

# Lakewood Ranch High School



**Curriculum  
Guide 2024-2025**

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# 2024 – 2025 Curriculum Guide

## Registration Guidelines

Study the courses in the curriculum guide and discuss possible choices with your teachers as you meet with them during the registration period.

Discuss your course selections with your parents or guardians. Acquire signature.

Pay close attention to the course requirements outlined in the curriculum guide as you make your class selections. Make sure you are meeting the prerequisites for any of the courses you choose.

Teachers will make initial recommendations based on current academic performance; however, final course placement will be made based on academic history and the results of state assessments.

When completing your registration form, indicate your elective choices by listing them in priority order. Every effort is made to give you your top choices; however, alternate course selections must be made if there is a scheduling conflict. If you do not choose alternate courses, one or more will be selected for you and will not be changed later. ALL students must have a complete schedule. (3.5 credits per semester)

## Course Cancellation

Lakewood Ranch High School reserves the right to drop any course due to insufficient enrollment, lack of instructional materials, and/or teacher certification.

## Schedule Change Policy

The registration process takes place in the spring, at which time faculty and staff counsel with students. The process includes input from students, parents, teachers, counselors, and administrators. The school's master schedule is built, and new staff is hired based on registration requests. Students are expected to honor their commitments and to attend and complete the courses they request during the registration period. Requests for schedule changes, therefore, will be considered ONLY during the schedule change window AND FOR THE FOLLOWING REASONS:

- Student has already earned credit for the course.
- Student has failed to meet the prerequisite for the course.
- Student is scheduled for too many or not enough courses.
- The course is required for program completion.
- There is a District directive regarding course progression.

## Level Changes

A level change is appropriate only if it is determined that the student is either above or below the current class's academic level. The decision to change levels is made by the teacher, parent, administrator, and student. If a level change is appropriate, the procedure below should be followed:

Before the level change process may begin, the student must have completed all homework, assignments, and tests to the best of his/her ability and must have sought assistance from the teacher.

Level changes may be made up until the first quarter progress report date or at the beginning of the second semester.

The letter grade at the time of the level change accompanies the student to the new class. Level changes are for core classes only.

The School District of Manatee County does not tolerate discrimination or harassment on the basis of race, sex, sexual orientation, color, religion, age, national origin, or disability. The district has designated the Director of Student Services to facilitate the district's compliance with federal nondiscrimination laws. Written complaints of discrimination or harassment may also be filed with:

Human Resources  
Department School District of Manatee County  
P. O. Box 9069, Bradenton, FL 34206

### **Educational Enhancement**

In some courses, there may be occasional requests for fees to provide educational enhancement. No student shall be denied the opportunity to participate fully in these classes because of an inability to pay. In such circumstances, please notify the teacher.

### **Enhanced Instruction for Non-Proficient Students**

Students must earn a Level 3 or higher in reading and/or math on the previous year's state assessment. Students who do not meet the criteria may be required to receive enhanced instruction through a course that will assist in building the student's skills and mastering standards.

### **Manatee Virtual School**

Manatee Virtual School (MVS) is Manatee County's virtual school alternative. With MVS, students in grades 6-12 can register for up to three virtual courses if currently attending a Manatee County School. MVS can be used for credit recovery, acceleration, and scheduling conflicts. For more detailed information, please visit the [MVS website](#).

### **Florida Virtual School**

Students can earn high school credit each year through Florida Virtual School. Students should be self-motivated and task-orientated to complete these types of courses. Visit <http://flvs.net> for course and enrollment information. Counselor approval is required.

### **Graduation Requirements**

To earn a standard diploma in Manatee County, a student must meet the academic requirements set forth by the State of Florida. These requirements are based on the year a student enters ninth grade. Occasionally, requirements are revised. Review the chart on the following page to learn what is necessary for a student to earn a high school diploma.

### **Physical Education (HOPE) Waiver Options**

A student can waive the HOPE requirement in one of two ways:

Participation in two seasons of an interscholastic sport at the Junior Varsity or Varsity level.

Completion of two years in a Junior Reserve Officer Training Corps (JROTC) course. This will waive the full credit in HOPE and the full credit in performing arts.

### **Practical or Performing Arts/CTE**

In addition to all music, art, drama, and speech courses, the following courses meet the one credit required in a performing art:

Introductory Horticulture 2	Robotic Design Essentials	Media Integration Essentials
Horticultural Science 3	Advanced Technology Applications	Game & Simulation Foundations
Television Production Technology 1 - 4	Digital Information Technology	Game & Simulation Design
Early Childhood Education 3	Marketing Essentials	Game & Simulation Graphic Artist
Applied Engineering Technology 1 or 3	Foundations of Web Design	Journalism 1
Foundations of Robotics	User Interface Design	

## Graduation Requirements, cont'd

Florida Department of Education

<b>Graduation Requirements</b>		
Subject Area	24 Credit Program	ACCEL Program/Diploma Designations
English/Language Arts (ELA)	4 credits in ELA 1, 2, 3, 4 ELA Honors, AP AICE, IB, and dual enrollment courses may satisfy this requirement (must pass the Grade 10 FAST)	ACCEL Program (18 credits minimum)
Mathematics	4 credits, one of which must be Algebra 1 and one of which must be Geometry (Algebra 1 EOC results count 30% of the final course grade and must be passed to earn a standard diploma; Geometry EOC results count 30% of final course grade)	Physical Education is not required. 3 elective credits All other graduation requirements for a standard diploma must be met.
Science	1 credit in Biology 1 (Biology EOC results count 30% of the final course grade) 2 credits in equally rigorous science courses 2 of the 3 required science credits must have a laboratory component	Scholar Designation
Social Studies	1 credit in World History 1 credit in U.S. History (U.S. History EOC results count 30% of the final course grade) 0.5 credit in U.S. Government 0.5 credit in Economics	In addition to meeting the standard high school diploma requirements:  1 credit in Algebra 2 1 credit in Statistics or an equally rigorous mathematics course Pass the Biology 1 EOC Assessment 1 credit in Chemistry or Physics 1 credit in a course equally rigorous to Chemistry or Physics Pass the U.S. History EOC Assessment
World Languages	Not required for graduation but are required for admission to state universities and to qualify for Bright Futures.	2 credits in the same world language Earn at least one credit in AP, IB, AICE, or a dual enrollment course.
Fine and Performing Arts, Speech and Drama, or Practical Arts	1 credit in fine or performing arts, speech, and debate, or practical arts (eligible courses specified in the Florida Course Code Directory)	Merit Designation
Physical Education	1 credit in physical education to include the integration of health (HOPE)	In addition to meeting the standard high school diploma requirements: Attain one or more industry certifications from the list established under section 1003.492, Florida Statutes (F.S.)
Industry Certification	Not required	
Electives	8 credits	Testing
Grade Point Average	Cumulative GPA of 2.0 on a 4.0 scale	Passing score on the Algebra I EOC and the Grade 10 FAST.
Personal Finance & Money Management	0.5 Credit for the Class of 2027 and Beyond	
Special Notes: EOC - End of Course Assessment; AP – Advanced Placement; AICE – Advanced International Certificate of Education; IB – International Baccalaureate.		

## Grading Scale

The following is the current grading scale in Manatee County Schools for grades 9-12:

A	90	-	100
B	80	-	89
C	70	-	79
D	60	-	69
F	0	-	59

Students receive both a letter grade and a numerical percentage for each nine-week period, for the semester examination, and for the final semester grade. The final semester grade will appear on the student's transcript. Progress reports are issued at the midpoint of each grading period. Parents may access student grades online through FOCUS.

## Achievement Levels

Courses at Lakewood Ranch High School are provided for each student's developmental level. A multi-level structure has been established to provide for differences and individualized instruction. Honors, Advanced Placement, and Dual-Enrollment courses are designed for highly motivated students with above-average achievement. Students must meet all prerequisites to participate.

## Weighted Courses

Classes designated as Honors, Dual-Enrollment, or Advanced Placement will receive weighted as below:

Grade	Dual-Enrollment & AP	Honors
A	5	4.5
B	4	3.5
C	3	2.5
D	2	1.5

## Testing

End of Course Exams (EOC), FAST

Florida State Assessments, or achievement tests, are given to all students pursuing a high school diploma. There are two main types of Florida State Assessments: EOCs and the FAST exams in ELA. Computer-based end-of-course (EOC) assessments are administered at the end of specific high school courses. EOC requirements may be waived for some exceptional student education (ESE) students. FAST assessments are administered triennially in grades 9 and 10.

PSAT/NMSQT

The Preliminary Scholastic Aptitude Test (PSAT) is offered to students in October. All 11th-grade students are encouraged to take the PSAT, allowing them to become eligible to enter the National Merit Scholar Competition based on their test scores. Students can be recognized as semi-finalists, finalists, and/or National Merit Scholars. Students who become National Merit Scholars are often eligible for scholarships from both the National Merit organization and/or their post-secondary institution.

SAT AND ACT

Information, including test dates, registration deadlines, and test fees for both the SAT and ACT, is available online. The web address for the SAT is [www.collegeboard.org](http://www.collegeboard.org) and the ACT is [www.act.org](http://www.act.org). When registering for either test, students will need the CEEB code for Lakewood Ranch High [School](#) which is 100162.

Classic Learning Test (CLT)

Information including test dates, registration deadlines, and test fees is available online. Beginning spring 2025 the CLT will be offered to all 11<sup>th</sup>-grade students. The web address for the CLT is <https://www.cltexam.com/clt-florida/>

ASVAB

The Armed Services Vocational Aptitude Battery (ASVAB) is a test that measures developed abilities and helps predict future academic and occupational success in the military. It is administered annually.

## Industry Certifications

LRHS offers students the opportunity to earn valuable, nationally recognized Industry Certifications in all Career and Technology Education (CTE) elective classrooms. Through our programs, we link the world of education with the world of work. Our teachers and staff provide leadership, support, and resources to prepare students with the necessary technical skills, student leadership, career focus, and academic excellence needed to succeed in both careers and post-secondary education while meeting local workforce needs.

## National Collegiate Athletic Association (NCAA)

The initial eligibility standards for the college-bound student-athlete are different from general graduation requirements and can be significantly more rigorous. Please refer to [http://web1.ncaa.org/ECWR2/NCAA\\_EMS/NCAA.jsp](http://web1.ncaa.org/ECWR2/NCAA_EMS/NCAA.jsp) for more information or contact the Athletic Director if you are considering playing athletics at the collegiate level.

## Florida Shines

Florida Shines provides a variety of online services for students from Florida's public high schools, colleges, and universities. Florida Shines' academic advising services make it easy for high school students to prepare for college or a career after graduation. In addition, students can explore Florida's college and university offerings (both traditional and distance learning programs), learn about financial aid, and apply for admission. Dually enrolled high school students and those in accelerated education programs can even access online library resources used within Florida's colleges and universities. For more information, visit [www.floridashines.org](http://www.floridashines.org).

## Florida College System (Community/State Colleges)

Florida's 28 public colleges are open-access institutions. Students are not required to earn a minimum high school GPA or SAT/ACT/CLT score to be admitted. While some colleges within the system have dropped "community" from their name and others have added "state," all colleges retain their open-door admissions policy for students seeking an associate degree. Failure to complete the college preparatory curriculum listed in the previous section does not preclude admission to an institution; however, students who lack this preparation may need to take additional remedial courses after high school graduation.

## State University Admission Policies

Admission to Florida's public universities is competitive. Acceptance is determined by enrollment limitations and qualifications of the freshmen applicant pool. It is recommended that prospective college students apply to more than one university and complete a rigorous curriculum in high school to increase their chances of acceptance. Seniors can apply to all state universities via [Common App](#).

The minimum state-level admission policies have been established for first-time-in-college (FTIC) students and undergraduate students transferring without an AA degree from a Florida College System institution. Admission criteria include but are not limited to (1) high school graduation with a standard diploma, (2) minimum grade point average in high school academic core courses, (3) minimum admissions test scores (ACT, CLT, or SAT), (4) and course distribution requirements (see below). It is important to note, however, that universities are permitted to set higher admission standards and include other factors when making admission decisions.

## High School Course Distribution Requirements

English	4
Mathematics	4 (Algebra I or higher)
Natural Science	3
Social Science	3
World Language	2 (3+ is recommended) (must be in the same language)
Electives	2

The quality of student grades and course selection are the most important factors students can control in preparation for college entrance. In general, the more selective a school or college, the more competitive students must be in terms of courses taken, level, and grades earned.



## Dual Enrollment

The dual enrollment program is the enrollment of an eligible secondary student in a postsecondary course creditable toward high school completion and a career certificate or an associate or baccalaureate degree. It is the responsibility of students to ensure that all required paperwork is completed accurately and thoroughly and submitted well in advance of published deadlines. GPA and test scores are required and vary by program. Students must keep in mind that by enrolling in a dual enrollment course, they are establishing a postsecondary GPA. The grade earned in the course becomes a permanent part of both the high school and college transcript. Universities will consider a student's college GPA when making admission decisions.

Students may take dual enrollment courses through either Manatee Technical College, State College of Florida, or University of South Florida.

### Manatee Technical College

Manatee Technical College (MTC) offers technical training to qualified high school juniors and seniors interested in obtaining a technical skill and have the ability and maturity to benefit from training. While enrolled in MTC, students earn elective credits toward high school graduation. Tuition and most fees are waived. To view a list of current programs, visit [www.manateetech.edu](http://www.manateetech.edu). Students interested in attending MTC must be 16 years of age, have a minimum GPA of 2.0, have earned at least 11 high school credits, and submit a completed high school application to their high school counselor by MTC's posted deadline date.

### State College of Florida & University of South Florida

Specific steps for each dual enrollment program can be found on the [LRHS website](#). Students must complete all steps in the process to enroll in courses. Please note, that the criteria for both SCF and USF Dual Enrollment are subject to change.

Verify eligibility requirements for the program you are interested in. See the Dual Enrollment Chart on the next page. If there are no qualifying test scores, register to take ACT ([act.org](http://act.org)), SAT ([collegeboard.org](http://collegeboard.org)), or PERT. Test scores must be accessible to SCF or USF by the application deadline.

Complete the appropriate application for the institution in which you are planning to enroll and submit all supporting documentation needed before the deadline. Failure to do so will prevent students from participating in dual enrollment.

Students are required to be enrolled on a full-time basis to include seven courses each semester or the equivalent through a combination of high school and college classes.

Students must be academically motivated to accept the challenge of college-level work.

If a student earns a W, D, or F in any SCF course or a W, C, D, or F in any USF course, they will not be eligible for any dual enrollment programs the following semester. Students wishing to enroll in dual enrollment courses must have all applications, approval forms, and placement testing completed by the following deadlines. These deadlines are for both SCF and USF.

### Deadlines to apply for dual enrollment:

Fall 2024: May 5, 2024

Spring 2025: November 15, 2024

SCF or USF will not accept any applications, test scores, or approval forms after these dates. Interested students need to contact their high school counselor well before these dates to ensure that deadlines are met. For additional information about the dual enrollment program, visit the [SCF Early College website](#) or the [USF Dual Enrollment website](#).



