OF JOURNALISM**

**8203000**

1 Credit

9-12

This course is an introduction to publications. Students will become familiar with journalistic style media, desktop publishing, photojournalism, design, layout, and writing for publications. This course satisfies the Fine or Performing Arts graduation requirement.

## ACADEMICS: CAREER AND TECHNICAL EDUCATION

### Non-Academy Career and Technical Education Electives

#### ACCOUNTING APPLICATIONS

##### Description:

This program provides the study of the basic accounting cycle. Emphasis will be places on recording entries in a journal, posting to general ledger, preparing and receipts. Students will learn to use one of the most popular accounting software programs on the market - QuickBooks. Topics will include: menu commands, preparing a balance sheet and income statement, creating and customizing reports and setting up customer and vendor lists. All students will have the opportunity to obtain certification in QuickBooks .

Courses: Courses must be taken in sequence.

1 credit each

881515 Business Communication and Technology

8203310 Accounting Application 1 (honors)

8203320 Accounting Application 2 (honors)

8203330 accounting Application (honors)

#### COOPERATIVE DIVERSIFIED EDUCATION GRADES 11-12

Prerequisite: Successful completion of a Gold Seal course which relates to job skills in current employment. Must he employed in a job using skills learned in course completed.

Description: one purpose of this program is to provide students with competencies developed through supervised on-the-job training related to instruction in occupational proficiency programs. Supervised on-the-job training provides opportunities for selective placement based on the student's occupational objectives, the development and evaluation of occupational competencies. Related classroom instruction must have been provided in an occupational preparatory program.

#### WASTEWATER PROGRAM INTRODUCTION TO ENVIRONMENTAL WATER TECHNOLOGY 8007110

1 Credit

12

##### Description:

This course is designed to develop competencies in the area of hydrology, safety skills and procedures, geological principles of water resources, management of wetlands, storm water systems, environmental water resources, equipment and facility maintenance, scientific and research concepts; princes of leadership; and employability, and human relation skills. Laboratory-Based activities are an integral part of this course. These include the safe use and application of appropriate technology, scientific testing, and observation equipment.

#### COSMETOLOGY

##### Description:

The Cosmetology program includes instruction in care for hair, skin and nails.

Students in this program will give them the foundation to pursue careers in hair styling, manicures, pedicures, make-up and other related fields. Students will he exposed to experts and practitioners in the cosmetology field and will develop an understanding of what their next steps must he to pursue a professional career in Cosmetology.

Courses: Courses must be taken in sequence.

.5 credit per course. Must be taken concurrently.

8757210/8905120 Cosmetology I and 2

(.5 credit each) (Fine Art)

8905140/ 8905150 Cosmetology 4 and Cosmetology 5

(.5 credit each) (Fine Art)

#### EARLY CHILDHOOD EDUCATION

##### Description:

Early Childhood education is a multi-level program in which students will learn about a child's growth and development in addition to learning about career opportunities in childcare. These students will participate in developmentally appropriate activities, textbook instruction, hands-on learning, internships and job shadowing. In addition, as part of this ECE level 1 program, students receive training from the Department of Children and Families. Successful completion of the whole program will give students the opportunity to he "certified" to work in a child care facility; receive up to 6 college credits in Early Childhood Education; ServSafe certification for proper food handling; and finally be eligible to compile the information needed to earn their Child Development Accreditation.

Courses: Courses must he taken in sequence. Level 2 and 3 must he taken concurrently. Level 4 and 5 (Directed Study) must be taken concurrently.

8405110 Early Childhood Education 1

8405120 Early Childhood Education 2

8405130 Early Childhood Education 3 (Honors) (Fine Art)

8405140 Early Childhood Education 4 (Honors)

8500100 Education and Training Directed Study (Honors)  
Industry Certifications Offered:

ServSafe, Child Development Associate (CDA), DCF 45 Hour Certificate Early Childhood Professional Certificate



**ACADEMICS: CAREER AND TECHNICAL EDUCATION**  
**Non-Academy Career and Technical Education Electives**

**TV PRODUCTION**  
**8201500**

**Description:**

Television Production Technology is an industry certification program. Students will develop skills and techniques required to correctly shoot and edit video. As students progress through the course levels of the program, they will continue to build upon, refine, and learn additional skills that will expand and improve the quality of their video projects. They will also learn about what is required to work in the television, video production, advertising and film industries. Students will learn through using the Adobe CC Suite. They will have the opportunity to earn industry certifications in Adobe Premiere Pro, Photoshop, and After Effects (in levels 2 and 3). Students will take on more responsibilities associated with producing, writing, shooting and recording the daily morning announcements. They may also be called upon by administration and school organizations to provide video support for covering and promoting campus events and services.

**Courses:** Courses must be taken in sequence.

8201510 TV Production Technology 1 (Fine Art)

\*Students cannot take TPT 1 and 2 concurrently.

8201520 TV Production Technology 2 (Fine Art)

8201530 TV Production Technology 3 (Honors) (Fine Art)

\*Students cannot take TPT 2 and 3 concurrently.

8201540 TV Production Technology 4 (Honors)

**Industry Certifications Offered:**

Adobe Premiere Pro CC

Adobe Photoshop CC

Adobe After Effects CC



## ACADEMICS: AFJROTC

### Aerospace Science - AFJROTC

Air Force Junior Reserve Officer Training Corps (AFJROTC) is a citizenship program for high school students in the Ninth through Twelfth Grades. There is NO MILITARY OBLIGATION to serve in the Armed Forces by taking these courses. However, to maintain membership in accordance with Air Force directives, student/cadets must be physically fit and maintain acceptable standards of Academic Achievement, Personal Conduct and Appearance as prescribed by the Air Force. Those who do not comply will be dis-enrolled from the program and receive a Failing Grade for the Course. AFJROTC is accredited by the Advanced Accreditation Commission and the Southern Association of Colleges and Schools Councils on Accreditation and School Improvement (SACS CASI). Most AFJROTC courses are closely aligned with the Mid-Continent Research for Education and Learning (McREL) National Curriculum Standards. The Cultural Studies Course is aligned with the National Council for the Social Studies (NCSS) national standards. Technology enrichment activities are correlated to the National Education Technology Standards for Students (NETSS) The Exploring Space and Science of Flight courses are correlated to the National Science Education Standards (NSES). Each academic course consists of Aerospace Science, Leadership Education, Drill, and Wellness. Aerospace Science study includes the history of aviation, cultural studies of major world regions, science of flight, space exploration to include astronomy, and management.

#### **AEROSPACE SCIENCE 1: A JOURNEY INTO AVIATION HISTORY 1800300**

1 Credit

9-12

Prerequisite: None

Offered: Every School Year

This course is an aviation history course focusing on the development of flight throughout the centuries. It starts with ancient civilizations, then progresses through time to modern day. The emphasis is on military and civilian contributions to aviation; the development, modernization, and transformation of the Air Force; and a brief astronomical and space exploration history. It is interspersed with concise overviews of the principles of flight to include basic aeronautics, aircraft motion and control, flight power, and rockets. Wearing the uniform, Air Force customs and courtesies, and basic drill skills are introduced. Students must be physically able to perform, as physical fitness and leadership sports are basic to this course.

Leadership Education includes Air Force organizational structure, uniform wear, military customs and courtesies, flag etiquette, citizenship in the United States, first aid, health and wellness, fitness, individual self-control, basis drill and ceremonies, effective communications, listening and thinking critically, preparing for leadership, building personal awareness, building and encouraging effective teams, key behaviors for becoming a credible and competent leader, the importance of charting a career path, specific career options, the importance of management, making decisions, problem solving, human relations and life skills. The Wellness Program includes a variety of exercises mirroring the Presidential Physical Fitness Program. Completion of any AFJROTC Course meets requirements for a PE or Performing Arts Waiver. To enhance classroom learning, students participate in extracurricular and social activities such as Field Trips, Drill/Rifle teams, Color/ Honor Guards, Model Rocketry, Community Service Projects, Special Aerospace Projects, and a Formal Military Ball. Cadets who complete a three-year aerospace science program in AFJROTC are eligible to enter the Air Force two pay grades higher than other enlistees. College-bound students can receive an Air Force Academy nomination or Air Force ROTC scholarship (if qualified) directly through their high school AFJROTC unit. AFJROTC uniforms are loaned to students free of charge. Uniforms must be worn one day per week, usually on Wednesday. Hair styles and haircuts for all cadets must conform to Air Force standards.

#### **AEROSPACE SCIENCE 2: THE SCIENCE OF FLIGHT; A GATEWAY TO NEW HORIZONS 1800310**

1 Credit

9 - 12

Prerequisite: Aerospace Science 1

Offered: Rotates Every Third Year

This course is an introductory course and customized textbook that focuses on how airplanes fly, how weather conditions affect flight, flight and the human body, and flight navigation. The course is designed to complement materials taught in math, physics, and other science-related courses and is aligned with the National Science Education Standards, the Math Standards and Expectations, and !STE National Educational Technology Standards for Students. Every lesson includes a "Quick Write" and a short story related to the lesson; a "Learn About" that tells students what they'll learn from the lesson; a list of vocabulary words in the lesson; "Wing Tips" that highlight specific and interesting facts; and many biographies and profiles. Communication skills are introduced to prepare the cadet for leadership. Cadet corps activities include positions of greater responsibility in the planning and execution of corps projects. Students must be physically able to perform, as physical fitness and leadership sports are basic to this course.



## ACADEMICS: AFJROTC

### Aerospace Science - AFJROTC

#### **AEROSPACE SCIENCE 3: EXPLORING SPACE; THE HIGH FRONTIER 1800320**

1 Credit

10-12

Prerequisite: Aerospace Science 1

Offered: Rotates Every Third Year

This is a science course which includes the latest information available in space science and space exploration. The course begins with the study of the space environment from the earliest days of interest in astronomy and early ideas of the heavens, through the Renaissance, and on into modern astronomy. It provides an in depth study of the Earth, Sun, Stars, Moon, and the Solar System. It discusses issues critical to travel in the upper atmosphere such as orbits and trajectories, satellites, and space probes. It investigates the importance of entering space, and it discusses manned and unmanned spaceflight. It focuses on concepts surrounding spaceflight, space vehicles, launch systems, and space missions. The cadets put learned skills into practice by holding key leadership positions in the corps. Students must be physically able to perform, as physical fitness and leadership sports are basic to this course.

#### **AEROSPACE SCIENCE 4: CULTURAL STUDIES; AN INTRODUCTION TO GLOBAL AWARENESS & LEADERSHIP/ MANAGEMENT 1800330**

1 Credit

10-12

Prerequisite: Aerospace Science 1

Offered: Rotates Every Third Year

This is a customized course about the world's cultures. The course is specifically created for the US Army, Marine Corps, Navy, and Air Force Junior ROTC programs. It introduces students to the world's cultures through the study of world affairs, regional studies, and cultural awareness. The course delves into history, geography, religions, languages, culture, political systems, economics, social issues, environmental concerns, and human rights. It looks at major events and significant figures that have shaped each region. Throughout the course, there are readings, video segments, hands-on activities, other optional activities, technology enrichment, and assessments to guide in the reinforcement of the materials. Leadership provides exposure to the fundamentals of management. This hands-on experience affords the cadets the opportunity to put the theories of leadership into practice. All the planning, organizing, coordinating, directing, controlling, and decision-making will be done by the cadets. Communication, decision-making, personal interaction, managerial, and organizational skills are put into practice.



## ACADEMICS: AFJROTC

### Embry-Riddle Aeronautical University (ERAU) College Dual Enrollment

Imagine an opportunity where you can build a foundation of excellence in aviation and engineering before you reach college. Now imagine a program where you earn FREE college credit! ERAU is proud to offer four courses on the Lake Brantley High School campus. The university's Gaetz Aerospace Institute (GAI) has a premier cooperative partnership linking ERAU with Seminole County Public Schools (SCPS) for students in 10th-12th grade. Through this partnership, Lake Brantley High School and SCPS offer students the opportunity to enroll in Embry-Riddle courses for university credit. Lake Brantley High School students earn FREE college credit by attending college-level classes on campus during their normal school day. That is a huge savings of approximately \$14,300 per student in tuition! ERAU dual enrollment courses follow the LBHS daily school schedule.

The courses primarily center around unmanned aircraft systems (UAS), also known as "drones and general aviation. Students can earn three industry certifications involving drone safety and drone imaging. The certifications, which normally cost several thousand dollars to non-students, are offered free of charge as part of dual enrollment. The premise of the Gaetz Aerospace Institute is simple; the dual enrollment model introduces high school students to rigorous STEM-related courses that prepare students for college while providing them a clear pathway to college graduation and high-paying jobs in thrilling and dynamic industries. GAI uses aviation, aerospace, and engineering to capture students' imaginations and motivate them toward their studies. Students are officially registered in Embry-Riddle courses that will reflect on their college transcripts.

### ERAU Course Schedule

AS 120	PRINCIPALS OF AERONAUTICAL SCIENCE	3 HRS	Fall 2024
AS 220*	UNMANNED AIRCRAFT OPERATIONS	3 HRS	Spring 2025
AS 235*	UNMANNED AIRCRAFT SYSTEMS DATA ENTRY	3 HRS	Fall 2024
SP 110	UAS INTRODUCTION TO SPACE FLIGHT	3 HRS	Spring 2025

\*Industry Certifications are available\*

#### PRINCIPLES OF AERONAUTICAL SCIENCE ERAU/AS120

1 Credit ASCIO0

An introductory course in Aeronautical Science designed to provide the student with a broad-based aviation orientation in flight-related areas appropriate to all non Aeronautical Science degree programs. Subjects include historical developments in aviation and the airline industry; theory of flight; airport operations; aircraft systems and performance; elements of air navigation; basic meteorology theory; air traffic principles; flight physiology; and aviation regulations and safety.

#### UNMANNED AIRCRAFT SYSTEMS DATA ENTRY/AS235

1 Credit ASC

Prerequisite: Aerospace Science 1  
Offered: Rotates Every Third Year

Prerequisite AS 220 and AS 120 or AS 121

This course provides an understanding of the core technologies of unmanned aircraft systems. It will include examinations of the design concepts, power plants, control systems, and communication technologies utilized in current unmanned aircraft systems and/or likely to be used in the next few years.

Particular attention will be given to the technical capabilities, best applications, and operational best practices of cross-country flight planning for today's UASs.