Program	Dual Enrollment	Early Admission	Accelerated Dual Enrollment (ADE)	Dual Enrollment
Prerequisite Courses	Successful completion of 10 high school credits before the first semester of DE. Must include 2 English credits and 2 math credits.	Successful completion of 18 high school credits before the start of the first semester of DE. Must include 2 English credits and 2 math credits (Algebra and Geometry or higher).	Successful completion of 2 English credits and 2 math credits (Algebra and Geometry or higher). Must have passed the Grade 10 FAST and Algebra 1 EOC.	N/A
GPA Requirement	3.0 Unweighted	3.0 Unweighted	3.3 Unweighted	3.5 Weighted
Test Scores Requirement	SAT Reading Subtest - 24 SAT Writing Subtest - 25 SAT Math Subtest - 27	SAT Reading Subtest - 24 SAT Writing Subtest - 25 SAT Math Subtest - 27	SAT Reading Subtest - 24 SAT Writing Subtest - 25 SAT Math Subtest - 27	SAT EBRW - 560 SAT Math - 530*
	ACT Reading - 19 ACT English - 17 ACT Math - 21*	ACT Reading - 19 ACT English - 17 ACT Math - 21*	ACT Reading - 19 & English - 17 ACT Math - 21*	ACT Reading - 21 ACT Math - 21*
	PERT Reading - 106 PERT Writing - 103 PERT Math - 123*	PERT Reading - 106 PERT Writing - 103 PERT Math - 123*	PERT Reading - 106 PERT Writing - 103 PERT Math - 123*	PERT Reading - 106 PERT Writing - 103 PERT Math - 123*
Deadline	Summer/Fall - May 5th Spring - November 15th	Summer/Fall - May 5th Spring - November 15th	Summer/Fall - May 5th Spring - November 15th	Fall - May 5th Spring - November 15th
Grade Level	10th - 12th	12th Only	11th - 12th (must begin in Junior year)	10th (Math only), 11th - 12th
Location of Classes	Any SCF Campus and online	Any SCF Campus and online	Any SCF Campus and online	LRHS Campus or USF Campus Maximum number of courses that can be taken on the high school campus is four
Course Load	May not exceed 11 credit hours per term. (Fall/Spring). A balance of courses must be taken on the high school campus	Minimum of 12 credit hours but may not exceed 15 credit hours per term. (Fall/Spring).	Must take 15 credit hours per term (Fall/Spring).	No more than 6 credit hours in the initial term of enrollment. After the first term, may take no more than 11 hours

Continuing Eligibility	Must maintain a high school GPA of 3.0 and college GPA of 2.0 (unweighted) and must earn a C or better in each college course. Students who earn less than a C, withdraw, or are withdrawn from any dual enrollment course are ineligible to participate in DE through any institution the following semester	Must maintain a high school GPA of 3.0 and college GPA of 2.0 (unweighted) and must earn a C or better in each college course. Students who earn less than a C, withdraw, or are withdrawn from any dual enrollment course are ineligible to participate in DE through any institution the following semester	Must maintain a high school GPA of at least 3.0 (unweighted) and maintain a college term GPA of at least 2.0	Must maintain at least a C (2.0) average in dual enrollment courses and maintain a weighted GPA of 3.3 GPA on high school transcripts including dual enrollment course final grades
Application	Online SCF Early College Application	Online Early College Application	Online SCF Early College Application	Online USF Non-Degree Seeking Application
*The math scores listed above meet the minimum college-level math requirement. Higher scores are required for upper-level math courses.				
The eligibility requirements for all dual enrollment programs are subject to change pending final approval of the Articulation Agreements.				

### Advanced Placement

Advanced Placement (AP) is the enrollment of an eligible student in a course offered by the Advanced Placement Program administered by the College Board. Postsecondary credit for an AP course may be awarded to students who score a minimum of 3 on a 5-point scale on the corresponding AP exam following the policies of the receiving college or university. Students shall be exempt from the payment of any fees for AP courses in which they are enrolled, including fees for administration of the AP examination, regardless of whether the student achieves a passing score. Students requesting to take AP exams for courses in which they are not currently enrolled must pay for the cost of the AP exam.

A student must have a 3.0 grade point average and have earned level 3 or higher on the FAST, passed a nationally normed standardized test, or earned the required comparative/concordant score within the last two years to be eligible to participate in Advanced Placement. Students who request an AP course and meet the prerequisite for the course are expected to uphold their year-long commitment. Each school will determine policies regarding schedule changes and AP courses will be treated according to the established rules. Students may withdraw from an AP course through the end of Quarter 1. All students enrolled in an AP course must complete the Advanced Studies Contract and sit for AP Exams. Students who fail to sit for exams or who withdraw after the ordering deadline will incur a \$40 restocking fee.

### Dual Enrollment vs. Advanced Placement

The choice as to which, if any, college acceleration program one participates in is up to the student. Students, along with the help of parents, need to research the universities of their choice and see what the university will accept. Not every university will give the same credit for AP exam scores or Dual Enrollment courses. Some things that should be considered before deciding between Dual Enrollment and AP courses are (1) If applying to out-of-state schools or some of the highly competitive in-state schools, it may be advantageous to take as many AP courses as possible. (2) If attending SCF after graduation, students may want to consider taking Dual Enrollment courses that meet the AA or AS degree requirements. (3) If applying to a four-year university that is moderately selective, a mixture of both Dual Enrollment courses and AP may be acceptable.

## Comparison of DE and AP

Dual Enrollment	Advanced Placement
Instructors have a master's degree with 19 graduate credit hours in content area.	Teachers are certified by the College Board.
Students receive college credit if their final grade is "C" or higher.	Students receive college credit only by passing the standardized AP exam.
College credit accepted by the State University System with passing grade.	College credit acceptance by State University System is dependent on AP exam score and major.
The final grade earned becomes a permanent part of both the high school and college transcript.	

### AP Capstone

Lakewood Ranch High School has been approved by the College Board to offer the AP Capstone Diploma program. The AP Capstone Diploma is an innovative diploma program that equips students with independent research, collaborative teamwork, and communication skills that are increasingly valued by colleges. AP Capstone students who have demonstrated outstanding college-level achievement in AP Seminar, AP Research, and four additional AP courses are recognized with this diploma. For more information about the AP Program and the AP Capstone Diploma please visit <https://apstudent.collegeboard.org>.

### Bright Futures Scholarship Program

The Florida Bright Futures Scholarship program consists of three scholarships funded through lottery dollars and awarded to eligible Florida high school graduates planning to continue their education at any eligible Florida post-secondary institution. See the next page for the eligibility chart. For the most current information on the program, visit the Bright Futures website at [www.floridastudentfinancialaidsg.org/](http://www.floridastudentfinancialaidsg.org/)

**Florida Bright Futures Scholarship Program, cont'd**

*Florida Department of Education*

Scholarship Name	Florida Academic Scholars Award (FAS)	Florida Medallion Scholars Award (FMS)	Florida Gold Seal Vocational Award (GSV) Funding is only allowed for enrollment in vocational diplomas, degrees, or certificates.
Grade Point Average (GPA)	3.5 weighted GPA using the credits listed below:	3.0 weighted GPA using the credits listed below:	3.0 weighted GPA using the 16 core credits required for high school graduation (listed below) and a 3.5 unweighted GPA in a minimum of three vocational credits within one program.
<p>Evaluation for Bright Futures includes an unrounded, weighted high school GPA (calculated to two decimal places). The following courses are weighted .25 per semester course or .50 per year course in the calculation of the GPA: Advanced Placement (AP), Honors, or academic Dual Enrollment. For example, whereas an 'A' equals 4 quality points for an un-weighted course, an 'A' would equal 4.5 quality points for a weighted course.</p>			
Required Credits	<p>Courses must include 16 credits of college preparatory academic courses.</p> <p>4 English 4 Mathematics (Algebra 1 and higher) 3 Natural Science 3 Social Science 2 Foreign Language (in the same language)</p> <hr/> <p>16 Credits</p> <p>May use up to two additional credits from courses in the academic areas listed above to raise the GPA.</p>	<p>Courses must include 16 credits of college preparatory academic courses.</p> <p>4 English 4 Mathematics (Algebra 1 and higher) 3 Natural Science 3 Social Science 2 Foreign Language (in the same language)</p> <hr/> <p>16 Credits</p> <p>May use up to two additional credits from courses in the academic areas listed above to raise the GPA.</p>	<p>Courses must include the 16 core credits required for high school graduation.</p> <p>4 English 4 Mathematics (including Algebra 1) 3 Natural Science 3 Social Studies (US History, World History, US Govt. &amp; Economics) 1 Fine or Performing Art 1 HOPE</p> <hr/> <p>16 Credits</p> <p>Plus, a minimum of three Vocational Job-Preparatory or Technology Education Program credits in one vocational program.</p>
Community Service/Work	100 hours	75 hours	30 hours
Test Scores	Test scores can vary based on grade level and may be updated each year. The most up-to-date information can be found on the Bright Futures website.	Test scores can vary based on grade level and may be updated each year. The most up-to-date information can be found on the Bright Futures website.	<p>PERT: Reading 106 Writing 103 Math 114 SAT: Critical Reading 440 Math 440 ACT: English 17 Reading 19 Math 19</p>
<p>Eligibility requirements are subject to change pending legislative action regarding criteria and funding. For more information, visit the Bright Futures website at <a href="http://www.floridastudentfinancialaidsg.org">www.floridastudentfinancialaidsg.org</a></p>			

## Advanced Placement

### AP 2-D ART & DESIGN (0109350)

GRADE LEVEL: 10,11,12 CREDIT: 1.0

PREREQUISITE: *Drawing I or Paint 1 and written permission from the instructor.*

The AP Studio Art course is for students interested in a rigorous and focused study of art. Students will develop a quality portfolio that demonstrates a mastery of concept, composition, and execution in 2D design. Individual artwork will be evaluated for quality, depth, discovery, and demonstration of superior knowledge of art principles and techniques. The course is based on a student creating a body of work that demonstrates quality, concentration, and breadth. This portfolio will be submitted to the College Board for college credit. This full-year weighted art course allows students to pursue college-level coursework. As in any college-level course students will be expected to spend a considerable amount of time outside of class to complete assignments and do homework and sketchbook assignments. Summer assignments will be required. College credit may be earned through a satisfactory score on the AP College Board Test for AP Studio Art, which requires the submission of a portfolio. **There will be a materials fee for this course.**

### AP 3-D ART & DESIGN (0109360)

GRADE LEVEL: 10,11,12 CREDIT: 1.0

PREREQUISITE: *Ceramics 1 or Fine Craft 1 or experience with SolidWorks or CAD and written permission from the instructor.*

The AP Studio Art course is for students interested in a rigorous and focused study of art. Students will develop a quality portfolio that demonstrates a mastery of concept, composition, and execution in 3D design. Individual artwork will be evaluated for quality, depth, discovery, and demonstration of superior knowledge of art principles and techniques. The course is based on a student creating a body of work that demonstrates quality, concentration, and breadth. This portfolio will be submitted to the College Board for college credit. This full-year weighted art course allows students to pursue college-level coursework. As in any college-level course students will be expected to spend a considerable amount of time outside of class to complete assignments and do homework and sketchbook assignments. Summer assignments will be required. College credit may be earned through a satisfactory score on the AP College Board Test for AP Studio Art, which requires the submission of a portfolio. **There will be a materials fee for this course.**

### AP BIOLOGY (2000340)

GRADE LEVEL: 11,12 CREDIT: 1.0

PREREQUISITE: *3.0 or higher GPA, LEVEL 3 or higher on the FAST, B or higher in BIOLOGY 1 HONORS or an A in BIOLOGY 1, and a B or higher in CHEMISTRY 1 HONORS or an A in CHEMISTRY 1. Instructor approval is required.*

The AP Biology course is designed to be the equivalent of a college introductory Biology course. This course differs significantly from Biology 1 Honors with respect to the kind of textbook used, the range and depth of topics covered, the type of laboratory work, and the time and effort outside of class required of students. The course involves extensive out-of-class reading and study assignments. Required summer assignments are a part of this course. General areas of study include Biological Chemistry, Cytology, Energy Transformations, Molecular Genetics, Heredity, Evolution, Taxonomy, Botany, Zoology, and Ecology. **A lab donation will be requested to help finance laboratory activities.**

### AP CALCULUS AB (1202310)

GRADE LEVEL: 11,12 CREDIT: 1.0

PREREQUISITE: *A in Precalculus Honors or a B in Precalculus Honors with teacher recommendation; A or B in AP Precalculus.*

AP Calculus AB is designed to develop students' understanding of the concepts of calculus and applications of calculus in the real world. A required summer assignment will be due on the first day of class and a graphing calculator will be needed. The College Board will provide the curriculum followed. Topics will include functions, graphs, limits, derivatives, and integrals.

### **AP CALCULUS BC (1202320)**

GRADE LEVEL: 12                      CREDIT: 1.0

PREREQUISITE: *Successful completion of AP Calculus AB exam.*

AP Calculus BC covers all AP Calculus AB topics and introduces integration by parts, Taylor series, parametric equations, polar coordinate functions, and curve interpolations.

### **AP CHEMISTRY (2003370)**

GRADE LEVEL: 11,12                      CREDIT: 1.0

PREREQUISITE: *3.0 or higher GPA, LEVEL 3 or higher on the FAST, B or higher in CHEMISTRY 2 HONORS or placement test, B or higher in ALGEBRA 2 HONORS. PHYSICS 1 Honors are required either before or taken concurrently with this course.*

The AP Chemistry course is designed to be the equivalent of the general chemistry course usually taken in the first year of college. Students attain a depth of understanding of fundamentals, and a reasonable competence in dealing with chemical problems. The course develops students' abilities to think clearly and to express their ideas, orally and in writing, with clarity and logic. This course differs from other chemistry courses offered in high school with respect to the kind of textbook used, the topics covered, the emphasis on chemical calculations and the mathematical formulation of principles, and the type of laboratory work. Quantitative differences appear in the number of topics treated, the time spent on the course by students, and the nature and variety of experiments done in the laboratory. AP Students should spend at least five hours a week in individual study outside the classroom. **A lab donation will be requested to help finance laboratory activities.**

### **AP COMPUTER SCIENCE PRINCIPLES (0200335)**

GRADE LEVEL: 9,10,11,12                      CREDIT: 1.0

PREREQUISITE: *3.0 OR HIGHER GPA, 3 or HIGHER ON THE ALGEBRA 1 EOC AND 3 OR HIGHER ON THE FAST.*

AP Computer Science Principles is an introductory-level AP course for students who are strong in analytical thinking. The purpose of this course is to expose students to different aspects of computers. Students with no programming skills will learn how to program as they write games and apps that do specific tasks. This course will focus on 7 big ideas: The Internet, Programming, Algorithms, Data & Information, Abstraction, Creativity, and Global Impacts. Students will practice effective communication skills as they collaborate, connect computing to the world, create computational artifacts and abstractions, and analyze problems.

### **AP DRAWING (0104300)**

GRADE LEVEL: 10,11,12                      CREDIT: 1.0

PREREQUISITE: *Draw I or Paint I and written permission by the instructor.*

The AP Drawing course is for students interested in a rigorous and focused study of art. Students will develop a quality portfolio that demonstrates a mastery of concept, composition, and execution in Drawing. Individual artwork will be evaluated for quality, depth, discovery, and demonstration of superior knowledge of art principles and techniques. The course is based on a student creating a body of work that demonstrates quality, concentration, and breadth. This portfolio will be submitted to the College Board for college credit. This full-year weighted art course allows students to pursue college-level coursework. As in any college-level course students will be expected to spend a considerable amount of time outside of class to complete assignments and do homework and sketchbook assignments. Summer assignments will be required. College credit may be earned through a satisfactory score on the AP College Board Test for AP Studio Art, which requires the submission of a portfolio. **There will be a materials fee for this course.**

### **AP ENVIRONMENTAL SCIENCE (2001380)**

GRADE LEVEL: 11,12                      CREDIT: 1.0

PREREQUISITE: *3.0 or higher GPA, Level 3 on most recent FAST, B or higher in Algebra I OR 2 Honors and B or higher in Biology 1 Honors, B or higher in Chemistry 1 Honors.*

This course explores and investigates the interrelationships of the natural world and analyzes environmental problems, both natural and human-made.

**Students will take part in laboratory investigations and fieldwork.**

### **AP HUMAN GEOGRAPHY (2103400)**

GRADE LEVEL: 9,10,11,12      CREDIT: 1.0

PREREQUISITE: *3.0 or higher GPA, LEVEL 3 or higher on the FAST, B or higher in previous social studies courses.*

This course is for students who are interested in what's happening in the global community. Explore economic, social, political, and environmental issues through the lens of geography. By exploring human influences and patterns, you can better understand the world around you, make predictions, and propose solutions to current issues. Students will investigate geographic perspectives and analyze historical and current patterns of migration, population, political organization of space, agriculture, food production, land use, industrialization, and economic development.

### **AP LANGUAGE AND COMPOSITION (1001420)**

GRADE LEVEL: 11,12      CREDIT: 1.0

PREREQUISITE: *3.0 or higher GPA, LEVEL 3 or higher on the FAST; B or higher in American Literature Honors or English 2 honors.*

The AP course in English Language and Composition will train students to become skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts. This course is to help students become flexible writers, proficient in a variety of modes for a variety of purposes through frequent practice and helpful, insightful criticism. Both reading and writing will make students aware of the interaction between authorial purpose, audience needs, the subject itself, generic conventions, and resources of language: syntax, diction, and tone. Students should be academically motivated to accept the rigor and challenge of college-level work.

### **AP LITERATURE AND COMPOSITION (1001430)**

GRADE LEVEL: 12      CREDIT: 1.0

PREREQUISITE: *3.0 or higher GPA, LEVEL 3 or higher on the FAST, B or higher in AP Language and Composition.*

The AP course in English Literature and Composition demands close and insightful reading of literary texts and sophisticated written analysis of those texts. The study of literature focuses on three genres (novel, drama, and poetry) and prepares students as mature readers and skilled writers through frequent practice. Particular attention will be devoted to diction, tone, syntax, figurative language, and other literary devices as they influence and define authorial purposes and textual themes. The objective of the course is to promote proficient college-level writers through frequent practice and helpful, insightful criticism.

### **AP MACROECONOMICS (2102370)**

GRADE LEVEL: 12      CREDIT: 0.5

PREREQUISITE: *3.0 or higher GPA, LEVEL 3 or higher on the FAST, A or higher in U.S. History, or B or higher in AP U.S. History or AMH 1010/1020.*

The purpose of this course is to give students a thorough understanding of the principles of economics that apply to an economic system. The course emphasizes the study of national income and price-level determination and develops student's familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. **This course is paired with AP U.S. Government.**

### **AP PRECALCULUS (1202305)**

GRADE LEVEL: 10, 11, 12      CREDIT: 1.0

PREREQUISITE: *A/B in Algebra 2 Honors; A in Algebra 2 or Math for College Algebra AND Teacher Recommendation.*

AP Precalculus prepares students for other higher-level mathematics and science courses. The course framework outlines the content and skills needed for careers in mathematics, physics, biology, health science, social science, and data science. Students study each function type through their graphical, numerical, verbal, and analytical representations and their applications in a variety of contexts. Additionally, students apply their understanding of functions by constructing and validating appropriate function models for scenarios, sets of conditions, and data sets, thereby gaining a deeper understanding of the nature and behavior of each function type.

### **AP MUSIC THEORY (1300330)**

GRADE LEVEL: 9,10,11,12      CREDIT: 1.0

PREREQUISITE: *3.0 or higher GPA, Level 3 or higher on the FAST; previous and current enrollment in a H.S. music program; and at least two years of performance experience with an instrument or voice. Requires director approval.*



This course is designed to parallel the music theory curriculum that is required by all first-year music major and minor degrees at the university level. To complete this course, students are expected to have several years of formal performance experience. This course will cover all the AP Music Theory defined scoring components. Students must already possess a basic working knowledge of pitch and rhythm and be proficient in reading at least one musical clef.

### **AP PHYSICS 1: ALGEBRA BASED (2003421)**

GRADE LEVEL: 10,11,12                      CREDIT: 1.0

PREREQUISITE: *3.0 or higher GPA, Level 3 or higher on the FAST, B or higher in Chemistry 1 Honors, and B or higher in Algebra 2 Honors.*

This is an algebra-based, introductory college-level physics course designed to be taken instead of Honors Physics. Students cultivate their understanding of Physics through inquiry-based investigations as they explore topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves, and sound. This course requires that 25 percent of the instructional time will be spent in hands-on laboratory work, with an emphasis on inquiry-based investigations that provide students with opportunities to apply science practices. **A lab donation will be requested to help finance laboratory activities.**

### **AP RESEARCH - CAPSTONE (1700510)**

GRADE LEVEL: 11                              CREDITS: 1.0

PREREQUISITE: *3.0 or higher GPA, successful completion of AP Seminar and AP Seminar Teacher Recommendation.*

Students build on AP Seminar to deeply explore an academic topic, problem, or issue of individual interest. Through this exploration, you will design, plan, and conduct a year-long research-based investigation to address a research question. AP Research is an interdisciplinary course that encourages students to demonstrate critical thinking, learn research methodology, and use ethical research practices to explore a topic of the student's choosing. Research will culminate in the development of a 4000–5000-word academic paper and presentation with an oral defense. To accommodate the wide range of student topics, typical college course equivalents for AP Research include introductory research or general elective courses.

### **AP SEMINAR - CAPSTONE (1700500)**

GRADE LEVEL: 10                              CREDIT: 1.0

PREREQUISITE: *AP Capstone application required.*

AP Seminar is a year-long course that has students investigate real-world issues from multiple perspectives. Students learn to synthesize information from different sources, develop their own lines of reasoning in research-based written essays, and design and deliver oral and visual presentations, both individually and as part of a team.

### **AP SPANISH LANGUAGE & CULTURE (0708400)**

GRADE LEVEL: 11,12                          CREDIT: 1.0

PREREQUISITE: *3.0 or higher GPA, Level 3 or higher on the FAST, B or higher in Spanish 4 Honors. Native speakers will be given an assessment test to determine placement.*

Emphasis will be placed on speaking, reading, and writing fluently as related to the six AP Spanish themes. Students will be required to complete a summer assignment based on the six themes. Students will be expected to take the AP Spanish Language exam in May. This course will be demanding because it is a college-level class. Students will be required to complete research and create presentations based on the themes outside of the class setting for classroom presentations.

### **AP SPANISH LITERATURE & CULTURE (0708410)**

GRADE LEVEL: 11,12                          CREDIT: 1.0

PREREQUISITE: *3.0 or higher GPA, Level 3 or higher on the FAST, successful completion of AP Spanish Language & Culture.*

AP Spanish Literature is equivalent to a college-level introductory survey course of literature written in Spanish. Students continue to develop their interpretive, interpersonal, and presentational skills in the Spanish language as well as critical reading and analytical writing as they explore short stories, novels, plays, essays, and poetry from Spain, Latin America, and U.S. Hispanic authors along with other non-required texts.

**AP STATISTICS (1210320)**

GRADE LEVEL: 10,11,12 CREDIT: 1.0

PREREQUISITE: 3.0 or higher GPA, Level 3 or higher on the FAST, A or higher each semester of Algebra 2, or B or higher each semester of Algebra 2 Honors.

AP Statistics is based on an introductory college statistics class. The College Board provides the curriculum. Topics include but are not limited to, univariate data, normal distributions, bivariate data, probability, and statistical inference. The summer assignment is due the first week of school. Writing is an essential part of this course.

**AP WORLD HISTORY (2109420)**

GRADE LEVEL: 10 CREDIT: 1.0

PREREQUISITE: 3.0 or higher GPA, Level 3 or higher on the FAST, A or higher in World Geography, or B or higher in AP Human Geography.

AP World History is designed to develop a greater understanding of the evolution of global processes and contacts in 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 change in global frameworks and their causes and consequences, as well as comparisons among major societies. It emphasizes relevant factual knowledge, leading interpretive issues, and skills in analyzing types of historical evidence. Specific themes provide further organization to the course, along with consistent attention to contacts among societies that form the core of world history as a field of study. Students should expect nightly reading, daily lecture notes, class discussions on reading, and completion of study guides, projects, essays, and short answer questions. This is one of the only AP courses offered to sophomores, and students are provided with support and resources to help transition them during this college-level course.

**AP UNITED STATES GOVERNMENT AND POLITICS (2106420)**

GRADE LEVEL: 12 CREDIT: 0.5

PREREQUISITE: 3.0 or higher GPA, Level 3 or higher on the FAST, A or higher in U.S. HISTORY, or B or higher in AP U.S. History or AMH 1010/1020.

Students will acquire a critical perspective of politics and government in the United States. Students learn concepts used to interpret U.S. politics and analyze specific case studies. Students become familiar with the various institutions, groups, beliefs, and ideas that constitute the U.S. political perspective. Content includes federalism and separation of powers, the Constitution, political processes and opinions, the role of political parties and other agents of political influence, and the development of civil rights and liberties. **This course is paired with AP Macroeconomics.**

**AP UNITED STATES HISTORY (2100330)**

GRADE LEVEL: 11 CREDIT: 1.0

PREREQUISITE: 3.0 or higher GPA, Level 3 or higher on the FAST, A or higher in World History, or B or higher in World History Honors or AP World History.

This course provides students with the analytical skills and factual knowledge necessary to deal critically with documents and key issues in U.S. history. Students learn to assess historical materials and weigh the evidence presented in any historical era. Students will be required to analyze and interpret primary sources and will be expected to take notes from printed materials and lectures or discussions. Students will write essay examinations and demonstrate other writing styles. This course will also link events from the past with current events.

## On-Campus Dual Enrollment

**WRITTEN COMMUNICATION I/II (ENC1101)/(ENC1102)**

GRADE LEVEL: 11,12 CREDIT: 2.0

PREREQUISITE: Must have met all requirements for USF Dual Enrollment. B or higher in American Literature Honors or B or higher in English 2 Honors.

ENC 1101 encompasses grammar and diction review, composition, expository writing, work with both primary and multiple source themes, instruction in the use of the library and writing the research paper, as well as practice in oral communication.

ENC 1102 includes an introduction to literature with an emphasis on reading critically and analytically, understanding literary terminology and techniques, and writing about literature. Dual enrollment is a Gordon Rule course that requires a minimum of 6000 written words each semester. Likewise, students should be academically motivated to accept the rigor and challenge of college-level work.

### **COLLEGE ALGEBRA (MAC1105)/PRECALCULUS (MAC1147)**

GRADE LEVEL: 10,11,12            CREDIT: 1.0

PREREQUISITE: *Must have met all requirements for USF Dual Enrollment.*

College Algebra will be paired with Precalculus. College Algebra is a rigorous introduction to the math concepts necessary for successful study of precalculus and trigonometry. This course is primarily a conceptual study of functions and graphs, their applications, and systems of equations and inequalities. Linear, quadratic, rational, absolute value, radical, exponential, and logarithmic functions will be investigated. **The use of a graphing calculator is integrated throughout the course.**

### **US HISTORY I/II (AMH2010/AMH2020)**

GRADE LEVEL: 11                    CREDIT: 1.0

PREREQUISITE: *Must have met all requirements for USF Dual Enrollment.*

AMH 2010 covers the European discoveries of the Western Hemisphere to the end of Reconstruction. Emphasis is on historical study to determine the social, economic, and political issues through Reconstruction. AMH 2020 covers the end of Reconstruction to the present. Emphasis is placed on historical study to determine the social, economic, and political problems of the 20th and 21st centuries.

### **INTRODUCTION TO INTERNATIONAL RELATIONS (INR 2002)**

GRADE LEVEL: 11,12            CREDIT: 1.0

PREREQUISITE: *Must have met all requirements for USF Dual Enrollment.*

International Relations is the study of how global institutions, states, and systems all interact with one another in both competition and cooperation. This course examines major topics of peace, conflict, and war, international organizations, global development, international relations theory, and the interconnectedness of global economies, societies, and cultures. **This course is paired with Holocaust History Honors (2100405).**

## **English**

### **ENGLISH 1 (1001310)**

GRADE LEVEL: 9                    CREDIT: 1.0

This BEST Standards course provides 9th-grade students with integrated language arts study skills in reading, writing, speaking, listening, and language for college and career preparation and readiness. The content includes the active reading of texts, analysis of literature and informational texts from varied literary periods, and writing for varied purposes. The course also includes strategies for effective listening and speaking with an emphasis on the use of evidence to support or refute claims.

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

GRADE LEVEL: 9                    CREDIT: 1.0

PREREQUISITE: *B or higher in 8TH grade advanced Language Arts or an A in 8TH grade Language Arts; Level 3 or higher on the FSA/ELA or FAST.*

Pre-AP English 1 focuses on reading, writing, and language skills that are relevant to students' current work and essential for students' future to future high school and college 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—building this foundational skill in route to sophisticated, longer-form analyses.

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

GRADE LEVEL: 9,10                      CREDIT: 1.0

PREREQUISITE: *B or higher in English Honors 1 OR PRE-AP ENG 1; Level 3 or higher on the FAST.*

Pre-AP English 2 builds on the foundations of Pre-AP English 1. While English 1 introduces the fundamentals of close observation, critical analysis, and the appreciation of the author’s craft, English 2 requires students to apply those practices 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 2 (1001340)**

GRADE LEVEL: 10                      CREDIT: 1.0

This BEST Standards course provides 10th-grade students with integrated language arts study skills in reading, writing, speaking, listening, and language for college and career preparation and readiness. The content includes the active reading of literary and informational texts, particularly pertaining to Greek mythology, the Renaissance period, and selections from world literature. The course also includes strategies for effective listening and speaking with an emphasis on the use of evidence to support or refute claims.

### **AMERICAN LITERATURE HONORS (1020810)**

GRADE LEVEL: 10,11                      CREDIT: 1.0

PREREQUISITE: *B or higher in World Literature Honors or English 2 Honors; A or higher in English 2; Level 3 or higher on the FAST.*

This course provides an integrated and accelerated investigation of major literary works in the American tradition. Literature study consists of written and oral analysis of the traditional literary canonical American works that make up the historical and contemporary American experience. While analyzing a variety of genres representing the Colonial Period to present, students will practice complex written analyses, visual and oral presentations, and research projects and papers in preparation for AP Language and Composition, AP Literature and Composition, or Dual Enrollment ENC 1101 and ENC 1102.

### **ENGLISH 3 (1001370)**

GRADE LEVEL: 11                      CREDIT: 1.0

This BEST Standards course provides 11th-grade students with integrated language arts study skills in reading, writing, speaking, listening, and language for college and career preparation and readiness. This course includes an examination of significant literary works and informational texts from the American experience. Instruction will parallel and complement the course of study in American History.

### **AICE GENERAL PAPER (1009400)**

GRADE LEVEL: 12                      CREDIT: 1.0

PREREQUISITE: *English 3 and Proficient on the FAST.*

The purpose of this course is to encourage students to make cross-curricular links to develop a maturity of thought, appropriate to students at this level and to achieve an understanding and usage of the English language. These skills enable them to express arguments, ideas, and opinions in a reflective and academic manner. An awareness of the wider implications of issues will enhance the quality of the student's responses to the questions. General Paper is not a test of general knowledge. The key objective is for students to convey information and/or opinions in a way that is thoughtful, perceptive, and intelligent to the reader.

### **ENGLISH 4 (1001400)**

GRADE LEVEL: 12                      CREDIT: 1.0

This BEST Standards course is the thematic study of literature from ancient classics to modern selections. The course targets student learning by using reading strategies to construct meaning from the text and acquire vocabulary; using writing strategies; using student inquiry and self-monitoring techniques; using speaking, listening, and viewing strategies; understanding and responding to a variety of literary forms and a variety of media; and understanding and using language successfully.

## Mathematics

### **ALGEBRA 1A (1200370)**

GRADE LEVEL: 9 CREDIT: 1.0

*Placement is based on academic history.*

This course is the first half of a two-year Algebra 1 program. Fundamental concepts of Algebra will be presented at a more gradual pace than in a traditional Algebra 1 course. The purpose of this course is to formalize and extend the mathematics that students learned in the middle grades. The primary focus of Algebra 1A will be on deepening the understanding of the relationships between quantities and reasoning with equations as well as linear and exponential relationships. Successful completion of both Algebra 1A and Algebra 1B will satisfy the Algebra 1 graduation requirement and students will take the Algebra 1 End of Course Exam (EOC) at the end of Algebra 1B, which will count for 30% of their grade.