#### UNMANNED AIRCRAFT OPERATIONS ERAU/AS220

1 Credit ASCI560

Prerequisite: AS 120 or AS 121

This course is a survey of unmanned aircraft systems (UAS), emphasizing the military and commercial history, growth, and application of UAS's. The course will include basic acquisition, use, and operation of UASs with an emphasis on operations.

#### INTRODUCTION TO SPACE FLIGHT SP110

1 Credit

Prerequisite: None

This course is a basic study of the concepts, development, and application of space flight technology, emphasizing the U. S. role in current and future space operations. Topics include the history of space flight, Space Shuttle operations and crew training, commercial space applications, spacecraft systems, and the outlook for the future. The course is designed to provide the entry-level student a fundamental understanding of the purposes, methods, and applications of space flight operations, including satellites and manned operations in Earth orbit. Upon completion of this course, the student should be able to evaluate the various aspects of space flight as they apply to other specific educational disciplines.

## ACADEMICS: ENGLISH

### **PRE-AP ENGLISH 1 1001415**

1 Credit

9

Pre-AP English 1 focuses on reading, writing, and language skills that are essential for students' future coursework. Texts take center stage, preparing students for close, critical reading and analytical writing. The course trains readers to observe small details in a text to arrive at a deeper understanding of the whole. It also trains writers to create complex sentences.

### **PRE-AP ENGLISH 2 1001416**

1 Credit

10

Pre-AP English 2 builds on the foundations of Pre-AP English I, requiring students to apply the fundamentals of close observation, critical analysis, and the appreciation of author's craft to a new array of nonfiction and literary texts. As readers, students become aware of how poets, playwrights, novelists, and writers of nonfiction manipulate language to serve their purposes. As writers, students compose more nuanced analytical essays while never losing sight of craft and cohesion.

### **ENGLISH 3 HONORS 1001380**

1 Credit

11

This course extends the development of grammar, composition, and vocabulary skills with emphasis on critical analysis of literature, culminating with a literature based documented essay. There is a focus on building critical reading skills as well as analytical writing in preparation for the SAT.

### **ENGLISH 4 HONORS 1001410 Honors**

I Credit

12

In this course, students will continue the study of literature and argument through analysis and comparison of texts from a variety of periods written in a variety of modes. Students will also refine their composition skills through personal, analytical, and argumentative writing. Students retrieve and interpret information from various sources to create written and oral products. This source satisfies the requirement for English IV. An emphasis is placed on communication skills within the context of career, workplace, and community.

### **AP ENGLISH LANGUAGE AND COMPOSITION 1001420**

I Credit

11-12

This course is designed for the highly motivated college-bound student who wishes to pursue college level work while still in high school. The purpose of this course is to provide students with an understanding of the semantic, structural, and rhetorical resources of the English language. The course is designed to develop flexible writers who are able to write in various modes for a variety of purposes. This course meets graduation requirements for English III or IV.

Based on the results of the Advanced Placement exam, college credit may be awarded by participating colleges and universities for all courses listed as AP.

### **AP ENGLISH LITERATURE AND COMPOSITION 1001430**

1 Credit

12

This course is designed for the highly motivated college-bound student who wishes to pursue college level work while still in high school. Students study and discuss great works of literature from various genres and periods. Frequent reading and writing assignments focus on the critical analysis of literature and are designed to develop the students' understanding of style, subject, and audience. This course meets graduation requirements for English IV.

Based on the results of the Advanced Placement exam, college credit may be awarded by participating colleges and universities for all courses listed as AP.



## ACADEMICS: ENGLISH

### AP CAPSTONE

AP Capstone, a program developed by College Board at the request of college and university admissions offices and faculty, provides the opportunity for students to develop critical thinking, research and communication skills. Students pursuing a Capstone diploma will complete two courses: AP Seminar and AP Research, along with any four other AP courses.

Incoming freshmen are encouraged to take Pre-AP English 1 and AP Human Geography. Rising sophomores are encouraged to take Pre-AP English 2 and AP Psychology.

### GRADE 11

#### 1700500 AP SEMINAR 10014200C AP LANGUAGE AND COMPOSITION

This foundational course provides students with opportunities to think critically and creatively, research, explore, pose solutions, develop arguments, collaborate, and communicate using various media. Students will learn the research process through exploring real-world issues through a cross-curricular lens and considering multiple points of view to develop deep understanding of complex issues. Students are assessed through two course performance tasks and a written exam.

### GRADE 12

#### 1700510 AP RESEARCH 10014300C AP LITERATURE AND COMPOSITION

This is the second course in the AP Capstone experience students design, plan, and conduct a year long research -based investigation on a topic of individual interest. Through this inquiry and investigation, students demonstrate the ability to apply scholarly understanding to real-world problems and issues. Students are assessed through a culminating paper and a presentation of their findings.

## ENGLISH THROUGH ESOL

### ENGLISH 1 THROUGH ESOL 1002300

I Credit

9

The purpose of this course is to enable students who are native speakers of languages other than English to develop proficient listening, speaking, reading, and writing skills in the English language. Emphasis will be on acquisition of integrated English communication skills in a wide range of content and activities using texts of high complexity to ensure college and career preparation and readiness. This course defines what students should understand and be able to do by the end of 9th grade.

## ACADEMICS: ENGLISH THROUGH ESOL

### ENGLISH II THROUGH ESOL 1002310

I Credit

10

The purpose of this course is to enable students who are native speakers of languages other than English to develop proficient listening, speaking, reading, and writing skills in the English language. Emphasis will be on acquisition of integrated English communication skills in a wide range of content and activities using texts of high complexity to ensure college and career preparation and readiness. This course defines what students should understand and be able to do by the end of 10th grade.

### ENGLISH III THROUGH ESOL 1002320

I Credit

II

The purpose of this course is to enable students who are native speakers of languages other than English to develop proficient listening, speaking, reading, and writing skills in the English language. Emphasis will be on acquisition of integrated English communication skills in a wide range of content and activities using texts of high complexity to ensure college and career preparation and readiness. This course defines what students should understand and be able to do by the end of 11th grade.

### ENGLISH IV THROUGH ESOL 1002520

1 Credit

12

The purpose of this course is to enable students who are native speakers of languages other than English to develop proficient listening, speaking, reading, and writing skills in the English language. Emphasis will be on acquisition of integrated English communication skills in a wide range of content and activities using texts of high complexity to ensure college and career preparation and readiness. This course defines what students should understand and be able to do by the end of 12th grade.

## DEVELOPMENTAL LANGUAGE ARTS

Through English for Speakers of Other Languages

1002381R01 (9th Grade)

1002381R02 (10th Grade)

1002381R03 (11th Grade)

1002381R04 (12th Grade)

I Credit

9-12

Prerequisite: Students must be staffed into the ESOL program.

The purpose of this course is to provide students who are native speakers of languages other than English instruction enabling students to accelerate the development of reading and writing skills to strengthen these skills so they are able to successfully read, write, and comprehend grade level text independently. This course satisfies the FL.DOE reading course requirement.

## ACADEMICS: MATH

### ALGEBRA 1 1200310

1 Credit

9-12

This course is designed to provide the foundation for future secondary mathematics courses and develop skills needed to solve mathematical problems. Topics shall include, but are not limited to: functions, linear equations and inequalities, systems of linear equation and inequalities, polynomials, simplifying radical and rational expressions, solving and graphing quadratic equations, exponential functions, linear regression analysis including residuals and introductory probability. Additionally, students will work on test taking skills and problem solving techniques to prepare for the End of Course Exam (EOC). Algebra I or its equivalent course is required for high school graduation.

### ALGEBRA 1 HONORS 1200320

1 Credit

9-12

Algebra I Honors includes a rigorous, in-depth study of all of the topics included in Algebra I as well as Binomial theorem, solving radical and rational equations, systems of nonlinear functions, inverse functions, deeper exploration of arithmetic and geometric sequences and series. A scientific calculator is suggested for Algebra I Honors. It is strongly recommended that students taking this course have successfully completed their previous math course. Additionally, students will work on test taking skills and problem solving techniques to prepare for the End of Course Exam (EOC). Algebra I or its equivalent course is required for high school graduation.

### ALGEBRA 2 1200330

1 Credit

9-12

This course is designed to continue the study of the structure of Algebra by providing the foundations for applying these skills to other math and science fields. Topics include, but are not limited to: complex numbers, polynomial functions and their inverses, systems of linear and nonlinear equations and inequalities, polynomials, rational and radical functions, reciprocal functions, exponential and logarithmic functions, and graphing and transformations of all the previously named functions along with trigonometry, sequences and series, conditional probability, normal distributions, introductory inference and margin of error, categorical and quantitative variable statistical analysis. A graphing calculator is required.

### ALGEBRA 2 HONORS 1200340 Honors

1 Credit

9-12

This course includes a rigorous, in-depth study of all the Algebra II topics except rational expressions and equations, absolute value equations and inequalities, recursive formulas for arithmetic and geometric sequences, and normal distributions all of which were previously studied and students are expected to have a solid understanding in from Algebra I Honors. Additional topics studied in this course include, but are not limited to: piecewise functions, binomial expansion theorem, discontinuities, asymptotic behavior in rational graphs, non-linear systems of equations, conic sections and partial sums of arithmetic and geometric series. A graphing calculator is required.

### GEOMETRY 1206310

1 Credit

9-12

This foundational course provides students with opportunities to think critically and creatively, research, pose solutions, and develop and defend arguments. Topics covered include geometric constructions, classification and congruence of triangles and quadrilaterals, an introduction to trigonometry in right triangles, and two- and three-dimensional geometry. Students will be assessed through an End of Course (EOC) exam.

### GEOMETRY HONORS 1206320 Honors

1 Credit

9-12

This course includes a rigorous, in-depth study of all of the Geometry topics as well as, but not limited to: in depth constructions, Cavalieri's principle, proving and applying laws of sines and cosines in non-right triangles, and conic sections. A graphing calculator is required. It is strongly recommended that students taking this course have successfully completed their previous math course. Additionally, students will work on test taking skills and problem solving techniques to prepare for the End of Course Exam (EOC).

### MATHEMATICS FOR COLLEGE LIBERAL ARTS 1207350

1 Credit

10-12

In Mathematics for College Liberal Arts, instructional time will emphasize five areas:

(1) analyzing and applying linear and exponential functions within a real-world context; (2) utilizing geometric concepts to solve real-world problems; (3) extending understanding of probability theory; (4) representing and interpreting univariate and bivariate data and (5) developing understanding of logic and set theory of data analysis to create and evaluate reports and to make predictions.

### MATHEMATICS FOR COLLEGE ALGEBRA 1200710

1 Credit

10-12

In Mathematics for College Algebra, instructional time will emphasize five areas: (1) developing fluency with the Laws of Exponents with numerical and algebraic expressions; (2) extending arithmetic operations with algebraic expressions to include rational and polynomial expressions; (3) solving one-variable exponential, logarithmic, radical and rational equations and interpreting the viability of solutions in real-world contexts; (4) modeling with and applying linear, quadratic, absolute value, exponential, logarithmic and piecewise functions and systems of linear equations and inequalities; (5) extending knowledge of functions to include inverse and composition.

## ACADEMICS: MATH

### **MATHEMATICS FOR DATA AND FINANCIAL LITERACY 1200384**

1 Credit

12

In Mathematics for Data and Financial Literacy, instructional time will emphasize five areas: (1) extending knowledge of ratios, proportions and functions to data and financial contexts; (2) developing understanding of basic economic and accounting principles; (3) determining advantages and disadvantages of credit accounts and short- and long-term loans; (4) developing understanding of planning for the future through investments, insurance and retirement plans and (5) extending knowledge of data analysis to create and evaluate reports and to make predictions.

### **AP PRE-CALCULUS 1202305**

1 Credit

10-12

In AP Precalculus, students explore everyday situations and phenomena using mathematical tools and lenses. Through regular practice, students build deep mastery of modeling and functions, and they examine scenarios through multiple representations. They will learn how to observe, explore, and build mathematical meaning from dynamic systems, an important practice for thriving in an ever-changing world. AP Precalculus prepares students for other college-level mathematics and science courses. Through the course, students strengthen their procedural and symbolic fluency skills needed for higher level mathematics. While studying each function type, students solve equations and construct equivalent analytic representations in both contextual and purely mathematical settings.

### **AP CALCULUS AB 1202310**

1 Credit

11-12

This course is designed for the highly motivated college-bound student who wishes to pursue college level work while still in high school. This course is intended for students who have a thorough knowledge of college preparatory mathematics. It is a course in elementary calculus (algebraic, trigonometric, exponential and logarithmic) functions. Topics include, but are not limited to functions and graphs, limits and continuity, derivatives, and integrals and their applications. This course is taught utilizing the TI-83 or TI-84 series of graphing calculators.

### **AP CALCULUS BC 1202320**

I Credit

11-12

This course focuses on furthering AP Calculus students understanding of Calculus, including series, Polar Curves, Vectors, and Parametric equations.

### **AP CALCULUS AB/BC BLOCK 1202310AB/1202320BC**

2 Credits

11-12

Calculus BC focus on students' understanding of calculus concepts and provide experience with methods and applications. Through the use of big ideas of calculus, each course becomes a cohesive whole, rather than a collection of unrelated topics. This course require students to use definitions and theorems to build arguments and justify conclusions. This course features a multi-representational approach to calculus, with concepts, results, and problems expressed graphically, numerically, analytically, and verbally. Exploring connections among these representations builds understanding of how calculus applies limits to develop important ideas, definitions, formulas, and theorems. A sustained emphasis on clear communication of methods, reasoning, justifications, and conclusions is essential.

### **AP STATISTICS 1210320**

1 Credit

11-12

AP Statistics is designed for the highly motivated college-bound student who wishes to pursue college level work while still in high school. This course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. The four broad conceptual themes are exploring data, planning a study, anticipating patterns in advance (simulation), and statistical reference. Based on the results of the AP exam, college credit may be awarded by participating colleges and universities. A graphing calculator is required.

### **PROBABILITY AND STATISTICS W/ APPLICATION HONORS 1210300**

I Credit

11-12

This course is designed to give the students the tools needed to examine real life statistical problems and apply reasonable, theoretical practices to real-life applications. Topics include, but are not limited to, permutations and combinations, probability distributions, normal distributions, Central Limit Theorem, sampling techniques, measures of central tendency and variability, linear regression, confidence intervals, and hypothesis tests of means and proportions.