### **ALGEBRA 1 (1200310)**

GRADE LEVEL: 9, 10 CREDIT: 1.0

*Placement is based on academic history.*

The fundamental purpose of this course is to formalize and extend the mathematics that students learned in the middle grades. The critical areas, called units, deepen and extend understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend. Students engage in methods for analyzing, solving, and using quadratic functions. The Standards for Mathematical Practice apply throughout each course, and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject. Students will take the Algebra 1 End of Course Exam EOC at the end of Algebra 1, which will count for 30% of their grade.

### **GEOMETRY (1206310)**

GRADE LEVEL: 9-12 CREDIT: 1.0

*PREREQUISITE: C or higher in Algebra 1 and a passing score on the Algebra 1 EOC or credit in MATH FOR COLLEGE LIBERAL ARTS.*

The fundamental purpose of the course in Geometry is to formalize and extend students' geometric experiences from the middle grades. Students explore more complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments. Students will take the Florida Geometry End of Course (EOC) exam at the end of the course, which will count for 30% of their grade.

### **GEOMETRY HONORS (1206320)**

GRADE LEVEL: 9-10 CREDIT: 1.0

*PREREQUISITE: A or higher each semester in Algebra 1 or B or higher each semester of Algebra 1 Honors and a 4 or 5 on the Algebra 1 EOC.*

The fundamental purpose of the course in Geometry is to formalize and extend students' geometric experiences from the middle grades. Students explore more complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments. Students will take the Florida Geometry End of Course Exam (EOC) at the end of the course, which will count for 30% of their grade.

### **MATHEMATICS FOR COLLEGE LIBERAL ARTS (1207350)**

GRADE LEVEL: 9,10,11,12 CREDIT: 1.0

PREREQUISITE: *Credit in Algebra 1 or Geometry or have not passed the Algebra 1 EOC.*

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.

### **ALGEBRA 2 (1200330)**

GRADE LEVEL: 9,10,11,12      CREDIT: 1.0

PREREQUISITE: *A or B in Geometry and 3 or higher on the Algebra I EOC*

This course continues from Algebra 1. Topics covered include linear functions and systems, quadratics, polynomials, radicals, rational expressions, graphing various functions, and some basic probability, statistics, and trigonometry.

### **ALGEBRA 2 HONORS (1200340)**

GRADE LEVEL: 9,10,11      CREDIT: 1.0

PREREQUISITE: *Level 4 or 5 on the Algebra 1 EOC AND B or higher each semester of Algebra 1 Honors AND Geometry Honors. A placement test will be required for any student not meeting the pre-requisite skills. Students need to have an excellent work ethic both in class and at home, as homework is a vital part of the honors program along with excellent attendance.*

Algebra 2 honors is a college preparatory course. Instructional time will emphasize six areas: (1) the complex number system, including complex numbers as roots of polynomial equations; (2) arithmetic operations with algebraic expressions to include polynomial division, radical and rational expressions; (3) graphing and analyzing functions including polynomials, absolute value, radical, rational exponential and logarithmic; (4) extending systems of equations and inequalities to include non-linear expressions; (5) building functions using compositions, inverses and transformations; (6) probability concepts.

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

GRADE LEVEL: 12      CREDIT: 1.0

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.

### **MATH FOR COLLEGE ALGEBRA (1200710)**

GRADE LEVEL: 11,12      CREDIT: 1.0

PREREQUISITE: *C or higher in Algebra 2 or Algebra 2 Honors*

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.

### **PRECALCULUS HONORS (1202340)**

GRADE LEVEL: 10,11,12      CREDIT: 1.0

PREREQUISITE: *A/B in Algebra 2 Honors or Algebra 2; C in Algebra 2 Honors PLUS Teacher Recommendation; A/B/C in Math for College Algebra*

Topics include the study of the following functions: polynomial, rational, radical, absolute value, trigonometric functions, trigonometric equations vectors, exponential and logarithmic. An emphasis will be placed on solving applications by mathematical modeling. This course is intended for students who will follow the calculus sequence. The use of a graphing calculator is integrated throughout this course.

# Science

## **AGRISCIENCE FOUNDATIONS 1 (8106810)**

Grade Level: 9,10,11,12      CREDIT: 1.0

This science course is designed to develop competencies in the areas of agricultural history and the global impact of agriculture; career opportunities; scientific and research concepts; biological and physical science principles; environmental principles; agriscience safety; principles of leadership; and agribusiness, employability, and human relations skills in agriscience. Laboratory-based activities are an integral part of this course. **This course is a prerequisite for all other agricultural courses unless otherwise stated.**

## **BIOLOGY 1 HONORS (2000320)**

GRADE LEVEL: 9,10      CREDIT: 1.0

PREREQUISITE: *B or higher in previous science courses & Level 3 or higher on the FAST.*

In addition to the Biology 1 requirements, this course covers the content at a faster rate and in more depth. Extensive use of lab equipment and conducting experiments are an integral part of this course. Significant projects are required of students in most of the units. At the end of this course, students take the Biology End of Course Exam (EOC) which counts as 30% of their course grade.

**A lab donation will be requested to help finance laboratory activities.**

## **ENVIRONMENTAL SCIENCE (2001340)**

GRADE LEVEL: 9,10,11,12      CREDIT: 1.0

This course is a laboratory-based science class emphasizing the function of the Earth's systems. Emphasis is placed on the human interactions with the Earth's geologic and environmental systems, the predictability of a dynamic Earth, the origin and evolution of the Earth system and universe, geochemical cycles, and energy in the Earth system.

**A lab donation will be requested to help finance laboratory activities.**

## **MARINE SCIENCE (2002500)**

GRADE LEVEL: 10,11,12      CREDIT: 1.0

PREREQUISITE: *Credit in Environmental Science or Foundations of Agriculture. Can also be used as 3<sup>RD</sup> Science credit for Seniors.*

This course provides students with a basic survey of the Marine Biome, including the origin of oceans, ecological issues, the diversity of organisms and marine habitats, and the chemical, physical, and geological aspects of the marine environment. Laboratory investigations that include the use of scientific inquiry, research, measurement, problem-solving, experimental procedures, and safety are an integral part of this course. Homework and cooperative interdisciplinary projects are required for this course.

**A lab donation will be requested to help finance laboratory activities.**

## **BIOLOGY 1 (2000310)**

GRADE LEVEL: 11, 12      CREDIT: 1.0

PREREQUISITE: *Must have passed any two of the following science courses: Marine, Environmental, or Physical.*

Biology begins by developing and extending the understanding of and skills in the scientific process, which will be used to evaluate scientific studies and experiments in the context of biochemistry. Students will conduct an in-depth examination of the biological concepts around ecology, cells, genetics, evolution, classification, and anatomy & physiology. Throughout the course, students will also examine how science, technology, and science interact. Students take the Biology End of Course Exam (EOC) which counts as 30% of their course grade.

**A lab donation will be requested to help finance laboratory activities.**

## **CHEMISTRY 1 (2003340)**

GRADE LEVEL: 10,11,12      CREDIT: 1.0

PREREQUISITE: *B or higher in Biology 1, or C or higher in Biology 1 Honors, and B or higher in Algebra 1 or Algebra 2, C or higher in Algebra 1 Honors or Algebra 2 Honors.*



This course appeals to the college-bound non-science major, and those students interested in technical training. This course relates chemistry to real-world decisions required of business executives, social scientists, technical and health field workers, and informed citizens in general. Skills are developed through reading assignments, laboratory activities, problem-solving, and homework.

**A lab donation will be requested to help finance laboratory activities.**

### **CHEMISTRY 1 HONORS (2003350)**

GRADE LEVEL: 10,11,12      CREDIT: 1.0

PREREQUISITE: *B or higher in Biology 1 Honors and a B or higher in Algebra 1 Honors or Algebra 2 Honors or A or higher in Algebra 1 or Algebra 2.*

This advanced-level course is designed to cover the theme that the properties of matter are a consequence of its structure. Some of the specific topics covered are scientific method, density, chemical and physical changes, formulas, molecular relationships, electron arrangements, periodic table, chemical bonding, ionic compounds, stoichiometry, oxidation/reduction, and organic and nuclear chemistry. Good laboratory skills are essential. This course is strongly recommended for all students planning on receiving a college degree or entering a scientific field.

**A lab donation will be requested to help finance laboratory activities.**

### **CHEMISTRY 2 HONORS (2003360)**

GRADE LEVEL: 11,12      CREDIT: 1.0

PREREQUISITE: *A or higher in Chemistry 1 or B or higher in Chemistry 1 Honors.*

This course will allow students to proceed in their science path through a more in-depth study of Chemistry, focusing on objectives not covered in Chemistry 1 or Chemistry 1 Honors. This course will be an option for students wishing to better prepare for AP Chemistry and AP Biology. Quarter 1 will review Chemistry 1 material: stoichiometry, oxidation/reduction, organic and nuclear chemistry. Quarters 2-4 will allow for an in-depth study of equilibrium, thermochemistry, Acids/Bases, redox, and Organic Chemistry. Good laboratory skills are essential.

**A lab donation will be requested to help finance laboratory activities.**

### **ANATOMY & PHYSIOLOGY HONORS (2000360)**

GRADE LEVEL: 10, 11,12      CREDIT: 1.0

PREREQUISITE: *B or higher on FAST Reading, B or higher in BIO 1 Honors, or A in BIO both semesters. Chemistry is not required but recommended.*

The purpose of this course is to provide students with exploratory and interactive activities in the structure and functions of components of the human body. The content includes anatomical terminology, cells and tissues, disease case studies, Anatomage table training, and a survey of the following systems: integumentary, skeletal, muscular, nervous, endocrine, circulatory, respiratory, digestive, reproductive, and excretory. Laboratory activities, including animal dissections, are an integral part of this course. Students will be required to work cooperatively with lab partners and groups.

**A lab donation will be requested to help finance laboratory activities.**

### **MARINE SCIENCE HONORS (2002510)**

GRADE LEVEL: 11,12      CREDIT: 1.0

PREREQUISITE: *B or higher in Chemistry 1 or Chemistry 1 Honors and B or higher in Biology 1 Honors or C or Higher in Biology 1.*

This course provides students with an in-depth survey of the marine biome. Content includes the origins of the oceans, ecology of sea zones, marine communities, diversity of organisms, characteristics of major marine ecosystems, characteristics of major marine phyla/divisions as well as the chemical, physical, and geological aspects of the marine environment. The interrelationships between people and the ocean are a universal theme in this course.

### **PHYSICS 1 (2003380)**

GRADE LEVEL: 10,11,12      CREDIT: 1.0

This is a conceptual physics course with limited math requirements. It is not a foundation course for further study of physics. The course will not be adequate preparation for students who plan a career in medicine engineering, architecture, physical therapy, or other sciences. Topics include the investigation of force and motion, heat, temperature and pressure waves, sound and light, electricity and magnetism, and energy. Laboratory activities and hands-on projects are used to further student understanding of these concepts.

### **PHYSICS 1 HONORS (2003390)**

GRADE LEVEL: 10,11,12                      CREDIT: 1.0

PREREQUISITE: *C or higher in CHEM Honors or a B or higher in CHEM and C or higher in Algebra 2 Honors or a B or higher in Algebra 2.*

This course is designed for university-bound students and is especially appropriate for students whose careers may be in medicine, engineering, architecture, physical therapy, or other sciences. The course emphasizes Newtonian Mechanics, fluid mechanics and thermal physics, electricity and magnetism, waves and optics, relativity and quantum, and atomic and nuclear physics. Laboratory activities are thorough and require considerable data processing and understanding of the concepts.

**A lab donation will be requested to help finance laboratory activities.**

## Social Studies

### **PERSONAL FINANCE & MONEY MANAGEMENT (2102371) / (HONORS 2102373)**

GRADE LEVEL: 9                                      CREDIT: 0.5

In this class, students will explore how personal financial decisions are made. Students will learn how wages and salaries are earned, including the types of taxes owed, and evaluate various career paths. Students will also learn to develop a personal or family budget, analyze how saving can impact their financial future, and explore the costs and benefits of credit. **This course is paired with Psychology.**

### **PSYCHOLOGY (2107300)**

GRADE LEVEL: 9                                      CREDIT: 0.5

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

### **WORLD HISTORY (2109310)**

GRADE LEVEL: 10                                      CREDIT: 1.0

World History provides a framework of history and geography that encourages students to investigate the impact and contributions of ancient civilizations on modern society as well as take an active role in the global community. Students will gain an understanding of how individuals shape history, how history impacts the individual, how the past can help to make future decisions, and how personal experience impacts the interpretation of events, issues, and people.

**WORLD HISTORY HONORS (2109320)**

GRADE LEVEL: 10 CREDIT: 1.0

PREREQUISITE: *A or higher in World Cultural Geography or B or higher in AP Human Geography.*

In addition to the content in World History, this Honors course provides opportunities for students to follow advanced pathways in the curriculum. Significant projects include but are not limited to analyzing artifacts and evaluating their impact, participating in seminar discussions, and conducting a major research project.

**UNITED STATES HISTORY (2100310)**

GRADE LEVEL: 11 CREDIT: 1.0

United States History allows students to examine U. S. History from Reconstruction to the 21st century. Students will analyze the historical development of the United States and prepare to be active citizens in a democratic nation and their role in a global community. Students will gain an understanding of how geography impacted political and economic development, the ideals of democracy and freedom, how internal and external conflicts led to opportunities, and the uniqueness of Florida's diverse history. Students will take the U.S. History End of Course Exam (EOC) which counts as 30% of their final course grade.

**UNITED STATES HISTORY HONORS (2100320)**

GRADE LEVEL: 11 CREDIT: 1.0

PREREQUISITE: *A or higher in World History or B or higher in World History Honors or AP World History.*

This course examines U.S. History from pre-Reconstruction to the 21st century. It offers opportunities to develop the critical skills of analysis, synthesis, and evaluation in a more rigorous and reflective academic setting. Students are empowered to perform at higher levels as they engage in analyzing historical documents and supplementary readings, working in the context of thematically categorized information, becoming proficient in notetaking, participating in Socratic seminars/discussions, emphasizing free-response and document-based writing, contrasting opposing viewpoints, solving problems, etc. Projects may include extended research-based papers/projects, history fair submissions, presentations for a debate or mock Congressional hearing, etc. Students take the U.S. History End of Course Exam (EOC) which counts as 30% of their final course grade.

**ECONOMICS WITH FINANCIAL LITERACY (2102335)**

GRADE LEVEL: 12 CREDIT: 0.5

The primary content emphasis for this course pertains to the study of the concepts and processes of the national and international economic systems. Content includes, 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 is paired with the U.S. Government.**

**ECONOMICS WITH FINANCIAL LITERACY HONORS (2102345)**

GRADE LEVEL: 12 CREDIT: 0.5

PREREQUISITE: *A or higher in U.S. HISTORY or B or higher in AP U.S. History or AMH 1010/1020.*

This course helps students gain knowledge and decision-making tools necessary to understand how society organizes its limited resources to satisfy its wants. Students will understand the choices they must make as producers, consumers, investors, and taxpayers. Content includes economic reasoning, productive resources, scarcity-based choices, opportunity costs, interdependence, contemporary and historical economic issues, the role of money, and the actions of the market along with government and financial institutions.

**This course is paired with United States Government Honors.**

**UNITED STATES GOVERNMENT (2106310)**

GRADE LEVEL: 12 CREDIT: 0.5

The primary content pertains to the study of government institutions and political processes and their historical impact on American society. Content includes, but is not limited to, the functions and purpose of government, the function of the state, the constitutional framework, federalism, separation of powers, functions of the three branches of government at the local, state, and national levels, and the political decision-making process.