## ACADEMICS: SCIENCE

### ENVIRONMENTAL SCIENCE 2001340

1 Credit 9

This course will help students strengthen their skills in the areas of academic performance, learning strategies and critical thinking as they study the interactions between organisms and the environment, biochemical cycles, the evolution of life on earth and energy flow. Environmental science is the first year of a 2-course sequence intended to prepare the identified students for success in Biology I (a graduation requirement). In the second year of the sequence, students will be administratively enrolled in Biology I (10).

### AP ENVIRONMENTAL SCIENCE 2001380

1 Credit 10-12

This is a college-level course which provides the student with scientific principles, concepts, and methods required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and or preventing them. The challenging nature of the course requires the student to devote significant quantities of time and effort outside of regular class time.

### BIOLOGY 1 2000310

1 Credit 9-12

This course is designed to help students develop skills the areas of cooperative learning, critical thinking, the scientific method, and the utilization of technology in the research of contemporary problems and issues. The study of life processes will include measurement, cellular biology, genetics, ecology, animal and plant anatomy and physiology, as well as an introduction to the structure and function of the human body. Laboratory activities and safe laboratory techniques are an essential component of the course. Students will take the Biology End-of Course (EOC) exam.

### BIOLOGY I HONORS 2000320

1 Credit 9

In this course students will explore the relationship between organisms and their environments, and between individual cells and biological systems. The processes of life will be approached from the viewpoints of cellular structure and function, genetics and molecular biology, classification of organisms, physiology, biochemistry, and biological changes through time. This course expects students to be capable of comprehending scientific concepts presented at an advanced level and is taught using college level text. Laboratory activities are a significant component in the course, and offers students an opportunity to become familiar with scientific instruments and experimental methods. Students will take the Biology End-of Course (EOC) exam.

### PHYSICAL SCIENCE 1 2003310

1 Credit 10-11

This course will prepare students to develop an understanding of the role of chemical and physical technology in everyday life and society. Laboratory activities and safe laboratory techniques are an essential component of the course and allow students to become familiar with scientific instruments and methods as well as provide opportunities to study the concepts of matter, energy, and forces, and their applications through exploratory investigations and activities.

### CHEMISTRY 1 2003340

1 Credit 10-12

The purpose of this course is to introduce students to the study of the composition, properties and changes associated with matter. Topics include, but are not limited to atomic structure of matter, periodic table as an informational tool, types of chemical bonding, kinetic molecular theory, and water solutions. Laboratory activities and safe laboratory techniques are an essential component of the course.

### CHEMISTRY 1 HONORS 2003350

1 Credit 10-12

In this course, students will be provided with a study of composition, properties and changes associated with matter. The content shall include, but not be limited to: measurement, classification and structure of matter, atomic theory, moles, periodicity, chemical bonding, formula writing, nomenclature, chemical equations, stoichiometry, kinetic theory, gas laws, acids and bases, energy relationships, solids, liquids, and gases. Laboratory activities and safe laboratory techniques are an essential component of the course.

### AP CHEMISTRY 2003370

1 Credit 10-12

AP Chemistry is a college-level course in chemistry. Content should include, but not be limited to, the structure of matter, chemical reactions, and descriptive chemistry. The challenging nature of this course requires the student to devote significant quantities of time and effort outside of regular class time.

### ANATOMY AND PHYSIOLOGY HONORS 2000360

1 Credit 11-12

This course provides students with a comprehensive background in human anatomy and physiology. The student will be required to demonstrate terminology, identification of structures, and understanding of body functions. The course will include a study of organ systems of the body, utilizing anatomical terminology to describe or explain structural composition and physiological processes. Laboratory activities are emphasized in order to enhance understanding of how the body works, and will include investigations centering around, histology, skeletal and muscular anatomy systems, and the physiology of vertebrate animal systems. Vertebrate dissection is a major part of this course. Laboratory activities and safe techniques are an essential component of this course and offer students an opportunity to become familiar with scientific instruments and methods.

## ACADEMICS: SCIENCE

### PHYSICS 1 2003380

1 Credit 11-12

This course will provide students with an introduction to matter, energy, and the forces of nature. Topics include but are not limited to mechanics, optics, sound, electricity and magnetism. Laboratory activities and safe laboratory techniques are an essential component of the course.

Recommended: Successful completion of Algebra 1 and Geometry; and Chemistry and/or Physical Science.

### PHYSICS 1 HONORS 2003390

I Credit 11-12

This course will provide students with an introductory study of the theories and laws governing the interaction of matter, energy, and the forces of nature. The content shall include, but not be limited to: mechanics, wave phenomena, electricity, magnetism, optics, and sound. Laboratory activities and safe laboratory techniques are an essential component of the course.

Recommended: Successful completion of Algebra 2 or currently enrolled.

### AP PHYSICS 1 2003421

1 Credit 11-12

AP Physics is an algebra-based introductory college-level physics course that explores topics such as Newtonian mechanics (including rotational motion); work, energy, and power; sound and fluid dynamics. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills. Lab Requirement: This course requires that 25 percent of the instructional time will be spent in the hands-on laboratory work, with an emphasis on inquiry-based investigations that provide students with opportunities to apply the science practices.

### AP PHYSICS 2 2003422

1 Credit 11-12

AP Physics 2 is an algebra-based introductory college-level physics course that explores topics such as thermodynamics with kinetic theory; PV diagrams and probability; electrostatics; electrical circuits with capacitors; atomic and nuclear physics. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills. Lab Requirement: This course requires that 25 percent of the instructional time will be spent in the hands-on laboratory work, with an emphasis on inquiry-based investigations that provide students with opportunities to apply the science practices.

### AP PHYSICS C:EM 2003430

1 Credit 11-12

AP Physics C: Electricity and Magnetism is a calculus-based, college-level physics course, especially appropriate for students planning to specialize or major in one of the physical sciences or engineering. Students cultivate their understanding of physics through classroom study and activities as well as hands-on laboratory work as they explore concepts like change, force interactions, fields, and conservation.

### MARINE SCIENCE 1 2002500

1 Credit 12

The purpose of this course is to provide students with an understanding of the coastlines and tidal zones, tropical ocean and reef inhabitants, and deep marine organisms. Economic implications of marine resources and the impact of pollution on marine environments will be included. Laboratory activities and safe laboratory techniques are an essential component of this course and offer students an opportunity to become familiar with scientific instruments and methods.

### AP BIOLOGY 2000340

1 Credit 9-12

This course is a first year college biology course. The content includes but is not limited to; cell biology, biochemistry, classical genetics, molecular genetics, evolution, ecology, taxonomy, and the anatomy and physiology of plants and animals. The challenging nature of this course requires the student to devote significant qualities of time and effort outside of regular class times. Students should be motivated and have advanced reading ability. 9th graders will take the Biology End-of-Course exam (EOC).

## SCIENCE ELECTIVES

### ASTRONOMY 2002910

1 Credit 12

This course is a scientific exploration of the physical universe and its history. Comparisons of Earth's formation and properties with that of other planets are studied. This course examines the properties of light and matter and the tools astronomers use to measure radiation from celestial sources. The course covers contemporary topics such as black holes, expansion of the universe, and space exploration. 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.

### EXPERIMENTAL SCIENCE RESEARCH 1 HONORS 2002340

I Credit 9-12

Experimental Science 1 is designed to promote research experiences for self-motivated and inquiring science students who are willing to commit to the time and effort that this course requires. Students will develop original research questions suitable for competitions, presentations at scientific symposia, and possible publication. Participation in SCPS Regional Science Fair is mandatory; however, other competitions may be required. The student will be expected to keep a research log, write a research report designed to indicate depth of knowledge in the field, document the research process, and analyze the results of the investigation. Students may need to travel off campus to local research laboratories to conduct research. Weekend and after-school hours are required. This course meets the requirement for the Diploma of Distinction. This course is an honors elective, not a science credit.



## ACADEMICS: SOCIAL STUDIES

### **WORLD HISTORY 2109310 Standard 2109320 Honors**

1 Credit

10

This course will provide an understanding of the contemporary world through an overview of the growth of world religions, the development of political traditions, contemporary world cultures, and current international events.

Honors: See description above, with emphasis on enhanced reading, writing, (essay, term papers, etc.) and research skills.

### **AP WORLD HISTORY 2109420**

1 Credit

10-12

The purpose of this course is to develop a greater understanding of the evolution of global processes and contacts, in interaction with different types of human societies. This understanding is advanced through a combination of selective factual knowledge and appropriate analytical skills. The course highlights the nature of changes in international frameworks and their causes and consequences, as well as comparisons among major societies. Focused primarily on the past ten thousand years of the global experience, the course builds on the understanding of cultural, institutional, and technological precedents that, along with geography, set the human stage. This course will meet the graduation requirement for World History.

### **AP EUROPEAN HISTORY 2109380**

1 Credit

10-12

This introductory college course covers broad survey of major events in European History that begins in the 1400s with its coverage of exploration and colonization, and the Renaissance. Other topics in the course include the Protestant Reformation, the French Revolution and Napoleonic Era, the Industrial Revolution, the rise of ideologies such as nationalism, the Russian Revolution, both world wars, the Cold War, and post-Cold War Europe. AP European History complements both AP World History and AP United States History in its coverage of material and the writing skills for the AP Exam. Analytical and critical thinking practice is integrated into the course material on a regular basis, making the skills more approachable to students. This course will meet the graduation requirement for World History.

### **UNITED STATES HISTORY 2100310 Standard/2100320 Honors**

1 Credit

11

This course is designed to develop an understanding of the American experience. The course begins with a brief overview through the Civil War and Reconstruction Era and continues with an in-depth study of America's rise to power, the Populist and Progressive movements, World War I, and the Crash. The course continues with an in-depth study of the Depression, World War II, the Fifties, Sixties, the Vietnam War, Watergate, and into the 1990s.

Honors: See description above, with emphasis on enhanced reading, writing, (essay, term papers, etc.) and research skills.

This course requires an End of Course comprehensive exam covering the entire year. The exam equals 30% of the student's annual grade.

### **AP U.S. HISTORY 2100330**

1 Credit

11-12

As per College Board: Students should be able to read a college level textbook and write grammatically correct, complete sentences.

This course is designed for the highly motivated college-bound student who wishes to pursue college level work while still in high school. This course includes advanced content in American history, emphasizing critical essay writing, primary and secondary source research techniques, and in-depth interpretations and analysis of the traditional historical periods of a chronological survey in American history. Students will bear the responsibility to acquire factual knowledge through extensive home reading assignments while class assignments will focus on critical thinking study, historical inquiry skills, as well as the College Board curriculum guidelines to enrich overall understandings of US History. This course will meet graduation requirements for American History.

### **AMERICAN GOVERNMENT 2106310 Standard 2106320 Honors**

.5 Credit

12

This course provides students the opportunity to acquire an understanding of American government and political behavior. Content will include an analysis of documents which shape our political traditions, a comparison of the roles of the three branches of government at the local, state and national levels, an understanding of the evolving role of political parties and interest groups in determining government policy, how the rights and responsibilities of citizens in a democratic state have evolved and been interpreted, and the importance of civic participation in the democratic political process.

Honors: See description above, with emphasis on enhanced reading, writing, (essays, term papers, etc.) and research skills.

### **AP AMERICAN GOVERNMENT 2106420**

.5 Credit

12

This course provides students with the opportunity to develop the analytical skills and factual knowledge necessary to deal critically with the problems, content and materials of American government. Emphasis is placed on content and interpretation of the Constitution, federalism, the Congress, the Presidency, the Federal Court system, citizen involvement, American political traditions, and responsibilities of citizens. This course will meet graduation requirements for American Government.

### **AP COMPARATIVE GOVERNMENT AND POLITICS 2106430**

.5 Credit

10-12

This course introduces students to fundamental concepts used by political scientists to study the processes and outcomes of politics in a variety of country settings. The course aims to illustrate the rich diversity of political life, to show available institutional alternatives, to explain differences in processes and policy outcomes, and to communicate to students the importance of global political and economic changes.

## ACADEMICS: SOCIAL STUDIES

### **ECONOMICS** **2102310 Standard** **2102320 Honors**

.5 Credit

12

The grade 9-12 Economics course consists of the following content area strands: Economics and Geography. The primary content emphasis for this course pertains to the study of the concepts and processes of the national and international economic systems. Content should include, but is not limited to, currency, banking, and monetary policy, the fundamental concepts relevant to the major economic systems, the global market and economy, major economic theories and economists, the role and influence of the government and fiscal policies, economic measurements, tools, and methodology, financial and investment markets, and the business cycle. This course content will also consist of consumer and personal finance which includes but is not limited to the concepts of personal finance, budgeting, credit reports, personal credit, checking and savings accounts, consumerism, interest, higher education financing, insurance policies, employment contracts and tax forms.

Honors: In addition, Honors/Advanced courses offer scaffolded learning opportunities for students to develop the critical skills of analysis, synthesis, and evaluation in a more rigorous and reflective academic setting.

### **AP MACROECONOMICS** **2102370**

.5 Credit

12

Do you ever wonder why you can't have everything you want? You should learn why all things in life are scarce and how each nation decides to distribute its resources. Learn about the government's economic actions and why the Federal Reserve makes certain decisions. Learn about the role that other countries play in the U.S. economy and how currency changes can affect imports and exports! Best of all learn about Money! (Recommended for non-business majors and those only planning to take one AP economics course)

### **AP MICROECONOMICS** **2102360**

.5 Credit

11-12

Do you ever wonder how prices are determined or why sporting events cost so much? Learn about how individuals maximize their budgets and utility (satisfaction). Learn about individual business structures and why some businesses can set their prices much higher than others. Learn what happens when the government interferes in markets by determining prices. Learn how wages are determined and how they change. (Recommended for all business majors)

### **AP HUMAN GEOGRAPHY** **2103400**

1 Credit

9-12

Are you interested in learning more about the world? Human Geography is the study of humans and their interaction with the earth over time. Throughout this course we will evaluate the ways in which people interact with and adapt to their physical and cultural environment through a study of human systems. This course will introduce students to geography, demographics, migration, cultural systems such as language and religion, political organization of space, agriculture, urban land use and economic development. We will evaluate these human systems at various scales to come to an understanding of the interactions among places and people. Students will evaluate data to identify spatial patterns of human activity. This is an introductory college course and as such students are expected to prepare for and take the National Exam to earn college credit in the spring.

### **AP PSYCHOLOGY** **2107350**

1 Credit

10-12

This introductory college course acquaints students to the study of the mind and human behavior. Why do humans act the way they do? Is behavior a result of the brain and biology or is it a result of the environment? How is mental illness diagnosed and treated? How and why do people fall in love? Where does aggression come from and how is it learned? Do humans have free will? How does personality develop, and does it change throughout the lifespan? These are just some of the questions the AP Psychology course explores through the various research methods, theories, and perspectives.

### **AFRICAN-AMERICAN HISTORY** **2100340**

1 Credit

9-12

The primary content emphasis for this course pertains to the study of the chronological development of African Americans by examining the political, economic, social, religious, military and cultural events that affected the cultural group.

### **LATIN-AMERICAN HISTORY** **2100360**

1 Credit

9-12

The primary content emphasis for this course pertains to the study of the chronological development of the Latin American people by examining the history and culture of the region with emphasis on the Caribbean Basin, Central America and South America. Students will be exposed to the historical, geographic, political, economic, and sociological events which influenced the progression of Latin America.

## ACADEMICS: WORLD LANGUAGES

### SPANISH 1 0708340

1 Credit

9-11

This course is designed to emphasize speaking and listening skills with student's oral participation in the target language. Reading and writing are introduced and basic grammar structures explained. Students will be introduced to the culture and customs of various Spanish speaking countries.

### SPANISH 2 0708350

1 Credit

9-12

This course is designed for the student to continue to develop skills in listening and speaking. Oral practice in the target language is stressed. Reading and writing will be further developed through expanded vocabulary and more complex grammatical structures. Culture, history and geography will be studied in greater depth.

### SPANISH 3 HONORS 0708360

1 Credit

10-12

This course is designed for students to master and build upon the skills acquired in Spanish II. It includes a more intensive mastery of the Spanish language and culture emphasizing speaking, vocabulary and grammatical concepts. Extensive practice of speaking and listening skills will be emphasized while continuing the refinement of reading and writing as well as the study of Hispanic culture.

### AP SPANISH LANGUAGE 0708400

1 Credit

10-12

The program involves in-depth practice of language skills for those students who wish to be prepared at a more advanced level. The course is taught at a college level and will help prepare students for the AP test given at the end of the school year.

El programa consiste en la practica y revisión a fondo de las estructuras gramaticales de idioma español. También enfatiza las destrezas de escuchar, hablar, leer pasajes culturales o literarios y escribir composiciones. El curso se enseña nivel de universidad y prepara al estudiante para el examen de AP en mayo. Basándose en el resultado del examen de AP Lenguaje, el estudiante obtendrá créditos universitarios otorgados por las universidades correspondientes.

### AP SPANISH LITERATURE 0708410

1 Credit

11-12

AP Spanish Literature is similar to a college-level course of Spanish-language literature. Students will read short tales, novels, dramas, and poetry by Hispanic authors from Spain, Latin America, and the United States from the Middle Ages to the twentieth century.

AP Spanish Literature and Culture is intended for students who have completed at least four years of high school-level Spanish language instruction. It is strongly advised that students do AP Spanish Language and Culture before studying AP Spanish Literature and Culture, as the curriculum and books are entirely in Spanish. In the case of native or heritage speakers, there may be a distinct path of study leading to this course.

Desde la Edad Media hasta el siglo XX, los estudiantes examinan historias cortas, novelas, teatros y poesía de autores hispanos de España, América Latina y los Estados Unidos.

El programa AP Literatura y Cultura está dirigido a estudiantes que han completado exitosamente al menos cuatro años de educación secundaria en español. Dado que el curso y los textos están completamente en español, es muy recomendable que los estudiantes terminen el curso AP Lenguaje antes de comenzar el curso AP Literatura y Cultura. Si el estudiante es nativo en español, el profesor realizará un examen para determinar si tiene el conocimiento necesario para asistir a la clase.

## ACADEMICS: WORLD LANGUAGES

### LATIN

The study of Latin is especially recommended for students who wish to increase English vocabulary and understanding of English grammar. English grammar is based on Latin and more than 50% of our English vocabulary is derived from Latin. The technical vocabularies of law, medicine, and science are largely Latin based. Latin survives in many modern languages and the study of Latin gives students skills which provide a head start when studying many foreign languages. Students are encouraged to complete a minimum of three consecutive levels of Latin instruction.

#### LATIN 1 0706300

1 Credit 9-12

This course is designed to introduce fundamental Latin vocabulary and grammar along with classical culture. Mythology, Roman family life and strategies to increase English vocabulary are featured. Translation exercises emphasize a better understanding and a more precise use of English.

#### LATIN 2 0706310

1 Credit 9-12

Latin 2 is an extension of Latin 1. Greater emphasis is placed upon more complex grammar, advanced vocabulary and English derivatives. Students will acquire a more detailed knowledge of Roman mythology, history and culture.

#### LATIN 3 HONORS 0706320

1 Credit 10-12

Latin 3 is designed to continue the study of Latin vocabulary and derivatives. Readings from Latin authors contribute to an understanding of the nation that once ruled the known world. Readings include Jason and the Argonauts, Julius Caesar's Gallic War, and select examples of Latin literature.

#### AP LATIN (VERGIL AND CAESAR) 0706375

1 Credit 11-12

Prerequisite: Latin 3

This course is designed for the highly motivated college-bound student who wishes to pursue college level work while still in high school. The student will spend half the year reading excerpts from Vergil's epic Aeneid. The second half of the year will be spent reading selections from Julius Caesar's Commentarii de Bello Gallico. The student will review advanced grammar; the student will also learn figures of speech, the structure of Latin poetry and the cultural and historical context of these works of literature. This course aims to prepare the student to take the AP exam on Vergil's Aeneid and Casesar's Commentarii de Bello Gallico.

### FRENCH 1 0701320

1 Credit 9-12

This course is designed to emphasize speaking and listening skills with student's oral participation in the target language. Reading and writing are introduced and basic grammar structures explained. Students will be introduced to the culture and customs of various French speaking countries.

### FRENCH 2 0701330

1 Credit 9-12

This course is designed for the student to continue to develop skills in listening and speaking. Reading and writing will be further developed through expanded vocabulary and more complex grammatical structures. Culture, history and geography will be studied in greater depth.

### FRENCH 3 HONORS 0701380

1 Credit 10-12

This course is designed for students to master and build upon the skills acquired in French II. It includes a more intensive mastery of the French language and culture emphasizing speaking, vocabulary, and grammatical concepts.

### AP FRENCH LANGUAGE 0701380

1 Credit 10-12

This course is designed for the highly motivated college-bound student who wishes to pursue college level work while still in high school. This course will also prepare students for the French Language Advanced placement exam which challenges students to attain high levels of proficiency in speaking, listening, reading and writing. The use of authentic materials helps to increase accuracy and fluency.

## ACADEMICS: ELECTIVES

### AP COMP SCI (PRINCIPLES)

**0200335**

1 Credit

9-12

**PREREQUISITE:** Due to the high demand for this course it may be necessary to have a lottery selection for ninth grade seats. AP Computer Science Principles offers a multidisciplinary approach to teaching the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. AP Computer Science Principles will give students the opportunity to use technology to address real-world problems and build relevant solutions. Together, these aspects of the course make up a rigorous and rich curriculum that aims to broaden participation in computer science

The AP Computer Science Principles Curriculum Framework focuses on the innovative aspects of computing as well as the computational thinking practices that help students see how computing is relevant to many areas of their everyday lives.

### AP COMPUTER SCIENCE A

**0200320**

1 Credit

10-12

**PREREQUISITE:** Successful completion of AP Comp Sci - PRIN

AP Computer Science includes advanced object-oriented programming techniques, algorithms, data structures, and abstract data types, all of which occurs in the context of the Java programming language. The course includes many opportunities for optional enrichment including IBM mainframe and other hands-on programming projects aimed at bettering the world. All students intending to go to college should take this class since almost every occupation or endeavor uses some form of computer software including the fine arts, engineering, medical, architecture, etc.

### CARE AND PREVENTION OF ATHLETIC INJURIES

**1502490**

1/2 Credit

9-12

**PREREQUISITE:** First Aid and Safety Class

Care and Prevention of Athletic Injuries is an introductory course for the student interested in the methods and theories involved with prevention, care, and rehabilitation of athletic injuries.

### FIRST AID AND SAFETY

**0800320**

1/2 Credit

9-12

This class is the first of a two-course sequence with the Care and Prevention of Athletic Injuries. This course is for the student interested in the methods and theories involved with care, prevention and treatment of athletic injuries. Laboratory activities are an integral part of this course and shall include activities that offer practical application of the concepts involved. Some after-school observations may be required to enhance practical learning. Please note: This is not a physical education credit, but can be used as a fulfillment of graduation requirements as an elective.

### CAREER AND DECISION MAKING FOR ATHLETES

**1700380**

1/2 Credit

11

C.A.A.P. is designed to prepare student athletes both academically and athletically through authentic rich activities, research and practical application. Additionally, student athletes learn better study skills, how to be better citizens, sportsmanship, accountability, self-marketing skills and what it takes to be a leader on and off the court or field. Do you have a GAME PLAN for your future? If you are a student athlete and a varsity member this class could be for you. C.A.A.P. provides a GAME PLAN for success.

Things you will learn:

NCAA and NAIA Eligibility Center registration steps, including the 3 steps everyone misses.

What college coaches look for and how they find and evaluate potential student athletes.

When you should start the recruiting process and when college coaches begin looking for athletes.

How to properly develop your athletic and sports skills.

How to develop a quality Player Profile and what should be included.

How to make good highlights and what coaches look for. Why they'll help you obtain recruiting opportunities.

Learn about the 7 college governing bodies, how they work and what the 4 levels of college competition are.

Maximize your funding for college, including how to get up to another \$20,000.00 for college annually!

Finish with a solid game plan, tools and resources you can take with you and to help you get recruited.

How to interview college coaches.

### CLASSICAL HUMANITIES HONORS

**0900310**

I Credit

9-12

Students will learn the fundamental ideas that shape human culture by studying various aspects of several ancient civilizations: Egypt, Mesopotamia, Minoa, Mycenae, Persia, Greece, Rome, Norse and others. Students will learn to write in Egyptian hieroglyphs, Mesopotamian cuneiform, the Greek alphabet and other systems of writing. Students will gain an appreciation of ancient cultures by completing projects in which they create art and artifacts of the civilizations studied. Finally, with demonstrations, experiments and other activities, students will gain a basic knowledge and appreciation of ancient science, technology, engineering and mathematics (STEM) Classical Humanities is exploring history by learning to write on Egyptian hieroglyphs, Mesopotamian cuneiform, the Greek alphabet and other writing systems, an appreciation of the art and architecture of various civilizations, philosophy and mythology and exploring the ancient origins of many of our modern principles of math and science (STEM)



## ACADEMICS: ELECTIVES

### PERSONAL FINANCIAL LITERACY

**2102373**

1/2 Credit

9-12

The primary content for the course pertains to the study of learning the ideas, concepts, knowledge and skills that will enable students to implement beneficial personal decision-making choices; to become wise, successful, and knowledgeable consumers, savers, investors, users of credit and money managers; and to be participating members of a global workforce and society. Along with basic economic concepts of scarcity, choice, opportunity cost, and cost/benefit analysis are interwoven throughout the standards and objectives. Emphasis will be placed on economic decision-making and real-life applications using real data. This course is a graduation requirement for class of 2027 and beyond.

### COLLEGE SUCCESS

**SLS1101**

1/2 Credit

12

COLLEGE SURVIVAL SKILLS Provides students knowledge and skills for college survival. Includes introduction to college and its resources, selected study skills and personal resource management skills. Students identify skill areas and levels they wish to improve

### LATINOS IN ACTION

**21043500LA & 21043600LA YEAR 1  
24003100LA YEAR 2**

1 Credit

10-12

Prerequisite: Teacher selection based upon LIA chapter requirements.

This program prepares Hispanic youth for academic success, post-secondary education, and successful career. LIA accomplishes its mission by delivering classes that focus on leadership, cultural heritage, learning, and academic excellence.

### LEADERSHIP

#### Leadership Skills Development

**2400300**

1 Credit

10-12

Prerequisite: Application Process in Spring and Student Government Association Sponsor Approval Required. Minimum GPA of 3.0.

This course aims to teach leadership, problem-solving, decision-making, communication, group dynamics, time and stress management, public speaking, human relations, public relations, team building, and other group processes. Project-based activities are integral to this course and shall include practical application of the concepts involved. Some after-school requirements may be required to enhance practical learning.

### LEADERSHIP TECHNIQUES HONORS

**2400310**

1 Credit

11-12

Prerequisite: Successful Completion of Leadership Skills Development (#2400300), Application Process in Spring, and Student Government Association Sponsor Approval Required. Minimum GPA of 3.0.

This course provides an in-depth study of the leadership techniques of decision-making, problem-solving, meeting skills, communication, group conflict reduction, time and stress management, evaluation, team building, group dynamics, motivational strategy, data collection for project needs, evaluation of community organizations, the purpose of local government, and the role of leadership in a democratic society. Project-based activities are integral to this course and shall include practical application of the concepts involved. Some after-school requirements may be required to enhance practical learning.

### LEADERSHIP STRATEGIES HONORS

**2400320**

1 Credit

12

Prerequisite: Successful Completion of Leadership Techniques Honors (#2400310), Application Process in Spring, and Student Government Association Sponsor Approval Required. Minimum GPA of 3.0.

The purpose of this course is to provide formative opportunities to build on leadership skills, including meetings skills, communication skills, motivational strategies, character development, group dynamics, community relations, data collection for project needs, evaluation of community organizations, the purpose of local government, community service and personal and civic responsibility. Project-based activities are integral to this course and shall include practical application of the concepts involved. Some after-school requirements may be required to enhance practical learning.

## ACADEMICS: ELECTIVES

### **LIFE/CAREER PLANNING SLS1301C**

1/2 Credit 12

Prerequisite: Must be a senior with a minimum GPA of 2.5 and has never taken an AP or Dual Enrollment class. Student maybe assigned this course.

Life/Career Planning is a course designed to assist students with the lifelong process of career development. Students will participate in a variety of experiences as a group and individually. The coursework is designed to help students identify and examine their interests, personality, values, self-esteem, critical thinking skills and to use this increased self-awareness to make decisions about majors and careers. This course will emphasize that making an occupational career choice is a never-ending process subject to and affected by one's personal maturity and environmental changes. Life/ Career Planning is a three-credit course that applies as an elective towards the Associate in Arts degree.