**This course is paired with Economics with Financial Literacy.**

**UNITED STATES GOVERNMENT HONORS (2106320)**

GRADE LEVEL: 12

CREDIT: 0.5

PREREQUISITE: *A or higher in U.S. History or B or higher in AP U.S. History or AMH 1010/1020.*

This course consists of the following content area strands: Geography, Civics, and Government. The primary content pertains to the study of government institutions and political processes and their historical impact on American society. Content includes the functions and purpose of government, the function of the state, the constitutional framework, federalism, separation of powers, and functions of the three branches of government at the local, state, and national levels. **This course is paired with Economics with Financial Literacy Honors.**

**PERSONAL FINANCIAL LITERACY/PSYCHOLOGY 1 (2102372/2107300)**

GRADE LEVEL: 10,11,12

CREDIT: 0.5

*This course does not meet the graduation requirement for personal financial literacy & money management.*

The primary content for Personal Financial Literacy pertains to the study of learning the ideas, concepts, knowledge, and skills that will enable students to implement beneficial personal decision-making choices; to knowledgeable consumers, savers, investors, users of credit and money managers; and to be participation members of a global workforce and society. In Psychology, students acquire an understanding of and an appreciation for human behavior, behavior interaction, and the progressive development of individuals. The content examined in this course includes major theories and orientations of psychology, psychological methodology, memory and cognition, human growth and development, personality, abnormal behavior, psychological therapies, stress/coping strategies, and mental health.

**SOCIOLOGY/WORLD RELIGIONS (2108300/2105310)**

GRADE LEVEL: 11,12

CREDIT: 1.0

PREREQUISITE: *C average in World History and/or U.S. History.*

Sociology is the study of group behavior and the study of behavior patterns in society. This course provides students with a study of the basic concepts, principles, and practices of sociology. Students will explore many present-day social problems including crime, aging, the environment, cities and suburbs, and terrorism. In World Religions, students will acquire an understanding of the way people in different cultures satisfy their spiritual needs. The study includes the place of religion in culture, the importance that has been attached to religion in people's lives, and the relationship between religion and other social institutions. Content includes sources of religion, the basis for people's religious beliefs, and major living traditions and practices such as Buddhism, Christianity, Confucianism, Hinduism, Islam, Judaism, Shintoism, and Taoism.

## Arts/Visual Arts

**2-D STUDIO ART 1 (0101300)**

GRADE LEVEL: 9,10,11,12

CREDIT: 1.0

This is an entry-level art class where students experiment with the media and techniques used to create a variety of two-dimensional (2-D) artworks through the development of skills in drawing, painting, printmaking, collage, and/or design. Students practice, sketch, and manipulate the structural elements of art to improve mark-making and/or the organizational principles of design in composition from observation, research, and/or imagination. Through the critique process, students evaluate and respond to their own work and that of their peers. **An activity fee is required for this class as it incorporates hands-on activities and the consumption of art materials.**

**2-D STUDIO ART 2 (0101310)**

GRADE LEVEL: 11,12

CREDIT: 1.0

PREREQUISITE: *Requires prior completion of an entry-level and Level 1 Course.*

Students develop and refine technical skills and create 2-D compositions with a variety of media in drawing, painting, printmaking, collage, and/or design. Student artists sketch, manipulate, and refine the structural elements of art to improve mark-making and/or the organizational principles of design in a composition 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 the consumption of art materials.

### **CERAMICS/POTTERY 1 (0102300)**

GRADE LEVEL: 9,10,11,12      CREDIT: 1.0

Students explore how space, mass, balance, and form combine to create aesthetic forms or utilitarian products and structures. The instructional focus will be on ceramics and/or pottery. Media may include but are not limited to, clay and/or plaster, with consideration of the workability, durability, cost, and toxicity of the media used. Student artists consider the relationship of scale (i.e., hand-held, human, monumental) using 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 ceramics and/or pottery art studio focus on the 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. **An activity fee is required for this class as it incorporates hands-on activities and the consumption of art materials.**

### **CERAMICS/POTTERY 2 (0102310)**

GRADE LEVEL: 10,11,12      CREDIT: 1.0

PREREQUISITE: *Prior ceramics course.*

Students explore spatial relationships using nonobjective, abstract, or representational forms, products, or structures. The instructional focus should be on ceramics and/or pottery. Processes and techniques for substitution may include but are not limited to, wheel-thrown clay, glaze formulation, and application. Media may include but are not limited to, clay and/or plaster with consideration of the workability, durability, cost, and toxicity of the media used. Ceramic and/or pottery artists experiment with and manipulate space-producing devices, including overlapping, transparency, interpenetration, vertical and horizontal axis, inclined planes, disproportionate scale, fractional or abstracted representation, and spatial properties of the structural art elements. Craftsmanship and quality are reflected in the surface and structural qualities of the completed art forms. Students in the ceramics and/or pottery art studio focus on the 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. **An activity fee is required for this class as it incorporates hands-on activities and the consumption of art materials.**

### **FINE CRAFT STUDIO ART 1 (0101440)**

GRADE LEVEL: 9,10,11,12      CREDIT: 1.0

This course is for students interested in creating fine craft materials through sewing, jewelry making, and crafting. Students will create well-designed work that is utilitarian, purposeful, wearable, and/or sculptural in nature. This course may include but is not limited to, content in metals, jewelry, glass, fabrics/fibers, clay, fashion design, and/or objects for interior or architectural design/embellishment. Students should be able to work independently and use analytical and problem-solving skills to improve personal work and help with that of their peers. **An activity fee is required for this class as it incorporates hands-on activities and the consumption of art materials.**

### **FINE CRAFT STUDIO ART 2 (0101450)**

GRADE LEVEL: 10,11,12      CREDIT: 1.0

PREREQUISITE: *Fine Craft Studio Art 1.*

This class is a continuation of Fine Craft Studio 1. Students who would like to enhance the skills learned in the previous course may take this class to further hone their craft. As an upper-level course, students are expected to create well-designed and individually conceptualized work that is utilitarian, purposeful, wearable, and/or sculptural in nature. This course may include but is not limited to, content in metals, jewelry, glass, fabrics/fibers, clay, fashion design, and/or objects for interior or architectural design/embellishment. Student artisans reflect on aesthetics and visual issues related to media and organizational principles of design, manipulating them to create works of art that

are progressively more innovative. **An activity fee is required for this class as it incorporates hands-on activities and the consumption of art materials.**

### **DRAW 1 (0104340)**

GRADE LEVEL: 10,11,12 CREDIT: 1.0

PREREQUISITE: *Prior entry-level course.*

Students experiment with the media and techniques used to create a variety of two-dimensional (2-D) artworks through the development of skills in drawing. Students practice, sketch, and manipulate the structural elements of art to improve mark-making and/or the organizational principles of design in a composition from observation, research, and/or imagination. Through the critique process, students evaluate and respond to their own work and their peers. **An activity fee is required for this class as it incorporates hands-on activities and the consumption of art materials.**

### **PAINT 1 (0104370)**

GRADE LEVEL: 10,11,12 CREDIT: 1.0

PREREQUISITE: *Prior entry-level course.*

Students experiment with the media and techniques used to create a variety of two-dimensional (2-D) artworks through the development of skills in painting. Students practice and manipulate the structural elements of art to improve mark-making and/or the organizational principles of design in a composition from observation, research, and/or imagination. Through the critique process, students evaluate and respond to their own work and that of their peers. **An activity fee is required for this class as it incorporates hands-on activities and the consumption of art materials.**

### **DIGITAL ART IMAGING 1 (0108370)**

GRADE LEVEL: 9,10,11,12 CREDIT: 1.0

Students explore the fundamental concepts, terminology, techniques, and applications of digital imaging to create original work. Students produce digital still images through the single or combined use of computers, digital cameras, scanners, photo-editing software, drawing and painting software, graphic tablets, printers, new media, and emerging technologies. Through the critique process, students evaluate and respond to their work and their peers to measure artistic growth. **Incorporates hands-on activities, the use of technology, and the consumption of art materials.**

### **DIGITAL ART IMAGING 2 (0108380)**

GRADE LEVEL: 10,11,12 CREDIT: 1.0

PREREQUISITE: *Digital Art Imaging 1*

Students explore and develop concepts, terminology, techniques, and applications to design, create, print, and display original two-dimensional graphic and fine works of art. As they become more adept at using the tools and techniques available to them, students design digital still images through the single or combined use of computers, digital cameras, scanners, photo-editing software, drawing and painting software, graphic tablets, printers, new media, and emerging technologies. Through the critique process, students evaluate and respond to their own designs and images and those of their peers to measure artistic growth with increasing sophistication. **Incorporates hands-on activities, the use of technology, and the consumption of art materials.**

### **YEARBOOK (0108370-390A)**

GRADE LEVEL: 9,10,11,12 CREDIT: 1.0

PREREQUISITE: *Completed application, participation in prior yearbook production, and teacher approval.*

This course provides experiences in the application of computer-generated imagery in the fields of graphic design and desktop publishing. Students design and produce the LRHS Yearbook through Adobe Photoshop and eDesign, an online desktop publishing application. Students are required to lay out pages, create graphics, take, and edit photographs, create and sell advertisements, write stories, and conduct interviews.

## CTE: Agriculture, Food & Natural Resources

### **AGRISCIENCE FOUNDATIONS 1 (8106810)**

GRADE LEVEL: 9,10,11,12      CREDIT: 1.0

This science course is designed to develop competencies in the areas of agricultural history and the global impact of agriculture; career opportunities; scientific and research concepts; biological and physical science principles; environmental principles; agriscience safety; principles of leadership; and agribusiness, employability, and human relations skills in agriscience.

Laboratory-based activities are an integral part of this course. This course is a prerequisite for all other agricultural courses unless otherwise stated.

### **INTRODUCTORY HORTICULTURE 2 (8121510)**

GRADE LEVEL: 9,10,11,12      CREDIT: 1.0

PREREQUISITE: *Agriscience Foundations*.

This elective and practical art course is designed to develop competencies in the areas of career opportunities; the global importance of agriculture; plant classification; propagation; growing media; nutritional needs; fertilization; irrigation; pest identification; and pest control.

### **HORTICULTURE SCIENCE 3 (8121520)**

GRADE LEVEL: 10,11,12      CREDIT: 1.0

PREREQUISITE: *Agriscience Foundations and Introductory Horticulture 2*.

This elective and practical art course is designed to develop competencies in the areas of industry regulations; plant classification; plant transportation; soil sampling and analysis; fertilizer calculations; recording keeping; irrigation components, water quality; drainage; integrated pest management; pesticide safety and regulations; equipment calibration; chemical growth regulators; xeriscaping; integrated landscape management; safe use of power equipment; record keeping; and employability skills. Students will work toward and take the FNGLA Horticulture Professional (FCHP) Certification.

### **HORTICULTURE SCIENCE AND SERVICES 4 (8121610)**

GRADE LEVEL: 11,12      CREDIT: 1.0

PREREQUISITE: *Passed Agriscience Foundations, Introductory Horticulture 2, and Horticulture Science & Services 3*.

This course is designed to further develop competencies in the areas of plant identification and classification; growing media; irrigation system setup; and maintaining and analyzing records including production costs.

### **HORTICULTURE SCIENCE & SERVICES 5 (8121620)**

GRADE LEVEL: 12      CREDIT: 1.0

PREREQUISITE: *Passed Horticulture 2,3, and 4*.

This course is designed to further develop competencies in the areas of identifying and evaluating IPM practices; maintaining and repairing irrigation systems; analyzing and evaluating fertilizer usage.

**Students are required to have a year-long project.**

### **ANIMAL SCIENCE & SERVICES 2 (8106210)**

GRADE LEVEL: 9,10,11,12      CREDIT: 1.0

PREREQUISITE: *Agriscience Foundations*.

This course is designed to develop competencies in the areas of safety, animal behavior, animal welfare, animal control, and employability skills. Instruction will take place both inside the classroom and in outdoor labs. **A \$10 lab fee will be requested.**

### **ANIMAL SCIENCE & SERVICES 3 (8106220)**

GRADE LEVEL: 10,11,12      CREDIT: 1.0



PREREQUISITE: *Agriscience Foundations and Animal Science & Services 2.*

This course is designed to develop competencies in the areas of animal digestive systems, animal breeding, preventative medicine, disease control; animal marketing, and analyzing records. Instruction will take place both inside the classroom and in outdoor labs. **A \$10 lab fee will be requested.**

**ANIMAL SCIENCE & SERVICES 4 (8106230)**

GRADE LEVEL: 11,12                      CREDIT: 1.0

PREREQUISITE: *Passed Animal Science 3 and should have an animal-related supervised Agricultural Experience project.*

The content includes but is not limited to health, safety, and environmental issues, animal health and nutrition, animal breeding and selection, emerging animal technologies, and the use and care of animal health-care instruments, animal grooming equipment, animal restraining equipment, and laboratory equipment. **A \$10 lab fee is requested.**

**ANIMAL SCIENCE & SERVICES 5 (8106240)**

GRADE LEVEL: 12                              CREDIT: 1.0

PREREQUISITE: *Passed Animal Science 2,3, and 4.*

This course is designed to develop competencies in the areas of nutrition; grooming, exhibiting, and marketing animals; operation, maintenance, and repair of equipment.

**Students will be required to have a year-long project.**

**AGRICULTURE, FOOD & NATURAL RESOURCES COOPERATIVE EDUCATION - OJT (8100410)**

GRADE LEVEL: 11,12                      CREDIT: 1.0

PREREQUISITE: *be a program completer and/or Junior or Senior enrolled in any agriculture class.*

Provides on-the-job training in an agriculturally related area. Students must obtain a job by the end of the second week of school. Students must work 7.5 hours for each class period assigned to OJT. The student may not work for a family member and compensation must be paid to the student.

**Quarterly observations are required by the supervising teacher.**

**AGRICULTURE, FOOD & NATURAL RESOURCES DIRECTED STUDY (8100100)**

GRADE LEVEL: 11,12                      CREDIT: 1.0

PREREQUISITE: *By application only. Must be in the upper-level, Advanced Agriculture Class, and an FFA Leadership student.*

The content of this course is prescribed by the instructor based upon the individual's assessed needs for directed study. A student may earn multiple credits in this course. The selected standards that the student must master to earn credit, must be outlined in an instructional plan developed by the student, teacher, and parents.

## CTE: Arts, A/V Technology & Communication

**TELEVISION PRODUCTION TECHNOLOGY 1 (8201510)**

GRADE LEVEL: 9,10,11,12              CREDIT: 1.0

PREREQUISITE: *No major discipline infractions. Basic computer knowledge is preferred.*

Level 1 TV Production is designed for the novice or beginning Visual Communications student. Students will learn basic studio operations, HD camera skills, script writing basics, as well as Premiere Pro editing techniques. Learning industry terminology, studio jargon, and editing principles are essential for success in this class. Students will attempt to earn Adobe Premiere Pro Industry Certification.

**TELEVISION PRODUCTION TECHNOLOGY 2 (8201520)**

GRADE LEVEL: 10,11,12              CREDIT: 1.0

PREREQUISITE: *C or higher in TV Production 1, No major discipline infractions, and teacher approval.*

Level 2 TV Production students will continue to master skills using Premiere Pro. Students will produce a variety of video projects designed to enhance their skill set with non-linear editing and HD video camera operation. This includes original script productions, and videography, with final edits and exports. Students will also prepare for taking over a variety of roles on the Lakewood Live News Crew.