### **PEER COUNSELING 1 1400300**

1/2 Credit 11-12

Prerequisite: Students seeking enrollment must complete peer counseling application.

Students must submit the application at the same time they submit the registration card please indicate on application what your desired course to drop to add class..

Peer Counseling is designed to teach students personal development, communication, and helping skills so that they can more effectively assist their peers and younger students. Content will include listening skills, non-verbal communication skills, non-judgmental response skills, feedback, knowledge of self and human behavior, goal setting, individual responsibility, and group process. Enrolled students will participate in the Freshmen Orientation Program and act as mentors to 9th graders as they transition to high school. Students seeking this class need to demonstrate a mature commitment to their own personal growth, sensitivity/concern for others, low absentee rate, and a commitment to "be the change" in helping promote positive attitudes and encounters with all students and personnel on campus. Students will participate in volunteer activities within the school system and community.

### **PEER COUNSELING 2 1400310**

1/2 Credit 11-12

Prerequisite: Completed Peer Counseling 1

Please indicate on application what your desired course to drop to add class.

### **PEER COUNSELING 3 1400320**

1/2 Credit 11-12

Prerequisite: Completed Peer Counseling 1 & 2

Please indicate on application what your desired course to drop to add class.

### **PEER COUNSELING 4 1400330**

1/2 Credit 12

Prerequisite: Peer Counseling 1, 2, & 3

Please indicate on application what your desired course to drop to add class..

Peer Counseling 2-4 is a supervised on-site experience in the Freshmen Orientation/ Transition Program as well as in the neighboring elementary and middle schools. Students will assist 9th grade teachers in Intensive classes and mentor freshmen who have academic and/or social concerns/difficulties. Students will also assist teachers in both academic and problem oriented situations. Peer Counselors will have the opportunity to work with the D.A.R.E. Program, drop-out prevention, children with special needs and tutoring. Students will meet one or two Jays a week in class and he assigned an LBHS classroom or another off-campus school site to execute their skills. Transportation off-site must be provided by the student.

### **PEER INCLUSION TEAM (PIT) 1400340**

1 Credit

Students seeking enrollment must complete PIT Crew application. Students must submit the application at the same time they submit the registration card please indicate on application what your desired course to drop to add class.

This course is designed to provide reciprocal academic and social benefits to students with disabilities and their peers without disabilities. Students enrolled in this course will learn and apply knowledge and skilled practices in the areas of academic engagement, communication, social barriers, leadership, problem solving, and other disability-related topics such as historical perspectives, inclusion, Universal Design for Learning, person-first language, presumed competence, social justice for minority populations, and media representation of diverse people.

## ACADEMICS: ELECTIVES

### **SPEECH 1 1007305**

1/2 Credit

9-12

This .5 credit (one semester) course helps students prepare for and deliver public presentations with a variety of speaking goals: to inform, to explain, to inspire, to entertain, to influence, and to convince. We will also touch on basics of human communication: interpersonal, nonverbal, mass communication, ethical communication, and rhetorical analysis. Speaking, listening, researching, and writing skills are strengthened by this course. All skill levels are welcome! **IMPORTANT NOTE - THIS IS A PERFORMANCE CLASS! EVERY UNIT INCLUDES SPEAKING IN FRONT OF A GROUP OF LISTENERS.**

### **SPEECH 2 1007315**

1/2 Credit

9-12

This .5 credit (one semester) course is a continuation of Speech 1, though Speech 1 is not a prerequisite. This course also helps students prepare for and deliver public presentations with a variety of speaking goals: to inform, to explain, to inspire, to entertain, to influence, and to convince. We will also touch on basics of human communication: interpersonal, nonverbal, mass communication, ethical communication, and rhetorical analysis. Speaking, listening, researching, and writing skills are strengthened by this course. All skill levels are welcome! **IMPORTANT NOTE - THIS IS A PERFORMANCE CLASS! EVERY UNIT INCLUDES SPEAKING IN FRONT OF A GROUP OF LISTENERS.**

### **DEBATE 1 1007330**

1 Credit

9-12

This 1.0 credit (one academic year) course helps students prepare for and deliver public presentations where argumentation is the speaking goal. Students will learn a variety of styles of debate (including, but not limited to Congressional Debate, Public Forum Debate, World Schools Debate, Extemporaneous Debate, and Mock Trial.) It's important to note that in competitive debate, students are not permitted to choose the side (affirmative / negative, pro/con) they will argue. The learning goal focuses on building and presenting arguments and responding to and refuting the opposition's. Thus, regardless of the issue we debate, personal beliefs do not play a role.

We will also touch on basics of human communication: interpersonal, nonverbal, mass communication, ethical communication, and rhetorical analysis. Speaking, listening, researching, and writing skills are strengthened by this course. **IMPORTANT NOTE - THIS IS A PERFORMANCE CLASS! EVERY UNIT INCLUDES SPEAKING IN FRONT OF A GROUP OF LISTENERS.**

1007340 Debate 2

1007350 Debate 3 (Honors)

1007360 Debate 4 (Honors)

1007370 Debate 5 (Honors)

### **ADVANCED SPEECH AND DEBATE 2-3-4-5-6**

This 1.0 credit (one academic year) course is for students who have successfully completed Debate 1 and/or Speech 1-2 and have an interest in representing Lake Brantley High School Speech & Debate competitively. Because all advanced debate students are on the team, the class is by invitation only. As Speech & Debate is a co-curricular activity, being a student in this class allows debaters and individual events competitors an opportunity to prepare for these competitions without staying after school for practice. Students will improve upon their forensics skills, project management skills, and interpersonal skills as they represent and support LBHS at tournaments and at other co-curricular speaking activities. This course satisfies the Fine or Performing Arts graduation requirement.

We compete in all categories offered by the National Speech and Debate Association. We also compete in Model UN, Mock Trial, Voice of Democracy, Optimist Oratorical Contest, and Poetry Out Loud. LBHS is a member in good standing with the Florida Forensics League, the Florida Civics and Debate Initiative, and the National Speech and Debate Association. For Mock Trial, we compete under the 18th Judicial Circuit. Poetry Out Loud is offered in conjunction with the Florida Humanities, National Endowment for the Arts, and the Poetry Foundation.

Level 2 students are required to compete (representing LBHS) three times per semester to earn credit. A minimum of one per quarter is strongly advised.

Level 3-4-5-6 (HONORS LEVEL) students are required to compete FIVE times each semester to earn credit. A minimum of 2 per quarter is strongly advised.

\*Competitions must be approved by the coach. Most monthly, in-person competitions are full-day and take place on Saturdays at Central Florida locations. There are 1-3 weekday and asynchronous competition opportunities each quarter. Parents play an integral role in team operations. For more information, feel free to contact the coach, Ms. Jennifer Burg.

\*Students who wish to compete but are unable to take the class may do so.



## ACADEMICS: PERFORMING ARTS

### PERFORMING ARTS: Music Enrichment Courses

The Lake Brantley Performing Arts Department offers Music Enrichment Programs open to all students. Additionally, students participating in Chorus, Drama, Dance, Band, or Digital Audio Production should consider enrolling in one of our Music Enrichment Courses to improve their understanding of and proficiency with music theory, composition, and performance.

#### AP Music Theory 130330

1 Credit

10-12

This rigorous course emphasizes music composition, music history, and harmonic and melodic dictation. Students take the AP Music Theory exam in May. Those who demonstrate proficiency on that exam have the ability to earn college credit as a result. While previous music instruction and/or Pre-AP Music Honors are not pre-requisites for this course, they are highly recommended due to the pace of this course. Attendance to performances outside the regular school day may be a required grade component. This course satisfies the Fine or Performing Arts graduation requirement.

#### Piano I – IV Honors 1301360 I, 1301350 II, 1301360 III, 1301390 IV Honors

1 Credit

9-12

This sequence of courses introduces students to reading sheet music and playing the piano. Students who successfully complete each level are invited to return for the next level of the course. Attendance to and participation in performances outside the regular school day may be a required grade component. This course satisfies the Fine or Performing Arts graduation requirement.

### PERFORMING ARTS: Theatre and Stagecraft

Lake Brantley Patriots are invited to take center stage in our Theatre Department, which offers opportunities to students of all interests and abilities. In addition to the course offerings below, LBHS is also home to International Thespian Society (ITS) Troupe #2888, which participates in district and state festivals. ITS meets and rehearses after school. Participation in a Theatre Department class is encouraged, but not required for membership.

#### Introduction to Drama 0400300

0.5 Credit

9-12

This course introduces students to foundational theatre knowledge, including basic stage direction, theatre history, and theatrical arts appreciation. This is an excellent course for students who are curious about theatre, but aren't sure what their role on- or off-stage might be. This course satisfies half of the Fine or Performing Arts graduation requirement.

#### Acting I – IV Honors 0400370 I, 0400380 II, 0400390 III, 0400400 IV Honors

1 Credit

9-12

This sequence of courses will teach students the practical, academic, and philosophical aspects of the art of acting and performance. Students will engage in monologues, duet acting, small group acting, pantomime, and improvisation. Attendance to and/or participation in performances outside the regular school day may be a required grade component. This course satisfies the Fine or Performing Arts graduation requirement.

#### Technical Design and Production I – IV Honors

#### 0400410 I, 0400420 II, 0400430 III, 0400440 IV Honors

1 Credit

9-12

This sequence of courses will teach students the ins and outs of backstage theatre operation and production. Students will be exposed to and have the opportunity to develop expertise in set production, prop design, hair and make-up, costuming, lighting, and sound design. Attendance to and/or participation in performances outside the regular school day may be a required grade component. This course satisfies the Fine or Performing Arts graduation requirement.

## ACADEMICS: PERFORMING ARTS

### **Patriot Players Production Class Acting I-IV or Technical Design and Production I-IV**

1 credit

9-12

Audition or application and Theater director approval required.  
Contact instructor for details.

The LBHS Patriot Players put on mainstage productions throughout the school year. Students chosen to participate in this class work collaboratively and intensively to produce high-quality theatre, including comedies, dramas, historical pieces, and musicals. Students receive credit for Acting I-IV or Technical Design and Production I-IV, based on their experience in the program. Interested students are encouraged to submit a course request for their appropriate level of Acting or Tech Design, then contact the instructor regarding the audition or application process. Because of the intensive, repertory nature of this class, mandatory after school and weekend rehearsals and performances are necessary to meet class requirements. Attendance to performances outside the regular school day may also be a required grade component.

### **Theatre Direction and Stage Management I & II Honors 0400500 I, 0400510 II Honors**

1 credit

11-12

Application, interview, and Theatre director approval required.  
Contact instructor for details.

Advanced Acting or Technical Design students may apply and interview to apprentice with the Theatre Director during Introduction to Drama, Acting, or Technical Design or Production classes. Those who are chosen will apply what they have learned in Acting and/or Technical Design and Production as they develop the mindset and skills of a theatre creative team member through working with beginning and intermediate students. Attendance to and/or support of performances outside the regular school day may also be a required grade component. This course satisfies the Fine or Performing Arts graduation requirement.





## ACADEMICS: PERFORMING ARTS

### PERFORMING ARTS: Lake Brantley Dance

The LBHS Dance Department offers Patriots the opportunity to develop and pursue a passion for breakin' it down, cuttin' a rug, takin' a leap, or simply following the music wherever it takes them. We offer No Experience Necessary courses, as well as Advanced Studio courses. Additionally, the Lake Brantley Sparklers Spirit Team is available as an extracurricular activity for students interested in participating in the Lake Brantley Marching Band Performances.

#### No Experience Necessary Dance Course Offerings

##### Introduction to Dance 0300305

0.5 Credit

9-12

This course is intended for students new to the Lake Brantley Dance Program. In Intro to Dance, beginning or novice dancers will acquire the skills and knowledge that are foundational to popular dance forms, including Jazz, Hip-Hop, Contemporary, Latin, Afro-Caribbean, and ballet. Students will develop fluency in the language of dance and choreography, while mastering the basic skills required to advance through the discipline. Once students have demonstrated mastery of these introductory skills, they are eligible to audition for the advanced dance classes offered at Lake Brantley High School. This course satisfies half of the Fine or Performing Arts graduation requirement.

##### World Dance: Latin and Afro-Caribbean 0300300

1 Credit

9-12

Afro-Caribbean incorporates a diverse array of traditional and fusion dance styles of Sub-Saharan Africa and Indigenous Caribbean cultures. Hip-Hop, Jazz, and Contemporary dance all trace their roots back to Afro-Caribbean dance. Students will learn the history and traditions of this style, while mastering its techniques and creating art. There will be two mandatory performances for students in this class, one each semester. Students are required to participate in after school rehearsals leading up to those live performances. This course satisfies the Fine or Performing Arts graduation requirement.



#### Advanced Dance Course Offerings

##### Commercial Dance: Contemporary, Jazz, Improv 0300310 I, 0300320I, 0300330 III Honors, 0300340 IV Honors

1 Credit

9-12

A or B in Introduction to Dance or Audition and Dance Teacher Approval required.

Contemporary, Jazz, and Hip-Hop have become some of the most popular dance forms in the world, being featured on stage, film, and TV more and more each passing year. Students in this course will learn their history and general forms, while combining them with the practice of improvisational dance. There will be two mandatory performances for students in this class, one each semester. Students are required to participate in after school rehearsals leading up to those live performances. Students are also required to pay a \$40 costume rental fee for the year. Honors Credit will be given to students in their third and fourth years of Dance Techniques. This course satisfies the Fine or Performing Arts graduation requirement.





## ACADEMICS: PERFORMING ARTS

### **Choreography 0300380 1, 0300390 2 Honors**

1 credit

11-12

Audition and Dance Teacher Approval required. Co-requisite: Dance Studio Dance Sparkler Showcase Team

Student leaders within the Sparkler Showcase Team are invited to audition to serve as student choreographers for Intro to Dance and World Dance classes. These students will apprentice the Dance Teacher to learn the skills and artistry of group and individual choreography and dance instruction. Interested students will audition with their own self-choreographed piece at the same time as the Sparkler Showcase Team auditions in the Spring. Student choreographers must attend all rehearsals for their pieces in addition to their Showcase Team rehearsals. Seniors in their second year of Choreography will be eligible for Honors credit. This course satisfies the Fine or Performing Arts graduation requirement.