### **TELEVISION PRODUCTION TECHNOLOGY 3/4 (8201530/8201540)**

GRADE LEVEL: 11,12                      CREDIT: 1.0

PREREQUISITE: *Earned ADOBE Premiere PRO Certification, B or higher in TV Production 2 or 3, no major discipline infractions, and teacher approval.*

This is an advanced-level program preparing students for college and the workforce. Advanced TV Production (Level 3-4) students are responsible for producing the daily news program "LRHS-TV". Students may serve as talent or crew on the show and rotate into production cycles to create seasonal news show elements and commercials for LRHS events. Advanced knowledge of Premiere Pro editing software is essential as we will build on those skills. At this stage, students should be proficient in working with HD video cameras, proper shot composition skills, and scriptwriting techniques. **Students who transfer into Advanced TV will be required to earn their Adobe Premiere Pro Industry Certification.**

## **CTE: Education & Training**

### **EARLY CHILDHOOD EDUCATION 1 (8405110)**

GRADE LEVEL: 9                              CREDIT: 1.0

PREREQUISITE: *DEAN or SSS signature verifying no major discipline infractions.*

This course is the first in a series of four preparing students to work with young children. Students begin their certification process through the Florida Department of Children and Families (DCF) while studying child growth and development; health safety and nutrition; child abuse and neglect; and the rules and regulations for Florida. Students will be introduced to our Mini Mustang VPK class as they help in the preschool setting. **A donation will be requested to help offset the fees for testing.**

### **EARLY CHILDHOOD EDUCATION 2 (8405120)**

GRADE LEVEL: 10                             CREDIT: 1.0

PREREQUISITE: *B or higher in ECE 1, no major discipline infractions, and PASS 75% of DCF hours from ECE 1.*

This course prepares students to work as preschool teachers in our VPK program with 4-year-olds. Students will continue their Florida Department of Children and Families (DCF) certification as they observe children, study guidance techniques, and lesson preparation in various areas for preschoolers. Students will experience hands-on learning by teaching small groups in the preschool setting. **The students will complete their ServSafe certification. A donation will be requested to help offset the fees for testing.**

### **EARLY CHILDHOOD EDUCATION 3 (8405130)**

GRADE LEVEL: 11                             CREDIT: 1.0

PREREQUISITE: *B or higher in ECE 2, no major discipline infractions, completion of all DCF modules, and ServSafe certification.*

This course allows students to work as teacher-aide interns in off-campus settings. This will include local elementary schools and childcare centers. Students must provide their own transportation to these locations. The final Florida Department of Children and Families (DCF) certifications will be completed as well as certification of Infant/Child First Aid and CPR. The hours worked with children will be applied toward the Child Development Associate National Credential (CDA). **A donation will be requested to help offset the fees for testing.**

### **EARLY CHILDHOOD EDUCATION 4 (8405140)**

GRADE LEVEL: 12                             CREDIT: 1.0

PREREQUISITE: *B or higher in ECE 3, completion of DCF Hours, ServSafe, valid CPR certification, and no major discipline infractions.*

This course allows students to work as teachers in our Voluntary Prekindergarten (VPK) classroom emphasizing Science, Technology, Engineering, the Arts, and Mathematics (STEAM) lessons. The students will complete the Child Development Associates National Credential (CDA). Students may also earn articulation credit through the State College of Florida (3 to 9 hours).

## CTE: Engineering & Technology Education

### **APPLIED ENGINEERING TECHNOLOGY I (8401110)**

GRADE LEVEL: 9,10,11,12      CREDIT: 1.0

In Applied Engineering Technology 1, students learn how to solve problems through many different hands-on and computer-based activities. Students will learn the fundamentals of engineering including the Engineering Design Process, 3D Modeling (AutoDesk Inventor), vector-based graphic design (Adobe Illustrator), and tool safety. Students will have the opportunity to take industry certifications. In Engineering 1 the students will learn and take the Robotics Education Competition Foundation (RECF) Pre-Engineering, and AutoDesk Inventor (can count for three college credits). Some past projects include laser engraving, charcuterie boards, and 3D printing.

### **APPLIED ENGINEERING TECHNOLOGY II (8401120)**

GRADE LEVEL: 10,11,12      CREDIT: 1.0

PREREQUISITE: *B or higher in Engineering Technology 1.*

Applied Engineering Technology 2 is a continuation of Applied Engineering Technology 1. Students continue to solve problems using the Engineering Design Process. Students will apply the knowledge learned from Applied Engineering 1 to complete more advanced projects. Cutting boards with joinery for woodworking, laser engraving, breaking down rough-sawn lumber, and advanced 3D printing. Students learn the safety of more advanced tools such as table saws, compound miter saws, and planners. Students may take more certifications such as AutoDesk Fusion 360, AutoDesk AutoCAD, and SolidWorks (can count for 3 credit hours in college).

### **APPLIED ENGINEERING TECHNOLOGY III (8401130)**

GRADE LEVEL: 11,12      CREDIT: 1.0

PREREQUISITE: *B or higher in Engineering Technology 2.*

Applied Engineering Technology 3 is a continuation of Applied Engineering Technology 2. Students will continue to solve problems using the Engineering Design Process. Students will use the computer numerical control (CNC) machines in the class for machining different projects. There is an opportunity to use epoxy resin and design larger projects. The students will have the opportunity to expand on industry certifications: AutoDesk Revit, and SolidWorks, among others.

### **FOUNDATIONS OF ROBOTICS (9410110)**

GRADE LEVEL: 9,10,11,12      CREDIT: 1.0

Foundations of Robotics is an introductory course to the fascinating world of robotics. This course will introduce fundamental robotic topics such as robot design, construction, and programming. Students will use skills learned in other engineering, math, and science courses to design robots to solve problems. Some solutions will be autonomous, and others will require human interaction. Students will follow the engineering design process and create 3D models of their robotic solutions.

### **ROBOTIC DESIGN ESSENTIALS (9410120) ROBOTIC SYSTEMS (9410130)**

GRADE LEVEL: 10,11,12      CREDIT: 1.0

PREREQUISITE: *B or higher in Foundations of Robotics.*

Robotic Design Essentials and Robotic Systems are the second and third courses in the applied robotics program. These courses will continue to develop the skills needed to design and create functioning robots that solve problems. This course can take the Pre-Engineering and Robotics Industry Certifications. Robotic Design Essentials will also introduce students to the amazing world of competitive robotics (Vex VRC).

### **ADVANCED TECHNOLOGY APPLICATIONS (8601900)**

GRADE LEVEL: 11,12                      CREDIT: 1.0

PREREQUISITE: *Teacher approval.*

Advanced Technology Applications is for the advanced engineering student who wants to independently follow the engineering design process to solve problems and create products. Students will apply skills from all engineering classes offered at Lakewood Ranch. This course will allow students the freedom to design, create, and produce an endless possibility of solutions and products. The machining of the class is heavily stated in this course. Students will also have the chance to take multiple industry certifications.

## **CTE: Information Technology**

### **DIGITAL INFORMATION TECHNOLOGY (8207310)**

GRADE LEVEL: 9,10,11,12              CREDIT: 1.0

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

### **FOUNDATIONS OF WEB DESIGN (9001110)**

GRADE LEVEL: 9,10,11,12              CREDIT: 1.0

This course is designed to provide students with opportunities to acquire and apply foundational skills related to web design using the Adobe Dreamweaver and Photoshop software programs. This is a Level 3 course: it is designed to require a higher level of student responsibility for the quality of their work and to provide a direct transfer of knowledge and skills to work-based situations.

### **USER INTERFACE DESIGN (9001120)**

GRADE LEVEL: 10,11,12                  CREDIT: 1.0

PREREQUISITE: *B or higher in Foundations of Web Design.*

This course provides advanced concepts used in interface design. The content includes principles of human-computer interface, advanced page design using cascading style sheets (CSS), advanced HTML commands, multimedia applications, internet/intranet tools, and website promotion. Students may obtain Industry Certifications in some of the software programs being used. This is a Level 3 course: it is designed to require a higher level of student responsibility for the quality of their work and to provide a direct transfer of knowledge and skills to work-based situations.

### **MEDIA INTEGRATION ESSENTIALS (9001140)**

GRADE LEVEL: 11,12                      CREDIT: 1.0

PREREQUISITE: *B or higher in User Interface Design.*

This class is the capstone of the Web Design program. Web designers must understand software functionality, graphic design skills, client communication, and marketing as well as time management to create successful web pages. Through various software programs, students will create interactive products that are usable for a memorable experience and a professional portfolio. Students will demonstrate techniques for integrating various forms of media onto webpages with attention to consumer “usability” (website navigation, efficiency, memorability), along with their skills in Adobe and other software programs. Students may also obtain Industry Certifications in some of the software programs being used. This is a Level 3 course: it is designed to require a higher level of student responsibility for the quality of their work and to provide a direct transfer of knowledge and skills to work-based situations.

### **GAME & SIMULATION FOUNDATIONS (8208110)**

GRADE LEVEL: 10,11,12            CREDIT: 1.0

PREREQUISITE: *Foundations OF Web Design or Digital Imaging 1.*

This course is designed to introduce game and simulation concepts and basic game/simulation design concepts. We will cover strategies, processes, and methods for conceptualizing a game or simulation application; storyboarding techniques; and development tools. Hands-on activities using professional software game development tools such as Toon Boom’s Flip Boom and Storyboard, and digital graphic software such as Photoshop. Studio includes stop-motion animation, making it the perfect animation software for students to discover and create in all techniques with ease for spectacular results.

### **GAME & SIMULATION DESIGN (8208120)**

GRADE LEVEL: 11,12            CREDIT: 1.0

PREREQUISITE: *Game & Simulation Foundations.*

Using sound and animation, design tools, and implementation considerations, this course helps you take an idea and translate it into a visual story that will become a complete production. Deliver rich-looking products instantly and effortlessly to everyone. Emphasis is placed on the techniques needed to develop well-documented, structured game or simulation programs. Extensive use is made of evaluating and analyzing existing games or simulations.

### **GAME & SIMULATION GRAPHIC ARTIST (8208130)**

GRADE LEVEL: 12            CREDIT: 1.0

PREREQUISITE: *C or higher in Game & Simulation Foundations.*

Hands-on activities using professional software game development tools. Students focus on combining multiple animation software packages and Photoshop techniques, to create, refine, and integrate realistic 2D graphics into a game or simulation product. Students will learn how to use automated lip sync to fine-tune voice tracks and to share work just as easily with numerous export options, including effortless uploads to YouTube and Facebook.

## ***CTE: Marketing, Sales & Service***

### **MARKETING ESSENTIALS (8827110)**

GRADE LEVEL: 9,10,11,12            CREDIT: 1.0

Marketing Essentials blends theory and practice to facilitate immediate implementation and impact. Students will learn to develop strategic marketing with sales and customer plans. A review of the marketing environment is used to help develop the segmentation, targeting, and market positioning strategy for implementation along with the marketing mix (product, price, place, and promotion). The goal is the identification and delivery of organizational competitive advantage and customer satisfaction - key to long-term revenue growth, profitability, and success.

### **INTERNATIONAL MARKETING (8839110)**

GRADE LEVEL: 10,11,12            CREDIT:1.0

PREREQUISITE: *C or higher in Marketing Essentials.*

This program prepares students to explore and understand marketing practices in a global environment with respect to trade, global economics, and basic import/export principles. Students will explore aspects of marketing from a global perspective to better respond to international opportunities and competitive situations. Building on concepts that were introduced in previous marketing classes, International Marketing broadens student awareness and understanding of how businesses operate in a global environment, and how they grow and thrive in our ever-changing world. As a part of year 2/3 of International Marketing, students will participate in the Incubator program. This program offers an authentic entrepreneurship experience as students build a business. Throughout the course, students design, develop, and create their own product or service startup, to gain investment funds in a final pitch event. Real entrepreneurs and business experts serve as volunteer coaches and mentors who will guide student teams through the processes of developing ideas about a business concept, testing those ideas, adapting, and continually learning and improving. Students leave the course with a completed Business Model Canvas, competitive analysis, financial model, minimum viable product, pitch deck, future communications plan, and future funding plan.

### **INTERNATIONAL MARKETING II (8839120)**

GRADE LEVEL: 11,12                      CREDIT:1.0

PREREQUISITE: *C or higher in International Marketing I.*

International Marketing II is a continuation of International Marketing I to reinforce and build upon students' knowledge of international marketing. The purpose of this course is to develop competencies regarding international marketing, transportation, finance, laws and regulations, and communications.

### **INTERNATIONAL MARKETING III (8839130)**

GRADE LEVEL: 12                      CREDIT:1.0

PREREQUISITE: *C or higher in International Marketing II.*

The purpose of this course is to provide instruction for the career-sustaining level employment in the industry. The content includes applied skills related to international marketing functions, employment skills required for success in international marketing, career planning, and entrepreneurship as related to an international market.

## **CTE: On-The-Job-Training (OJT)**

### **DIVERSIFIED CAREER TECHNOLOGY PRINCIPLES (8303010)**

GRADE LEVEL: 11,12                      CREDIT: 1.0

PREREQUISITE: *Complete application (picked up in Guidance) and approval of instructor. Must have three or more class periods available in which to earn elective credits (a DCT Principles Course and a minimum of two class periods released to work). Have no referrals or excessive absences, employed or gain employment in a curriculum-appropriate company. Active membership in one of the following business/vocational organizations: FBLA, FCCLA, HOSA, or TSA.* The DCT Principles course is required for all students enrolled in OJT. This course is designed to enable each student to demonstrate employability skills; environmental, health, and safety skills; professional, legal, and ethical responsibilities; financial skills; leadership skills; communication skills; human resources, and labor skills. A directed study is included to increase knowledge of the specific careers in which the student is employed outside of school. Students will master Word, PowerPoint, and Excel to complete certification testing. Participation in the vocational organization CECF (Career Education Clubs of Florida) is required.

### **DIVERSIFIED CAREER TECHNOLOGY - OJT (8300410)**

GRADE LEVEL: 11,12                      CREDIT: 1.0

PREREQUISITE: *Acceptance into the OJT program.*

DCT/OJT is a four-way partnership between the student, parent, school, and job site. This program is designed for students who have made a career path decision and are prepared to seriously pursue this path. Students must be concurrently enrolled in the DCT Principles course. Students must demonstrate basic employability skills before they can be considered for this program.

## Drama/Theatre Arts

### **THEATRE 1 (0400310)**

GRADE LEVEL: 9,10,11,12      CREDIT: 1.0

This is an introductory performance-based course designed for students interested in mastering basic principles of acting, improvisation, playwriting, movement, and theatre history. Students will be required to participate and perform in cooperative classroom activities/projects including theatre games, improvisation, and performance. Students will be required to participate in some limited rehearsals and end-of-year performances outside of school hours to support, extend, and assess learning in the classroom.

### **THEATRE 2 (0400320)**

GRADE LEVEL: 10,11,12      CREDIT: 1.0

PREREQUISITE: *Theatre 1 or Acting 1 and teacher approval.*

This is a performance-based course that builds upon the principles learned in Theatre 1. Students will be required to participate in limited rehearsals and end-of-year performances outside of school hours to support, extend, and assess learning in the classroom.

### **THEATRE 3/4 HONORS (0400330/0400340)**

GRADE LEVEL: 10,11,12      CREDIT: 1.0

PREREQUISITE: *Theatre 2 or Theater 1 and teacher approval.*

This is an advanced-level performance course designed for students with previous experience in theatre promoting lifelong appreciation and preparation for college and career through teacher-assigned and self-directed study and performance, with an emphasis on all areas of the performing arts including acting/musical theatre/technical theatre. Students are required to participate in rehearsals/performances/activities outside of school to support, extend, and assess learning in the classroom.

### **TECHNICAL THEATRE: DESIGN PRODUCTION 1 (0400410)**

GRADE LEVEL: 9, 10,11,12      CREDIT: 1.0

This hands-on class allows students to explore many areas of technical theatre. Students will explore stage lighting, set design and construction, and sound. Skills will be put to practical use in actual school productions.

### **TECHNICAL THEATRE: DESIGN AND PRODUCTION 2**

GRADE LEVEL: 10,11,12      CREDIT: 1.0

PREREQUISITE: *Technical Theatre Design and Production 1.*

This course will build upon the skills learned in Technical Theatre Design and Production 1. Students will have a chance to specialize in the disciplines of their choice. Students will be required to participate in some limited rehearsals and productions outside of the school day.

## Driver Education and Traffic Safety

### **DRIVER EDUCATION CLASS/LAB (1900310)/INDIVIDUAL & DUAL SPORTS 3 (1502430)**

GRADE LEVEL: 10,11,12      CREDIT: 1.0

PREREQUISITE: *must be 15 years old.*



This is a two-phase course consisting of classroom study and driving in the car. Statistics prove that drivers who have had Driver Education have 50 percent fewer accidents than those who have not had it. Therefore, many insurance companies give discounts on insurance plans for students who complete the class. As of Jan. 1, 2005, students taking Driver Education will be given a DMV-approved road test to earn their driver's licenses through instructors who are DELAP certified. This course will be paired with Individual & Dual Sports 3. Requests for changes out of the PE portion of the course will not be considered.

## Humanities

### **HUMANITIES 1 HONORS (0900310)**

GRADE LEVEL: 10,11,12 CREDIT: 1.0

PREREQUISITE: *B or higher in English.*

The purpose of this course is to enable students to examine the influence and impact of history, literature, philosophy, and religion on the arts, analyze ideas and artistic expression across varied cultures, and understand and respond to the creative efforts of individuals and societies from early civilizations to 1500, including ancient Greece and Rome, the Byzantine Empire, medieval European society, and the Renaissance. Students are challenged to think, write, and collaborate critically on the content they are learning.

## JROTC & Military Training

### **LEADERSHIP EDUCATION & TRAINING 1 (1801300)**

GRADE LEVEL: 9,10,11,12 CREDIT: 1.0

Junior Reserve Officer Training Corps is a high school program instructed by retired military personnel whose mission is to motivate student cadets to become better citizens. The curriculum requires wearing a uniform once a week, which is provided by the department at no expense to the student. Students will also participate in weekly Physical Training (exercise) focused on the successful completion of the Cadet Challenge (Presidential Fitness Test). Taught in accordance with the Cadet Command Regulation 145-2 (CCR145-2), course content includes Character and Leadership Development; Wellness, Fitness and First Aid; Drug Abuse Prevention; Geography and Earth Science; Citizenship and American History; Career Opportunities; Role of the Armed Forces; Technology Awareness; Command and Staff Procedures; Consumer Education and Budgeting; Unlocking Your Potential; and Senior Army Instructor Designated Optional Subjects, as coordinated with Lakewood Ranch High School. THERE IS ABSOLUTELY NO OBLIGATION TO JOIN THE MILITARY SERVICE, however, if a student cadet desires to join the military after high school, he or she may enter the service at a much higher pay scale due to their successful participation in JROTC and with the recommendation of the Senior Army Instructor. Students who complete LET1 and LET2 coursework receive HOPE graduation credit.

**A donation of \$60 will be requested to help finance the Physical Training Uniform, LRHS Formal ticket, and Expendable Uniform components.**

### **LEADERSHIP EDUCATION & TRAINING 2 (1801310)**

GRADE LEVEL: 10,11,12 CREDIT: 1.0

PREREQUISITE: *C or higher in LET 1 and no documented school discipline issues (suspensions).*

Continuation of Leadership Education & Training 1. Completion of LET 2 coursework completes the HOPE alternative graduation requirement.

**A donation of \$60 will be requested to help finance the Physical Training Uniform, LRHS Formal ticket, and Expendable Uniform components.**



**LEADERSHIP EDUCATION & TRAINING 3 (1801320)**

GRADE LEVEL: 11,12 CREDIT: 1.0

PREREQUISITE: *C or higher in LET 2 and no documented school discipline issues (suspensions).*

Continuation of Leadership Education & Training 2. A donation of \$60 will be requested to help finance the Physical Training Uniform, LRHS Formal ticket, and Expendable Uniform components.

**LEADERSHIP EDUCATION & TRAINING 4 (1801330)**

GRADE LEVEL: 12 CREDIT: 1.0

PREREQUISITE: *C or higher in LET 3 and no school suspensions.*

Continuation of Leadership Education & Training 3.

**A donation of \$60 will be requested to help finance the Physical Training Uniform, LRHS Formal ticket, and Expendable Uniform components.**

**JROTC BATTALION STAFF (1801310-330)**

GRADE LEVEL: 10,11,12 CREDIT: 1.0

PREREQUISITE: *Instructor selection, completion of LET 1, and no school suspensions. The application will consist of a written application (resume & cover letter) for the cadet wishing to hold the position.*

The Cadet Battalion Staff is the group of students responsible for planning, developing, and executing the JROTC program's annual activities. They organize community service events, and programs, oversee extracurricular teams, and account for and document logistical resources. They ensure the promotion, selection, and awards process for the cadets. They serve as the customer service organization providing all necessary resources for the cadet leadership to accomplish established goals and standards. This course fills the requirements and substitutes for Leadership Education & Training 2, 3, or 4. **Required Fee: \$60 (This includes Physical Training Uniform, LRHS Formal ticket, and Expendable Uniform components).**

**JROTC LEADERSHIP STRATEGIES HONORS (2400320)**

GRADE LEVEL: 10-12 CREDIT: 1.0

PREREQUISITE: *Concurrent enrollment in LET II, III, or IV and JROTC instructor approval.*

The intent of this course is to facilitate the integration and collaboration of the battalion staff and company leadership command teams. An introduction to leadership theory, styles, and skills will be given. Students will perform daily operational functions of running the Mustang Battalion (which is modeled after an Army Battalion).

**A class fee of \$35.00 is required for the purchase of the LRHS JROTC Polo shirt, which will be worn by key leaders at special functions, as well as one day per week during class.**

**JROTC APPROACHES TO LEADERSHIP HONORS (2400330)**

GRADE 11-12 CREDIT 1.0

PREREQUISITE: *Students must be concurrently enrolled in JROTC as LET III or IV and have completed Leadership Strategies Honors.*

This course intends to facilitate the integration of Cadets to perform meaningful service-learning projects, Cadet improvement Plan development and execution, and Joint Program of Accreditation (JPA) readiness each year. The focus will be on how to incorporate the theories learned in Leadership Strategies into practical engagement. Third- and fourth-year students receive instruction in leadership, citizenship (current events and American government), communication, and resource management. Students also serve as assistant instructors for various projects, labs, and training for company-level JROTC classes. This program emphasizes leadership training and the responsibilities of American citizenship. The student's grades will be based on their development management and execution of service-learning, cadet improvement, and JPA programs within the student leader's sphere of influence. This course is offered as a second honors course for all key leaders within the JROTC program.

This course will only be offered during one class period each school year. Key leaders and staff members are expected to participate in and lead Cadets in extra-curricular and community outreach activities. **A class fee of \$35.00 is required for the purchase of the LRHS JROTC Polo shirt, which will be worn by key leaders at special functions, as well as one day per week during class.**

## Language Arts

### **JOURNALISM 1 (1006300)**

GRADE LEVEL: 9,10,11,12      CREDIT: 1.0

PREREQUISITE: *B or higher in the previous English course.*

Journalism 1 provides the instruction necessary to develop competency in writing news and sports stories as well as features and editorials. In addition to written work, students will receive instruction in the history and traditions of journalism as well as workshop experience in newspaper layouts, advertising, and other practical aspects of newspaper production.

### **JOURNALISM 2 (1006310)**

GRADE LEVEL: 10,11,12      CREDIT: 1.0

PREREQUISITE: *B or higher in Journalism 1 and completion of the application.*

This course provides the training necessary for the successful production of either school news reports or the yearbook for first-year staff members. Students receive practice in gathering information and in writing news copy, sports, features, and editorials. Students will be introduced to and have experience with computer desktop publishing. Students must complete an application process to register for this course.

### **JOURNALISM 3 (1006320)**

GRADE LEVEL: 11,12      CREDIT: 1.0

PREREQUISITE: *B or higher in Journalism 2 and completion of the application.*

Journalism 3 is a production class where students will create LRHS news stories on a regular basis. This includes gathering information from appropriate sources, especially personal interviews, to write the stories. All staff members will be required to become proficient in graphic arts pertaining to page layout processes that include the placement of stories, photographs, artwork, and headlines. Each student will be assigned to a primary position or responsibility. Students should be aware that the quality of products produced is the basis for grading.

### **JOURNALISM 4 (1006330)**

GRADE LEVEL: 12      CREDIT: 1.0

PREREQUISITE: *B or higher in Journalism 3 and completion of the application.*

This course is intended for advanced student journalists who will take leadership roles in the publication of school news. Responsibilities will include but are not limited to, assigning, and supervising the production of stories, successful delivery of school news, professional outreach to local media outlets, and other relevant and appropriate tasks. Students should be aware that the quality of the products they produce is the basis for grading. Students must complete an application process to register for this course.

### **JOURNALISM 5 HONORS (1006331)**

GRADE LEVEL: 12      CREDIT: 1.0

PREREQUISITE: *Teacher approval.*

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

### **SPEECH 1 (1007300)**

GRADE LEVEL: 9,10,11,12      CREDIT: 1.0

PREREQUISITE: *C or higher in a previous English class.*

This course provides basic instruction in public speaking. Students write speeches and practice body language, inflection, eye contact, and overall effectiveness. Units cover the communication process, stage fright, extemporaneous and impromptu speaking, and all types of demonstrative, expository, and persuasive speeches. The second semester introduces students to parliamentary procedure and Student Congress.

### **CREATIVE WRITING 1/2 (1009320/1009330)**

GRADE LEVEL: 10,11,12      CREDIT: 1.0

PREREQUISITE: *B or higher in a previous English class.*

The purpose of this course is to develop writing and language skills needed for individual expression in various genres. Instructional content will include reading, analyzing, and writing short stories and poetry in various forms; applying critical feedback to the revision of personal works; interacting critically with other students engaged in creative writing; preparing for oral interpretation of personal work; and participating in public performances.

### **ENGLISH LANGUAGE DEVELOPMENT (1002380)**

GRADE LEVEL: 9,10,11,12      CREDIT: 1.0

PREREQUISITE: *ESOL teacher approval.*

The purpose of this course is to provide instruction to native speakers of a language other than English in developmental language arts skills, including reading, writing, listening, and speaking. The main goal of the course is the acquisition of more integrated English communication skills. This course can be scheduled with the ESOL Listening/Speaking courses for students with an LAS level of 1. This course earns elective credit only.

## ***Leadership Skills Development***

### **PEERS AS PARTNERS IN LEARNING – PIT CREW (1400340)**

Grade Level: 11,12      CREDIT: 1.0

PREREQUISITE: *Must fill out an application to participate. Acceptance will be based on GPA, attendance, and discipline records.*

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.

### **EXECUTIVE INTERNSHIP (0500300)**

GRADE LEVEL: 11,12      CREDIT: 1.0

PREREQUISITE: *Minimum GPA OF 3.0. Must fill out an application to participate. Acceptance will be based on GPA, attendance, and discipline records.*

The course provides a practical introduction to the work environment through direct contact with professionals and collaboration with colleagues. Students work in an office atmosphere assisting students and staff. Successful student assistants possess good organizational skills, pay attention to detail, are creative, have a strong work ethic, and work well both independently as well as with others. Strong communication skills are necessary as students will be required to interact with campus visitors, parents, and fellow students in person and on the telephone. Students will be assigned to work in multiple areas on campus including the front office, Student Services, attendance office, Media Center, and Technology Office.

### **LEADERSHIP SKILL DEVELOPMENT (STUDENT GOVERNMENT ASSOCIATION) (2400300)**

GRADE LEVEL: 11,12      CREDIT:1.0

PREREQUISITE: *Minimum 3.0 GPA, completed application (picked up in room 602), and interview.*

The purpose of this course is to teach leadership skills, parliamentary procedure, problem-solving, decision-making, communication skills, group dynamics, time and stress management, public speaking, human relations, public relations, team building, and other group processes.

### **LEADERSHIP TECHNIQUES (SGA) (2400310)**

GRADE LEVEL: 12      CREDIT: 1.0

PREREQUISITE: *Minimum 3.0 GPA, completed application (picked up in room 602), and interview.*

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, and the role of leadership in a democratic society.

## Music Education

Music students may take more than one music class with instructor approval.

### **GITAR 1 (1301320)**

GRADE LEVEL: 9,10,11,12      CREDIT: 1.0

Beginning Guitar is a non-performing class intended for the beginning-level guitar student. The primary goal of the course shall be to provide instruction in basic music theory and playing skills related to guitar, including note reading, basic chords, and strumming. School guitars are available for student use.

### **KEYBOARD 1 (1301360)**

GRADE LEVEL: 9,10,11,12      CREDIT: 1.0

Students build fundamental piano techniques while learning to read music, acquire and apply knowledge of basic music theory, and explore the role of keyboard music in history and culture. Beginning pianists develop skills in analytical listening and explore musical creativity in the form of basic improvisation and basic composition.

### **KEYBOARD 2 (1301370)**

GRADE LEVEL: 10,11,12      CREDIT: 1.0

PREREQUISITE: *Keyboard 1 or relative music experience.*

Students build on previous piano techniques and skills through reading music, acquiring and applying knowledge of music theory, and exploring the role of keyboard music in history and culture. Students learn repertoire from various styles and time periods, exploring the historical influence keyboards have had on music performance and composition. Students explore the basic tools of music technology (i.e., MIDI keyboards). Public performances may serve as a culmination of instructional goals.

### **KEYBOARD 3 (1301380)**

GRADE LEVEL: 11,12      CREDIT: 1.0

PREREQUISITE: *Keyboard 2 or relative music experience.*

Students develop advanced knowledge of piano techniques, musical literacy, solo and ensemble performance skills, and related musical knowledge, using a variety of advanced piano literature. Students explore the historical influence keyboards have had on music performance and composition and apply criteria to assess their own and others' piano performances. Students extend their knowledge of music technology (i.e., MIDI keyboards) and its connection to the computer and other sound-generating devices. Public performances may serve as a culmination of specific instructional goals.

### **KEYBOARD 4 HONORS (1301390)**

GRADE LEVEL: 12      CREDIT: 1.0

PREREQUISITE: *Keyboard 3 or relative music experience.*

Students develop highly advanced piano techniques, music literacy, solo performance skills, and related musical knowledge through a variety of advanced piano literature. Students work toward greater musical independence through accompanying other musicians, performing solos, and/or creating original music compositions. In keeping with the rigor expected in an Honors course, students undertake an independent study that includes a synthesis of learning and experience. Public performances may serve as a culmination of specific instructional goals.

### **MUSIC TECHNIQUES - KEYBOARD (1305500K)**

GRADE LEVEL: 10,11,12      CREDIT: 1.0

PREREQUISITE: *Previous enrollment in a high school keyboard program or relative music experience.*

In this course, students will focus on developing technical skills in instrumental performance, as well as in music literacy and sight reading through the study of a variety of music genres. Emphasis is placed on the development of musicianship through progressive technical studies, modern and classical solo and ensemble literature, public performance, and written assignments. Musical skills as well as aesthetic critique are assessed each quarter. Students will grow in their performance abilities on their keyboard skills as well as improve their practice routine, aural skills, music terminology, and music symbol identification. Students will be presented with musical literature that represents different cultures, styles, and periods of music appropriate for their ability. Students are encouraged to seek private lessons.

### **SYMPHONIC BAND (1302300-330A)**

GRADE LEVEL: 9,10,11,12      CREDIT: 1.0

The Symphonic Band is an intermediate band in the LRHS band program. Coursework is designed for the experienced intermediate musician—an ensemble of wind instrumentalists performing traditional wind band repertoire as well as new 20th-century compositions. A strong emphasis is placed on the development of fundamental woodwind and brass performance. Symphonic Band rehearses during its determined class periods; participation in some activities and several performances beyond regular school hours is also required. All LRHS Concert and Jazz Band students purchase formal wear their first year in the program, which they then own and use for the four years that they are enrolled. LRHS Band students participate in the Mustang Marching Band. Marching Band Registration is held in the spring every year following High School Registration.