### **Dance Studio: Sparkler Showcase Team 0300400 I, 0300410 II, 0300420 III Honors, 0300430 IV Honors**

1 Credit

9-12

Audition and Dance Teacher Approval required.

Students with significant experience and interest in pursuing a passion for dance are encouraged to audition for the LBHS Dance Studio Sparkler Showcase Team. These students will experience a rigorous course of study comparable to that of a competitive, repertory dance studio. The Sparkler Showcase Team will participate in local and regional competitions. Auditions will be held each Spring for interested students. There will be two mandatory performances for students in this class, one each semester. Students are required to participate in after school rehearsals leading up to those live performances. Students are also required to pay a \$100 costume rental fee for the year, as well as competition participant fees to be determined at the beginning of the school year. There will be a mandatory Showcase Team Meeting during the first two weeks of school at which the finalized fee schedule will be shared and students and families will agree to the commitments of the Showcase Team Member contract. Honors Credit will be given to students in their third and fourth years of Dance Studio. This course satisfies the Fine or Performing Arts graduation requirement.



## ACADEMICS: PERFORMING ARTS

### PERFORMING ARTS: Lake Brantley High School Marching Patriots

Lake Brantley High School is home to one of the largest bands in Florida. Earning straight Superiors at every MPA for the past several years, the Lake Brantley Marching Band is also one of the most prestigious and decorated in the state. We offer several different levels of Band for students of all backgrounds and abilities. All students who take classes in our Band Department are required to participate in the Lake Brantley Marching Band as part of their curriculum and course grade. This involves Band Camp over the summer, after school rehearsals during the fall and spring, and participation at every football game. Students must also pay a uniform rental fee each year. Students who cannot make this commitment should explore some of our other outstanding Performing Arts opportunities!

#### Band I – IV Honors

**1302300 I, 1302310 II, 1302320 III,  
1302330 IV,  
1302340 V Honors, 1302350 VI Honors**

1 Credit

9-12

All beginning students will be placed in the Concert Band, while intermediate and advanced students will be placed in Symphonic Band and Wind Ensemble based on their abilities and program needs. To place students appropriately, audition and Band director approval is required for any level Band beyond Concert. This course satisfies the Fine or Performing Arts graduation requirement.

#### Instrumental Techniques I – IV Honors

**1302420 I, 1302430 II, 1302440 III,  
1302450 IV Honors**

1 Credit

9-12

This course is designed for all percussionists in the Lake Brantley High School Marching Patriots. To place students appropriately, audition and Band director approval is required for students wishing to take this course. This course satisfies the Fine or Performing Arts graduation requirement.

#### Jazz Band I – IV Honors

**1302500 I, 1302510 II, 1302520 III,  
1302530 IV Honors**

1 Credit

9-12

Audition and Band Director approval required. Co-requisite: Band I – IV Honors OR Instrumental Techniques I – IV Honors

Members of the Lake Brantley High School Marching Band may take this course to explore the genre of jazz. Because of the intensive, advanced nature of this class, mandatory after school and weekend rehearsals and performances are necessary to meet class requirements. Attendance to performances outside the regular school day may also be a required grade component. Interested students are encouraged to submit a course request for their appropriate level of Band I – IV Honors or Instrumental Techniques I – IV Honors, then contact the Band Director regarding the audition process. This course satisfies the Fine or Performing Arts graduation requirement.



## ACADEMICS: PERFORMING ARTS

### PERFORMING ARTS: Lake Brantley Chorus

Lake Brantley High School is home to several different vocal performance groups that provide students opportunity to grow and develop as singers and musicians. It's your chance to shine! We welcome students of all abilities and experience!

Students interested in joining a vocal performance group should submit a course request for Chorus I – VI Honors, then contact the Choral Director for information regarding auditions for specific groups.

#### Chorus I – VI Honors

**1303300 I, 1303310 II, 1303320 III,  
1303330 IV, 1303340 V Honors, 1303350  
VI Honors**

1 Credit

9-12

This sequence of courses introduces students to reading sheet music and singing. Students who successfully complete each level are invited to return for the next level of the course. Placement in specific vocal performance groups require audition and Choral Director approval to ensure students will be successful. Attendance to and participation in performances outside the regular school day are required grade components. This course satisfies the Fine or Performing Arts graduation requirement.

#### ForteFy: Vocal Ensemble I – VI Honors

**1303440 I, 1303450 II, 1303460 III,  
1303470 IV Honors**

1 Credit

10-12

Audition and Choral Director approval required. Co-requisite: Chorus I – VI Honors

This advanced vocal performance group performs primarily pop acapella music. Students must be proficient in sight-reading and be dedicated to developing a superior level of vocal tone and control. These students must also be a member of another vocal performance group within the LBHS Chorus. Attendance to and participation in performances outside the regular school day are required grade components. This course satisfies the Fine or Performing Arts graduation requirement



## ACADEMICS: ART

### 2-D STUDIO ART 0101300

1 Credit

9-12

This course is a prerequisite class for all visual arts studio classes and promotes the enjoyment and appreciation of art as students experiment with various media techniques used to create two-dimensional artworks, including drawing, painting, collage, and more. Students will learn the foundations of visual composition through the use of the elements of art and principles of design. Students practice, sketch, and manipulate the structural elements of art to improve mark making and the organizational principles of design in compositions from observation, research, and/or imagination. Through the critique process, students evaluate and respond to their own work and that of their peers. This course incorporates hands-on activities and consumption of art materials.

### 2-D STUDIO ART 2 0101310

1 Credit

10-12

Prerequisite: 2-D Studio Art I.

This intermediate-level course is designed for students who wish to further develop and refine technical skills and create 2-D compositions with a variety of media in drawing, painting, printmaking, collage, and/or design. Students will be introduced to more challenging projects and will sketch, manipulate, and refine the structural elements of art to improve mark-making and/or the organizational principles of design in compositions from observation, research, and/or imagination. Through the critique process, students evaluate and respond to their own work and that of their peers. This course integrates knowledge of art history to broaden personal viewpoints and incorporates hands-on activities and consumption of art materials.

### 2-D STUDIO ART 3 HONORS 010320

1 Credit

11-12

Prerequisite: 2-D Studio Art 1 and 2

In this honors course, students demonstrate proficiency in the conceptual development of content in drawing, painting, printmaking, collage, and/or design to create 2-D artwork suitable for inclusion in a portfolio. Students produce works that show evidence of developing craftsmanship and quality in composition. Students regularly reflect on aesthetics and art issues individually and as a group, and manipulate the structural elements of art and organizational principles of design to create works of art that are progressively more innovative and representative of the student's artistic and cognitive growth. Through the critique process, students evaluate and respond to their own work and that of their peers. Through a focused investigation of traditional techniques, historical and cultural models, and individual expressive goals, students begin to develop a personal art style. This course incorporates hands-on activities and consumption of art materials.

### 3-D ART 1 0101330

1 Credit

9-12

Prerequisite: Latin III

Students explore how space, mass, balance, and form combine to create aesthetic forms or utilitarian products and structures. Instruction may include, but is not limited to, content in green or industrial design, sculpture, assemblage, or building arts. Media may include, but are not limited to, wood, plaster, paper mache, or found objects with consideration of the workability, durability, cost, and toxicity of the media used. Student artists consider the relationship of scale (i.e., handheld, human, monumental) through the use of positive and negative space or voids, volume, visual weight, and gravity to create low/high relief or freestanding structures for personal intentions or public places. They explore sharp and diminishing detail, size, position, overlapping, visual pattern, texture, implied line, space, and plasticity, reflecting craftsmanship and quality in the surface and structural qualities of the completed art forms. Students in the 3-D art studio focus on use of safety procedures for process, media, and techniques. Student artists use an art criticism process to evaluate, explain, and measure artistic growth in personal or group works. This course incorporates hands-on activities and consumption of art materials.

### 3-D ART 2 0101340

1 Credit

10-12

Prerequisite: 3-D Art 1

This course is a continuation of 3-D Art I. Students will explore spatial relationships through the use of nonobjective, abstract or representational forms, products, or structures.

### 3-D ART 3 (HONORS) 0701330

1 Credit

10-12

This course is designed for the student to continue to develop prerequisite: 3D Art 2

Students communicate a sense of motion, and/or time, based on creative use of spatial relationships and innovative treatment of space and its components. Instruction may include, but is not limited to, content in green or industrial design, sculpture, ceramics, or building arts. Students address the inter-relatedness of art and context, and may also include installation or collaborative works, virtual realities, light as a medium, or flexible, entered, or activated space. Other concepts for exploration include tension, compression or expansion, intrusions or extrusions, grouping, proximity, containment, closure, contradiction, and continuity. 3-D artists experiment with processes, techniques, and media, which may include, but are not limited to, creating maquettes, casting and kiln-firing techniques, stone carving, mold making, or working with glass, cement, PVC piping, or structures scaled to human existence. Craftsmanship and quality are reflected in the surface and structural qualities of the completed art forms. Students in the 3-D art studio focus on use of safety procedures for process, media, and techniques. Student artists use an art criticism process to evaluate, explain, and measure artistic growth in personal or group works. This course incorporates hands-on activities and consumption of art materials.



## ACADEMICS: ART

### AP ART: 3-D DESIGN 0109360

1 Credit

11-12

Prerequisite: 3D Art 3

Portfolios allow flexibility of coursework while guiding students to produce college level quality, artistic investigation, and breadth of work. The 3-D design portfolio involves decision making about how to use the elements and principles of art as they relate to the integration of depth, space, volume, and surface, either actual or virtual. Students' portfolios demonstrate skills and ideas developed, refined, and applied through the course to produce visual compositions. Students may choose to submit any or all the portfolios. Portfolios are evaluated based on standardized scoring descriptors aligned with skills and understanding in college foundation courses. Students will create a body of work that requires college level execution and rigor. Students will be required to begin coursework during the summer prior to take this course. They will need to see instructor before going on summer break and to be admitted into the class.

### AP ART HISTORY 0100300

1 Credit

10-12

Prerequisite: 2-D Studio Art I.

Prerequisites: Honors English, World History and Teacher Advisement.

This course will provide students with benefit of understanding and enjoyment of painting, sculpture, architecture and other forms within historical and culture contexts. This is not a studio class for making art but a historical study of art. Students will examine the major forms of artistic expression of the past as well as those of our time and of a variety of cultures. The course does require a high degree of commitment by those students seriously interested in advanced placement and/or college credit.



### AP ART 0104300 AP ART/2-D ART 0109350

1 Credit

11-12

These courses are designed for the highly motivated student who would like to take art at the college level. The work in an AP Art class requires significantly more commitment and accomplishment than the typical high school art program. You will create a portfolio of college-level work and submit it for evaluation to the College Board. All AP Art and Design Portfolios contain two sections. The Sustained Investigation section (IS digital images) requires you to conduct an inquiry-guided investigation through practice, experimentation, and revision. For the Selected Works section (5 physical works), work is expected to demonstrate skillful synthesis of materials, processes, and ideas. For both sections of the portfolio, you are expected to share information about your work and the inquiry that guided your investigation. For the 2-D Art and Design Portfolio you will submit works that demonstrate synthesis of materials, processes, and ideas using 2-D art and design skills. For the Drawing Portfolio you will submit works that demonstrate synthesis of materials, processes, and ideas using drawing skills.



## ACADEMICS: PHYSICAL EDUCATION

1. Students cannot sign up for more than 1.0 credit of P.E. in any one school year, and can only take one P.E. class per semester.

2. Students cannot repeat a P.E. course and receive credit in the class more than once.

3. Students planning on participating in baseball and football programs keep in mind that you may be scheduled in a P.E. class and should not schedule any other P.E. courses except Personal Fitness which is required.

### **BASKETBALL** **1503310 1** **1503315 2**

1 Credit 9-12

Prerequisite: Courses must be taken in sequence.

Basketball teaches basic knowledge and fundamental skills and techniques of the game. Emphasis will be placed on techniques, strategies, rules, safety practices and maintaining and/or improving personal fitness.

### **GOLF** **1504400**

1/2 Credit 9-12

Golf class will consist of the introduction of fundamentals of the sport by participation, videos, and literature. Students will be taught the proper techniques of the swing, putting, and rules and etiquette of the sport.

### **PERSONAL FITNESS** **1501300**

1/2 Credit 9-12

REQUIRED FOR GRADUATION

Personal Fitness is designed to provide students with opportunities to develop an individual optimal level of physical fitness, acquire knowledge of physical fitness concepts, and acquire knowledge of the significance of lifestyle on one's health and fitness.

### **SOCCER** **1503320**

1/2 Credit 9-12

Soccer is designed to provide students with the opportunity to acquire knowledge and skills in soccer. Application of techniques, strategies, rules and safety practices necessary to participate in soccer will be emphasized while maintaining and/or improving their personal fitness.

### **SOFTBALL** **1503330**

1/2 Credit 9-12

Softball is designed to provide students with the opportunities to acquire knowledge and skills in softball that may be used for recreational pursuits while maintaining and/or improving their personal fitness.

### **SWIMMING** **1504460 1** **1504470 2**

1/2 Credit 9-12

Prerequisite: Swimming 1 is a prerequisite for Swimming 2.

Swimming is designed to provide students with the opportunities to acquire strokes and safety practices while maintaining and/or improving their personal fitness.

### **TEAM SPORTS 1** **1503350 1** **1503360 2**

1/2 Credit 9-12

Prerequisite: Team Sports

Swimming is designed to provide students with the opportunities to acquire strokes and safety practices while maintaining and/or improving their personal fitness.

### **TRACK AND FIELD** **1503300**

1/2 Credit 9-12

Track and Field will provide opportunities for students to learn and participate in various track and field events while maintaining and/or improving their personal fitness.

### **VOLLEYBALL** **1505500 1** **1505520 2**

1/2 Credit 9-12

Prerequisite: Courses must be taken in sequence.

Volleyball provides students with opportunities to acquire knowledge and skills in the sport of volleyball while maintaining and/or improving their personal fitness. Emphasis is on skill development through drills and conditioning.

## ACADEMICS: PHYSICAL EDUCATION

### **WATER SAFETY 1504490**

1/2 Credit

9-12

Prerequisite: Swimming 2.

Water Safety provides advanced swimming students with the opportunity to acquire skills and knowledge in water safety activities while maintaining and/or improving their personal fitness.

### **WEIGHTLIFTING COURSES**

#### **1501340 Beginning 1501350 Intermediate 1501360 Advanced**

1/2 Credit

9-12

NOTE: Weightlifting courses must be taken in sequence listed.

Weight Training provides students with opportunities to acquire basic knowledge and skill in weight training, adds to using those skills in the pursuit of physical fitness activities, improves muscular strength and enhances Body image.

## EXCEPTIONAL EDUCATION

### **Exceptional Education**

#### **General Information**

Lake Brantley provides numerous supports, services, and accommodations for students with exceptionality. These students are serviced through an Individual Educational Plan which outlines the students' graduation requirements according to their individual needs. Students serviced by an IEP are each assigned a Case Manager who provides support and guidance to their students, as well as facilitates their annual IEP reviews and three year reevaluations.

#### **Social Personal Skills**

Students with goals in the Domain of 'Social or Emotional Behavior' may be assigned to a Social-Personal Class to learn the skills that will enable them to meet these goals. This course is taught by an ESE teacher, and students will learn about and practice many different skills, including interpersonal communication, self-reflection, self-advocacy, self-regulation, personal responsibility, stress management, and conflict resolution.

#### **Learning Strategies**

Students with goals in the Domain of 'Independent Functioning' which are related to academic skills may be assigned to a Learning Strategies Class. This course is taught by an ESE teacher, and students will learn about and practice many different skills, including organization, scheduling and timeliness, self-advocacy, and engagement with academic resources.

#### **Gifted Education**

Students who have been identified as Gifted will be provided support based upon an Educational Plan. They are often serviced through honors and AP classes unless otherwise requested or if it is deemed academically inappropriate.



## GRADUATION REQUIREMENTS

### Classification of Students

9th Grade Student: One who has been promoted or assigned from eighth grade

10th Grade Student: One who has earned six (6) credits beyond the eighth grade

11th Grade Student: One who has earned twelve (12) credits beyond the eighth grade

12th Grade Student: One who has earned nineteen (19) credits beyond the eighth grade

Students who transfer from other schools may have different requirements and their transcript will be evaluated by a counselor.

### Grade Flagging (Auditing) Policy

Students may audit ("flag") elective courses with the lowest grades from their GPA calculation if they meet the graduation requirement of 26 credits and have met all their core academic requirement. However, there are some restrictions for the senior students. If seniors exceed 10 unexcused absences for a 1/2 credit class, flagging/auditing is NOT AN OPTION.

### Grade Point Average

Seminole County School Board awards weight for Gifted and Honors courses Level 3 (.5 additional Quality Point for grades of A-C for a 1.0 credit course) in addition to the weighting for AP Courses (1.0 additional Quality Point for grades A-C for a 1.0 credit course.)

\*Grade points earned in dual enrollment courses are based on the length of student enrollment in the dual enrollment course and not on the credit earned in the course.

Grading Scale	Standard	Gifted/ Honors/FL Level 3	AP/Advanced Placement
A=90-100	A=4.0 Quality Points	A=4.5 Quality Points	A=5.0 Quality Points
B=80-89	B=3.0 Quality Points	B=3.5 Quality Points	B=4.0 Quality Points
C=70-79	C=2.0 Quality Points	C=2.5 Quality Points	C=3.0 Quality Points
D=60-69	D=1.0 Quality Points	D=1.5 Quality Points	D=1.0 Quality Points
F=0-59	F=0 Quality Points	F=0 Quality Points	F=0 Quality Points

### Seminole County Public Schools Diploma Pathways

In the spring of 2013, the Florida legislator created new diploma options for the students of Florida. In doing so they have offered students more choice, as well as an opportunity to align their education to their future college and career plans. In Seminole County, we refer to these new choices as Diploma Pathways. We call them Pathways because we believe that students should use their time in high school to embark on their own personal Pathway to success. Students may now choose a Pathway that will result in a standard high school diploma, a high school diploma connected with industry certification, a diploma designed to rigorously prepare them for the university, setting, a diploma option in world, languages, or an advanced placement diploma option. Seminole County offers the Florida Seal of Biliteracy, which recognizes a high school graduate, who has attained a high level of competency in one or more of the world languages in addition to English. Beginning with the 2016-2017 school year the Gold seal/Silver Seal of Biliteracy will be awarded to high school students who earn a standard diploma and who earn four world languages course credits in the same world language with the cumulative grade point average of 3.0 or higher on a 4.0 scale and achieve a qualifying score on the world language assessment. The Advanced Placement Capstone Diploma is now being offered in partnership with college board. Students who specialize in advanced placement courses with satisfactory complete the AP seminar, AP research, and for additional AP courses are determined by College Board are eligible for the AP Capstone Diploma. This diploma option is being offered at all Seminole County Public High Schools with the exception of Crooms Academy of Information Technology. In the subsequent chart you will find the Diploma Pathways in the corresponding expectations associated with each one. In addition to those offered by the state of Florida, Seminole County also offers the AP Capstone Pathway and Scholars with Distinction Pathway. These very rigorous Pathways will challenge even the most talented and dedicated students to even higher level of academic accomplishment. Seminole County will start each and every student on the Scholars Pathway. And we want to ensure that students are setting their academic goals, high as they begin high school. Through performance and self-selection, students and their families may opt to change Pathways as they progress through high school. Our goal is to have all students qualified to earn a Scholars Pathway Diploma in the end, regardless of the pathway diploma, we want every student in Seminole County to exit our school system as a graduate. Your administrators and school counselors are available to provide further guidance on what each of the Pathways require.

### Student Progression Plan

Please consult the SCPS Student Progression Plan for information on waivers for the requirements for physical education, fine arts, and specific science courses prior to registration.

## GENERAL INFORMATION

### Technology Use in Learning, Motivation, and Recognition

Seminole County Public Schools believes technology is a valuable educational tool. All classroom teachers use technology as an instructional tool. Some examples of such activities are:

- Use of the Internet to access encyclopedias, magazines, the district’s media/library catalog, web sites for educational projects, on-line district and state classes and to conduct research in preparation for a project or presentation.
- Students are photographed or videotaped for the purposes of daily school news broadcasts and yearbooks. Photographs or videos of students are also placed on school/ district web pages as a form of recognition for special achievements, activities projects and as a motivation to be creative.
- Student works are published on the Web (Internet) to share stories, poems and other creative works with other students and the school community and to provide motivation for writing.

If you wish to have your student excluded from any of the preceding activities, exclusion (opt-out) forms are available on the district website and at your student’s school.

### Education Equity - Notice of Nondiscrimination

The Educational Equity Administrator for Seminole County Public Schools has the responsibility of assuring compliance with the educational equity requirements by providing technical expertise, monitoring activities or programs related to compliance, and responding to equity complaints. One of the responsibilities is to administer the Educational Equity Complaint/ Grievance Procedures as adopted by the School Board.

It is the policy of the School Board of Seminole County, Florida, that no employee, student, or applicant shall - on the basis of race, color, national origin, sex, disability, marital status, age, religion, or any other basis prohibited by law - be excluded from participating in, be denied the benefits of, or be subjected to discrimination and harassment under any educational programs, activities, or in any employment conditions, policies, or practices conducted by the District. Additionally, the School Board of Seminole County provides equal access to public school facilities for the Boy Scouts of America and other designated youth groups as required by 34 C.F.R. 108.9.

Every employee, student, or applicant for employment at Seminole County Public Schools has a solemn right to be treated fairly, equally, equitably, and with dignity. If for any reason you - the employee, student, or applicant for employment - find that you have been victimized by acts of discrimination and or harassment, whether intentional or unintentional, you are strongly encouraged to file an Educational Equity Complaint or Grievance with the Educational Equity Administrator, or any county or school-level administrator. All such complaints must be immediately forwarded to the Educational Equity Administrator for dissemination, action, and resolution. Forward to: SCPS Educational Equity Administrator, Seminole County Public Schools, Educational Support Center, 400 E. Lake Mary Blvd., Sanford, FL 32773-7127. (407) 320-00198

### NCAA

In order to be eligible to practice and participate in intercollegiate athletic competition and receive an athletic scholarship the first year of attendance, a freshman student entering an NCAA division I or II institution must successfully complete a core curriculum in high school of at least 16 academic courses in grades 9 through 12 and must achieve a minimum grade point average in core curriculum, as well as present a minimum score on the ACT or SAT.

NCAA Eligibility Requirements:

1. Graduate from high school.
2. Students must complete 10 of 16 core courses prior to 7th semester.
3. Student must achieve a minimum 2.3 grade point average (on a 4.0 scale) in the following core curriculum courses:

CURRICULUM	DIV I	DIV II
English Core	4 years	3 years
Math Core (must be Algebra, or higher)	3 years	2 years
Science Core (natural or physical)	2 years	2 years
Social Science Core	2 years	2 years
From English, Math or Science	1 years	3 years
Additional Courses (from any area al:iove, foreign language or comparative religion/philosophy)	4 years	4 years
<b>TOTAL CORE UNITS</b>	<b>16</b>	<b>16</b>

NOTE: Courses taken at the basic or skills level do not qualify as core courses. Liberal Arts Math and Plato courses are not recognized by NCAA.

The key phrase in determining whether any course is a core course is “instructional elements.” Questions concerning these NCAA academic requirements may be directed to the NCAA at [www.eligibilitycenter.org](http://www.eligibilitycenter.org).

\* As scores must be reported directly to NCAA Initial Eligibility Clearinghouse. Clearinghouse code 9999 should be selected when taking SAT’s and ACT’s.

Suggestion: Enroll in the NCAA Clearinghouse at the end of 11th grade.

\*\*All courses retaken for grade forgiveness must be done before the senior year.

### After School Driver Education Program

An after school driver education program is offered each semester at Lyman, Seminole and Winter Springs High Schools. The program includes classroom instruction, range driving and on the road driving. Students must hold a valid Florida Learner’s License to be eligible for the program. Students that successfully complete the program earn .5 credit. The program is open to all students in Seminole County regardless of the high school that they attend.

Students attend classes two days a week, either Monday and Wednesday or Tuesday and Thursday from 3:15-5:15 PM. Transportation is not provided. There is no cost for the program. Applications are available at the high schools

# BRIGHT FUTURES

## Bright Futures

Due to the yearly changes in the Bright Futures Scholarship Program, parents and students are encouraged to visit the following website for updated information: <http://www.floridastudentfinancialaid.org/SSFAD/bf/>

### General Requirements

- Be a Florida resident and a U.S. citizen or eligible non-citizen, as determined by the student's postsecondary institution.
- Complete the Florida Financial Aid Application (FFAA) no later than August 31 after high school graduation.
- Earn a standard Florida high school diploma or its equivalent from a Florida public high school or a registered Florida Department of Education private high school or complete a home education program.
- Not have been found guilty of, or pled nolo contendere to, a felony charge, unless the student has been granted clemency by the Governor and Cabinet sitting as the Executive Office of Clemency.
- Be accepted by, enroll in a degree or certificate program, and be funded at an eligible Florida public or independent postsecondary institution within 2 years from the student's year of high school graduation.
- Be enrolled for at least 6 non-remedial semester credit hours (or the equivalent in quarter or clock hours) per term.
- If not funded in the academic year immediately following high school graduation, apply within two years of high school graduation to have your award reinstated.

### Florida Academic Scholars (FAS) Florida Medallion Scholars (FMS)

Florida high school students who wish to qualify for the Florida Academic Scholars (FAS) award or the Florida Medallion Scholars (FMS) award must meet the following initial eligibility requirements:

- Graduate high school from a Florida public high school with a Florida Standard Diploma (high school graduation requirements), graduate from a registered Florida Department of Education private high school, earn a GED, complete a Home Education program, or graduate from a non-Florida high school (OOS);
- Complete the required high school coursework;
- Achieve the required minimum high school grade point average (GPA);
- Achieve the required minimum score on either the ACT<sup>®</sup> or SAT<sup>®</sup> college entrance exam; and
- Complete the required number of service hours.

### High School Course Credits

For both scholarships, the required coursework aligns with the State University System admission requirements. The world language requirement can be met by demonstrating proficiencies based on scores on Credit-By-Exam Equivalencies, or other university approved means. Otherwise, the high school transcript must include a world language "completer" course to show that the world language requirement has been met. Please refer to the Comprehensive Course Table for specific information on which courses count toward State University System admission requirements.

### High School GPA

Evaluation for Bright Futures includes an unrounded weighted high school GPA (calculated to two decimal places) in the 16 college-preparatory credits. The following courses are weighted .25 per semester course or .50 per year course in the calculation of the GPA: Advanced Placement (AP), Pre-International

Baccalaureate (Pre-IB), International Baccalaureate (IB), Honors, Pre-Advanced International Certificate of Education (Pre-AICE), Advanced International Certificate of Education (AICE) or academic Dual Enrollment. For example, whereas an 'P' equals 4 quality points for an un-weighted year-long course, an 'X' would equal 4.5 quality points for a weighted year-long course.

If necessary, students may use two additional credits from courses in the above academic areas, or from AP, IB, or AICE fine arts courses to raise their GPA. College Entrance Exams

Students must meet the scores set in statute for either the SAT<sup>®</sup> or ACT<sup>®</sup> (see chart on page 3).

- The SAT<sup>®</sup> combined score is the sum of the best Reading (Critical Reading or Evidence-Based Reading and Writing) and Math section scores from any test sitting of the SAT<sup>®</sup>.
- The ACT<sup>®</sup> composite score is the average of the best section scores across the four subject area sections from any test sitting: English, Math, Reading and Science. Composite scores ending in 0.50 will be rounded up to the next whole. The ACT<sup>®</sup> /SAT<sup>®</sup> exams may be taken an unlimited number of times through June 30 of the student's graduation year (or through January 31 for mid-year graduates).
- Students will be evaluated based on official test scores from the Florida Department of Education (FDOE) repository. To ensure OSFA obtains official test scores:
  - Ensure demographics on your test registration and high school transcript match
  - Request your official test scores be sent to one of Florida's 12 state universities, Florida State Colleges, or public high schools when registering for the ACT<sup>®</sup> / SAT<sup>®</sup>.

Students Participating in a Home Education (HE) Program

All students participating in a home education program must be registered with the district for grades 11 and 12. If the student was not registered with the district home education office for grades 11 AND 12, but has the required transcripts and test scores, he/she may be able to apply as a Florida GED Diploma recipient.

## BRIGHT FUTURES

### Gold Seal Vocational Scholars (GSV)

Florida high school students who wish to qualify for the Florida Gold Seal Vocational Scholars (GSV) award must meet the following initial eligibility requirements:

- Graduate from high school with a Standard Diploma (high school graduation requirements);
- Achieve the required weighted minimum 3.0 GPA in the non-elective high school courses;
- Take at least 3 full credits in a single Career and Technical Education program;
- Achieve the required minimum 3.5 unweighted GPA in the career education courses;
- Achieve the required minimum score on the ACT™, SAT™, or Florida Postsecondary Education Readiness Test (P.E.R.T.) exams (see table below); and
- Complete 30 service hours.

### College Entrance Exams

Exam types cannot be combined; a student must qualify based on each sub-test score for a single exam type. Sub-test scores from different test dates may be used to meet the test requirement. Scores taken through June 30 of the student's senior year (for a regular graduate, or January 31 for a mid-year graduate) will be accepted for Bright Futures evaluation. There is no limit to the number of times a student may retake the test, prior to June 30 of the student's graduation year.

Request test scores be sent to one of Florida's 12 state universities, Florida state colleges (public community colleges), or public high schools when the student registers for the ACT™/SAT™ so that test scores will be sent to the Florida Department of Education (FDOE) repository.

### Gold Seal CAPE Scholars (GSC)

The Florida Gold Seal CAPE Scholars award (GSC) may be funded if enrolled in a career education or certificate program. Upon completion of an associate in science degree program that articulates to a bachelor of science degree, a GSC Scholar may also receive an award for a maximum of 60 credit hours toward a bachelor of science degree program. Upon completion of an associate in applied science program, a GSC Scholar may also receive an award for a maximum of 60 credit hours toward a bachelor of applied science degree program.

Florida high school students who wish to qualify for the Florida Gold Seal CAPE Scholars award must meet the following initial eligibility requirements:

- Earn a minimum of 5 postsecondary credit hours through CAPE industry certifications which articulate for college credit; and
- Complete 30 service hours.

These eligibility requirements are subject to change with each legislative session.

### Service Hours

Students must complete service hours during high school and by high school graduation. Service hours may include, but are not limited to, a business or governmental internship, work for a nonprofit community service organization, or activities on behalf of a candidate for public office. Except for credit earned through service-learning courses, the student may not receive remuneration or academic credit for service work performed. The hours must be documented in writing, and signed by the student, the student's parent or guardian, and a representative of the organization.

Each district school board and the administrators of a nonpublic school must establish approved activities and process for documentation of service hours. The student must identify a social or civic issue or professional area, develop a plan for personal involvement in addressing the issue or learning about the area, and through papers or other presentations, evaluate and reflect upon the experience.

Based on a 2022 update to the Bright Future's eligibility requirements, students may now use 100 Work Hours in place of Community Service hours. Students must document these hours using the approved SCPS form. Students should see their School Counselor for additional information.

### Helpful Links

#### Bright Futures

<http://www.floridastudentfinancialaid.org/ssfad/bf/>

#### Bright Futures Handbook

<http://www.floridastudentfinancialaid.org/ssfad/PDF/BFHandbookChapter2.pdf#page=5>

#### Financial Aid /FAFSA)

<https://fafsa.ed.gov/>

#### Colleges/Scholarships/Financial Aid/ Student Loans/Career Planning

[www.fastweb.com](http://www.fastweb.com)

#### The College Admissions and Student Aid Resource Hub

<http://inlikeme.com/>

#### ACT

[www.act.org](http://www.act.org)

#### SAT

[www.collegeboard.org](http://www.collegeboard.org)

# SCPS WHAT'S YOUR E?



\*In order to provide equitable access to a premier education for ALL students and increase high school College and Career Acceleration to 100% at every Seminole County high school beginning with the Class of 2025, students must be provided with opportunities for advanced coursework and career-based opportunities that will ensure future success regardless of their chosen pathway.

# SCPS HIGH SCHOOL PROGRAM OF EMPHASIS

On Time Application  
Period opens  
**FEBRUARY 1,**  
**2024**

## HIGH SCHOOL PROGRAMS OF EMPHASIS

- Programs of Emphasis provide a focused area of study centered around a career pathway.
- Students who are zoned for the school may select a Program of Emphasis via course scheduling and should speak with a school counselor.
- A limited number of seats in the programs listed in this guide may be available for 9th-12th grade students who are not zoned to the school.
- Acceptance into a program of emphasis for students applying for grade ten and above is contingent upon a school based administrative review of their transcripts.

	ACADEMY OF ADVANCED LEARNING TECHNOLOGIES (C)	Hagerty High School	The Academy of Advanced Learning Technologies includes programs related to artificial intelligence, modeling & simulation, and computer science. Students participating in one or more of the academy programs will have opportunities to earn industry certifications that will promote post-graduation success in the industry, college/university, and/or military.
	ACADEMY OF FINANCE (C/D)	Lake Brantley High School	The Academy of Finance offers a curriculum comprised of finance and business technology including Accounting Applications and Personal Financial Planning.
	CREATIVE DESIGN & ENTERTAINMENT (C)	Lake Brantley High School	Students who participate in the Creative Design & Entertainment Program have the opportunity to develop their artistic and digital skill sets while preparing for a future career. Currently, the program includes the following pathways: Digital Photography Technology, 3D Animation Technology, Interior Design, and Digital Audio Production.
	CYBERSECURITY (C)	Lake Howell High School	The Cybersecurity program curriculum introduces and prepares students for careers in computer science and cyber-defense in multiple industries.
	BUSINESS & ENTREPRENEURSHIP (C/D)	Lake Howell High School	The Business & Entrepreneurship program curriculum introduces the broad spectrum of business, industry, and small business initiatives. Students will develop the fundamental knowledge and skills necessary to start and operate a business. This program includes opportunities to earn dual enrollment credit or an Associate in Arts degree in Business from Seminole State College.
	CULINARY (C)	Lake Howell High School	The Culinary Arts Program allows students to explore all facets of the culinary field, including entrepreneurship, in an industry-standard commercial kitchen. This program includes industry certification.

**C** = Program Includes the Potential for Industry Certification

**D** = Program Includes the Potential for Dual Enrollment Credits

**P** = Pre-Apprenticeship Opportunity

Apply at [HTTPS://SCPSFLC.SCRIBORDER.COM](https://scpsflc.scriborder.com)



## SCPS ePATHWAYS AFTER-SCHOOL COURSES



### **AFTER-SCHOOL COURSES**

**SCPS offers several after school Career and Technical Education (CTE) courses for high school credit.**

**Courses in Applied Robotics, Automotive, Culinary, Maintenance and Light Repair, Aviation, Cosmetology, Electrical, HVAC, Welding, and Technical Design will be offered for the 24-25 school year\***

**Students can attend an after school course at any of the participating high schools regardless of the high school they currently attend.**

**Transportation is not provided.**

**Courses meet from 3:30-5:30 on Tuesdays and Thursdays unless otherwise noted. \*Please note that courses are subject to cancellation due to low enrollment or change in instructor availability.**

**SCAN OUR QR CODE TO VIEW OUR DETAILED CTE AFTER SCHOOL COURSE GUIDE**



## PREMIER EXPERIENCES



### DID YOU KNOW?

Our students have the advantage of premier experiences in SCPS, like Advanced Placement, Dual Enrollment (Academic and Career), Industry Certification, International Baccalaureate (WSHS and SHS), or two years of ROTC and taking the ASVAB exam?

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### BEFORE SIGNING THE REGISTRATION CARD ASK YOUR CHILD...

? *What premier experience is planned in your schedule next year?*

? *How do the courses you selected prepare you for*

 **WHAT'S YOUR**  **Enrollment**

 **WHAT'S YOUR**  **Enlistment**

**WHAT'S YOUR**  **Employment** 

*or any combination of the three?*

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These two questions support your child in earning a meaningful diploma as they acquire the knowledge, skills, and attitudes to be productive citizens with high-skill, high-wage careers.

Do you have questions? Contact your school counselor for more information.





# COOPERATIVE EDUCATION-OJT



**Enrollment:** Students seeking enrollment in a cooperative education program generally fall into the following categories:

- Students who have specific career objectives and desire “work experience” in that field.
- Students who want to gain experience in a specific field but remain undecided regarding a career choice. There are OJT options available for each career cluster.
- Students who have a need for financial assistance.

**Responsibilities of the student:** ☒

- Sign and abide by required agreements and forms
- Maintain accurate records of hours worked and earnings
- Demonstrate the employability skills essential for success on the job
- Follow safety rules and instructions
- Demonstrate an understanding of the Child Labor Laws
- Discuss any employment-related problems that occur with the teacher/coordinator
- Be a positive representative of the school, the community, and the career and technical student organization (CTSO) when provided
- Complete a time card document monthly for the school, listing the hours, days, and weekly/monthly totals for their training site

**\*U.S. Department of Labor laws must be followed. The time card is the official audit record for the school and is an important document needed for attendance.**



# SCPS SEMINOLE COUNTY VIRTUAL SCHOOL

## VIRTUAL SCHOOL



Virtual schools provide a high-quality education along with flexible options to meet the demanding schedule of the 21st-century student. Seminole County Virtual School (SCVS) is a Florida Virtual School franchise that uses courses created or purchased by SCVS.

Students may attend SCVS full-time or part-time. Full-time options allow students to earn a standard Florida high school diploma. Full-time enrollment in SCVS occurs during two windows, which are published on the SCVS website. Part-time enrollment NEVER closes, and students may enroll in classes throughout the school year. Virtual classes can be taken in multiple ways, including outside of the school day, during the school day at home, or at the student's school in a virtual lab (pending space availability). Additionally, the district may offer virtual course enrollment over the summer (SCVS 365).

### ***Why should students select a Seminole County Virtual School over other virtual providers?***

- \*Schedule flexibility
- \* Full-time local teachers
- \*No waiting list to start classes
- \*Optional face-to-face sessions
- \*Tax dollars stay in Seminole County

***For more information, please visit [www.scvs.us](http://www.scvs.us) or call 407-871-7287.***

### ***What high school courses are available through Seminole County Virtual School?***

Courses with a \* are available at both Standard and Honors levels; H = honors class

<b><u>Math:</u></b>	Algebra I*, Geometry*, Algebra II*, Pre-Calculus (H), Calculus (H), AP Calculus AB, AP Calculus BC, AP Statistics, MJ Math Suite, Probability and Statistics Honors, AP Statistics, Math for Data and Financial Literacy, Math for College Liberal Arts
<b><u>Language Arts:</u></b>	English I*, English II*, English III*, English IV*, English IV College Prep, AP English Language, AP English Literature
<b><u>Social Studies:</u></b>	World History*, AP World History, U.S. History*, AP U.S. History, Economics*, AP Macroeconomics, AP Microeconomics, U.S. Government*, AP U.S. Government, AP Human Geography, Psychology, Law Studies
<b><u>Sciences:</u></b>	Biology I*, AP Biology, Earth Space Science*, Chemistry*, Physics*, Marine Science*, Physical Science*, Anatomy & Physiology*, Forensic Science, Environmental Science, AP Environmental Science
<b><u>World Languages:</u></b>	Spanish I, II & III* IV*, AP Spanish Language, American Sign Language I, II, III*, IV*
<b><u>Electives:</u></b>	Many options, including Journalism, Personal Fitness/Fitness Lifestyle Design, Art, Guitar, AP Art History, AP Computer Science Principles, Driver's Ed, Hospitality & Tourism Management, Procedural Programming, and much more! See the website for a complete list.

# LAKE BRANTLEY HIGH SCHOOL

## Program Opportunities

### EDUCATION

#### Advanced Placement

- AP English Literature and Composition
- AP Art History
- AP Art 3D & 2D
- AP English Language and Composition
- AP Calculus A/B
- AP Computer Science A, Principles
- AP Statistics
- AP Biology
- AP Physics 1, 2, C
- AP Chemistry
- AP Environmental Science
- AP World History
- AP U.S. History
- AP Macroeconomics
- AP Psychology
- AP Comparative Government and Politics
- AP European History
- AP Human Geography
- AP Spanish Language
- AP Spanish Literature
- AP German Language
- AP French Language
- AP Latin
- AP Capstone (Research and Seminar)

#### Academy of Creative Design & Entertainment

Students have the opportunity to develop their artistic and digital skill-set while preparing for a future career. For the 2023-2024 school year, students can choose from four available pathways 3D Animation, Digital Audio Production, Digital Photography, and Interior Design! This program includes industry certification.

#### Academy of Finance

The academy was created in 1994 as a result of Lake Brantley High School's commitment to expanding relevant educational opportunities. The program offers a unique experience for students to focus on the financial industry.

### EMPLOYMENT

#### Career & Technical Ed

Career and Technical Education programs are a vital component of College and Career readiness efforts to prepare graduates for high-wage, high-demand employment. CTE programs empower students to identify and pursue a passion while also strengthening their collaboration, problem-solving, leadership, and entrepreneurship skills.

#### LBHS CTE PROGRAMS

- ACCOUNTING
- COSMETOLOGY
- DIGITAL DESIGN
- EARLY CHILDHOOD ED
- TV PRODUCTION
- WASTEWATER ENV. TECH

#### Industry Certifications Possible

- ADOBE BUNDLES
- AUTOCAD
- CDA
- COMPTIA
- ENTREPRENEURSHIP
- MAYA
- MICROSOFT
- PHOTOSHOP
- QUICKBOOKS
- SERVSAVE
- TOONBOOM

\*Certs subject to change by program

### ENLISTMENT

#### Air Force JROTC

- Anyone can join AFJROTC
  - There is no obligation to join the military
  - The Air Force uniform is worn one day per week
- Physical Training (PT) is part of the Wellness Program and has a separate uniform Standards of Conduct are enforced, hair styles/cuts must conform to USAF Regulations. AFJROTC uniforms are supplied to the students free of charge.
- Opportunities include earning community service hours, Cyber certification, Pilots license scholarships
  - AFJROTC Teams include Color Guard, Drill Team, Marksmanship, CyberPatriot, StellarXplorers, Raiders and other teams.
  - Two years in ROTC waives the one-half elective credit requirement in Physical Education, not Personal Fitness and with a grade of "C" or better waives the one credit Fine Art requirement.

#### EMBRY-RIDDLE DUAL ENROLLMENT OPPORTUNITY (ON-CAMPUS)

# Notes



# Notes

# Notes

**Cover Design:**  
**Christanto Coldspring, 12**  
**Digital Design 2**

**Guide Design:**  
**Raegan Criss, 10**  
**Digital Design 2**