### **WIND SYMPHONY (1302300-340) OR (1302460-490) OR (JUNIORS AND SENIORS 1302340 HONORS OR 1302350 HONORS)**

GRADE LEVEL: 9, 10,11,12      CREDIT: 1.0

PREREQUISITE: *The Director's signature is required for placement in Wind Symphony.*

Wind Symphony is the premiere artistic concert band in the LRHS band program. Coursework is designed for students who have achieved an exceptional level of proficiency in their instrument. Students study both traditional wind band repertoire as well as new 20th-century compositions. Wind Ensemble rehearses during its determined class period as well as pre-scheduled after-school rehearsals; participation in some activities and several performances beyond regular school hours is also required. All Wind Symphony students must participate in solo and ensemble festival auditions for an honor band or FMEA All-State. All LRHS Concert and Jazz Band students purchase formal wear their first year in the program, which they then own and use for the four years that they are enrolled. LRHS Band students participate in the Mustang Marching Band. Marching Band Registration is held in the spring every year following High School Registration.

### **JAZZ BAND (1302500-530)**

GRADE LEVEL: 9,10,11,12      CREDIT: 1.0

PREREQUISITE: *Must be in the concert program.*

This course explores the history, theory, and traditions of the jazz music idiom. A strong emphasis is placed on the development of swing, Latin, bebop, funk, rock, and contemporary styles. Improvisation is an intricate component of this art style. Students will be given guidance and opportunities to develop their improvisation skills. Improvisation skills are taught with coursework designed for the beginning/intermediate/advanced level jazz player. The music of Count Basie, Duke Ellington, Glen Miller, and Thad Jones are studied. Participation in activities, rehearsals, and performances beyond regular school hours is a required part of this course. Concert and Jazz Band students purchase formal wear their first year in the program, which they then own and use for the four years that they are enrolled.

### **PERCUSSION CLASS (1302460-490)**

GRADE LEVEL: 9,10,11,12      CREDIT: 1.0

PREREQUISITE: *Must be in the concert program.*

This class is designed exclusively for percussionists. Students will become proficient in the major areas of percussion study including timpani, keyboards, snare drum, auxiliary instruments, hand drums, and drum set. Students are exposed to the music of various cultures through percussion ensembles and solo literature.

The Percussionists rehearse during the determined class period as well as scheduled after-school rehearsals; participation in activities (Solo and Ensemble festivals are mandatory) and football games/competitive performances beyond regular school hours are also required. LRHS Band students are encouraged to participate in the Mustang Marching Band. Registration is held in the spring of every year following High School Registration.

### **EURHYTHMICS – COLORGUARD (1305300-330)**

GRADE LEVEL: 9,10,11,12      CREDIT: 1.0

This course combines dance, drama, performance, and the manipulation of flags, sabers, and rifles into one magical artistry of pageantry. This is now one of the most popular activities in the high school curriculum. This outstanding performing group is an important part of the Mustang Marching Band, which performs in the fall. In the spring, in addition to various dance recitals, these performers form a group called the Winter Guard, which performs a wide range of visual performance arts and choreography. LRHS Eurythmics students are encouraged to participate in the Mustang Marching Band. Marching Band Registration is held in the spring every year following High School Registration.

### **CHORUS (1303300-330)**

GRADE LEVEL: 9,10,11,12      CREDIT: 1.0

This entry-level class is designed for students with little or no choral experience and promotes enjoyment and appreciation of the music through the performance of a beginning choral repertoire from a variety of times and places. Rehearsals focus on the development of critical listening skills, foundational instrumental techniques and skills, music literacy, ensemble skills, and aesthetic musical awareness culminating in periodic public performances.

### **VOCAL ENSEMBLE 1-3 and VOCAL ENSEMBLE 4 HONORS (1303440-470)**

GRADE LEVEL: 9,10,11,12      CREDIT: 1.0

Students develop basic musicianship and ensemble performance skills through the study of basic, high-quality music in diverse styles. Musicians focus on building foundational music techniques, music literacy, listening skills, and aesthetic awareness. Public performances serve as the culmination of instructional goals. Students are required to attend and/or participate in rehearsals and performances outside of the school day to support, extend, and assess learning in the classroom. (Vocal Ensemble 4 receives Honors credit.)

### **ORCHESTRA 1-4 and 5 Honors (1302360-390 and 1302400)**

GRADE LEVEL: 9,10,11,12      CREDIT: 1.0

*PREREQUISITE: The Director's approval or previous enrollment in a middle/high school orchestra program with at least one year of performance experience on a string instrument.*

This course is open to all returning string players. In this course, orchestra students will focus on developing technical skills in bowing and left-hand facility, as well as in music literacy and sight-reading. Emphasis is placed on the development of musicianship through progressive technical studies, modern and classical orchestra literature, public performance, and written assignments. Musical skills as well as aesthetic critique are assessed each quarter. In orchestra, students will grow in their performance abilities on their individual instruments as well as improve their aural skills, musical terminology, and music symbol identification. Orchestra students will be presented with musical literature that represents different cultures, styles, and periods of music that are appropriate for their level of ability. Students are required to participate in/attend all scheduled concerts/events. **Fees may apply**

## **Physical Education (PE)**

### **HOPE (3026010)**

GRADE LEVEL: 9,10,11,12      CREDIT: 1.0

This course focuses on preventative health and the importance of maintaining a healthy balance of physical, mental, emotional, and social health. Current topics include nutrition, tobacco, drugs, STDs, and stress management skills. The physical education portion utilizes a variety of activities in physical fitness concepts, developing an optimal level of physical fitness and understanding the significance of a healthy lifestyle. Topics include health risk factors, components of fitness, exercise guidelines, principles of training, nutrition, body composition, and consumer issues. A donation will be requested to help finance PE equipment.

### **INDIVIDUAL & DUAL SPORTS 1 & 2 (1502410/1502420)**

GRADE LEVEL: 9,10,11,12      CREDIT: 1.0

This course offers a variety of activities in individual and dual sports play in sports such as pickle ball, Frisbee, Frisbee golf, racquetball, table tennis, track and field, tennis, and badminton. Students will develop basic skills, improve fitness levels, and learn safety practices, techniques, strategies, rules, and the history of chosen sports. Attendance, dressing out, class participation, and exams will determine students' grades. A donation will be requested to help finance PE equipment.

### **TEAM SPORTS 1 & 2 (1503350/1503360)**

GRADE LEVEL: 9,10,11,12      CREDIT: 1.0

Team Sports offers a variety of sports games and activities, such as basketball, volleyball, soccer, flag football, softball, and many more. Emphasis is placed on communication, cooperation, lifetime enjoyment, cardiovascular fitness, and knowledge of the various sports as to history, rules, safety, and teamwork. Creating a commitment to a lifetime enjoyment of sports is foremost. Attendance, dressing out, class participation, and exams will determine students' grades. A donation will be requested to help finance PE equipment.

### **WEIGHT TRAINING 1 & 2 (1501340/1501350)**

GRADE LEVEL: 9, 10,11,12      CREDIT: 1.0

PREREQUISITE: *Priority is given to LRHS student-athletes.*

This course provides students the opportunity to acquire basic knowledge and skills in weight training. Course content includes safety practices, the importance of muscular strength and endurance proper techniques, and an assessment of basic skills. There will be an emphasis on cardiovascular fitness and stretching. Attendance, dressing out, and class participation will determine students' grades. A donation will be requested to help finance PE equipment.

### **WEIGHT TRAINING 3 (1501360)/POWER WEIGHT TRAINING (1501410)**

GRADE LEVEL: 11,12      CREDIT: 1.0

PREREQUISITE: *Weight Training 1 & 2 and teacher approval. Priority is given to LRHS student-athletes.*

Weight Training 3 reinforces previous weight training knowledge, safety practices, application of weight training program design, organization and administration of weight-lifting activities, implementation, and realization of personal weight training program goals. There is an emphasis on cardiovascular fitness and stretching. In Power Weight Training 1, students acquire knowledge and skills in power weight training and improve or maintain health-related physical fitness. This course will include safety practices, assessment of health-related fitness, skills, techniques, strategies, and rules of weight training. There will be an emphasis on cardiovascular fitness and stretching. Attendance, dressing out, and class participation will determine students' grades. A donation will be requested to help finance PE equipment.

### **BASKETBALL 1 & 2 (1503310/1503315)**

GRADE LEVEL: 10,11,12      CREDIT: 1.0

The purpose of this course is to acquire knowledge and skills in the game of basketball. Students will improve their fitness levels and work on techniques, skills, and strategies. Attendance, dressing out, class participation, and exams will determine students' grades. A donation will be requested to help finance PE equipment.

### **VOLLEYBALL 1 & 2 (1505500/1505510)**

GRADE LEVEL: 10,11,12      CREDIT: 1.0

The purpose of this course is to learn the offense and defense of the sport of volleyball. Students will learn the skills and rules of a variety of indoor and outdoor volleyball games. Attendance, dressing out, class participation, and exams will determine students' grades. A donation will be requested to help finance PE equipment.

### **FIRST AID & SAFETY (0800320)/CARE & PREVENTION OF ATHLETIC INJURIES (1502490)**

GRADE LEVEL: 11,12                      CREDIT: 1.0

The purpose of First Aid and Safety is to acquire advanced skills in first aid, emergency care, and personal, community, and environmental safety. Students will have the opportunity to become certified through the American Heart Association for an additional fee. In Care and Prevention of Athletic Injuries, students receive an overview of the basics of athletic training, including the care, prevention, management, treatment, and rehabilitation of athletic injuries. Instruction will include basic anatomy, physiology, and kinesiology concerning athletic injuries. Students will be expected to demonstrate appropriate taping, wrapping, and bracing techniques for athletic injuries. A donation will be requested to help finance PE equipment.

## World Languages

Native speakers are strongly encouraged to meet with a French/Spanish teacher to be assessed for proper placement as they will likely find an advanced class more rewarding. This assessment can take place in the spring to avoid any schedule changes after school begins. Please contact your counselor for information on arranging an assessment. Freshmen and students new to LRHS can have this assessment completed during the LRHS Orientation which takes place the week before school starts.

### **FRENCH 1 (0701320)**

GRADE LEVEL: 9,10,11,12                      CREDIT: 1.0

PREREQUISITE: *B or higher in previous English/Language arts class. Native speakers will be given an assessment test to determine placement.*

This course develops the language skills of listening, speaking, reading, and writing in French. Students should expect this course to focus on building vocabulary, and grammatical structures, and learning about French-speaking countries around the world. Students will be expected to prepare for class daily.

### **FRENCH 2 (0701330)**

GRADE LEVEL: 10,11,12                      CREDIT: 1.0

PREREQUISITE: *C or higher in French 1. Native speakers will be given an assessment test to determine placement.*

This course further develops the language skills of listening, speaking, reading, and writing. Students should expect this course to focus heavily on grammatical structures. To be successful in this course, students are expected to have successfully grasped concepts taught in French 1, and, to have a working knowledge of French 1 vocabulary.

### **FRENCH 3 HONORS (0701340)**

GRADE LEVEL: 11,12                      CREDIT: 1.0

PREREQUISITE: *B or higher in French 2. Native speakers will be given an assessment test to determine placement.*

This Honors level course continues to enhance proficiency in the French language by building on the knowledge and vocabulary learned in French 2 to develop speaking, reading, and writing skills more fully. Students will expand their vocabulary, conversational skills, and knowledge of grammatical structures including past tenses, future tenses, the conditional tense, and the subjunctive. Students will be expected to speak in French and prepare daily for class.

### **FRENCH 4 HONORS (0701350)**

GRADE LEVEL: 12                      CREDIT: 1.0

PREREQUISITE: *B or higher in French 3 Honors. Native speakers will be given an assessment test to determine placement.*



This course continues to enhance proficiency in the French language. Emphasis will be placed on listening, speaking, reading, and writing in French while addressing the six AP French themes. Students are expected to speak in French and should prepare daily for class. The purpose of this course is the further develop skills needed for AP French.

### **SPANISH 1 (0708340)**

GRADE LEVEL: 9,10,11 CREDIT: 1.0

PREREQUISITE: *B or higher in previous English/Language Arts class. Native speakers will be given an assessment test to determine placement. **Students scoring a level 1 on the FAST/ELA may find this class extremely difficult.***

This course develops the skills of listening, speaking, reading, and writing, with emphasis given to listening and speaking. Spanish 1 requires memorization of vocabulary, grammar, and dialogues to ingrain patterns and sentence structure. Culture, history, geography, and current events of Spain and Latin America are also introduced. To be successful in this course, students are expected to prepare daily, and out-of-class assignments will average three to four hours per week.

### **SPANISH 2 (0708350)**

GRADE LEVEL: 9,10,11,12 CREDIT: 1.0

PREREQUISITE: *C or higher in each semester of Spanish 1. Native speakers will be given an assessment test to determine placement.*

This course further develops the language skills of listening, speaking, reading, and writing. Students should expect this course to focus heavily on vocabulary and grammar structures. To be successful in this course, students are expected to have successfully grasped grammar concepts taught in Spanish 1 as well as to have a good working knowledge of Spanish 1 vocabulary. Students will be expected to prepare daily, and out-of-class assignments will average three to four hours per week.

### **SPANISH 3 HONORS (0708360)**

GRADE LEVEL: 9,10,11,12 CREDIT: 1.0

PREREQUISITE: *B or higher in each semester of Spanish 2. Native speakers will be given an assessment test to determine placement.*

This advanced course builds on the knowledge acquired in Spanish 2 to develop speaking, reading, and writing skills more fully. Students will expand their vocabulary, conversational skills, and knowledge of grammar structures including past tenses, commands, and the subjunctive mood. Cross-cultural understanding will be enriched, and real-life application will be further emphasized. Students should be aware that this is an honors-level class and are expected to prepare daily. Out-of-class assignments will average three to four hours per week and students should be prepared to devote that amount of time to this course.

### **SPANISH 4 HONORS (0708370)**

GRADE LEVEL: 10,11,12 CREDIT: 1.0

PREREQUISITE: *B or higher in each semester of Spanish 3 Honors. Native speakers will be given an assessment test to determine placement.*

Spanish 4 Honors continues to enhance listening, speaking, reading, and writing proficiency in the Spanish language. Emphasis is placed on Hispanic culture, and students learn about the geography, culture, history, and literature of each Spanish-speaking country. Students are expected to participate using the target language. This is an honors course and students are expected to prepare daily. Out-of-class assignments will average two to four hours per week and students should be prepared to devote that amount of time to this course. The purpose of this course is to further develop the knowledge and skills needed for AP Spanish.

### **AP SPANISH LANGUAGE & CULTURE**

GRADE LEVEL: 11, 12 CREDIT: 1.0

PREREQUISITE: *B or higher in each semester of Spanish 4 Honors. (3.0 grade point average and level 3 or higher on the FSA/ELA, passed a nationally normed standardized test or earned the required comparative/concordant score within the last two years to be eligible to participate in Advanced Placement). must maintain a b during the first quarter of AP Spanish Language. Native speakers will be given an assessment test to determine placement.*

AP Spanish Language and Culture focuses on developing Interpersonal, Interpretive, and Presentational Communication to prepare students for the AP Spanish Language and Culture exam. The course centers around six major AP Spanish themes and their respective sub-themes that integrate language, content, and culture. The class will be conducted entirely in Spanish. This is an AP course and students are expected to prepare daily. Out-of-class assignments will average three to four hours per week and students should be prepared to devote that amount of time to this course. Students who pass the exam with a 3 or higher, earn college credit and a seal of biliteracy.

### **AP SPANISH LITERATURE & CULTURE**

GRADE LEVEL: 11, 12                      CREDIT: 1.0

PREREQUISITE: *Must have passed the AP Spanish Language and Culture exam with a 4 or 5.*

This course covers Peninsular Spanish, Latin American, and U.S. Hispanic literature from the 14th century to the contemporary period. The course is divided into eight units, which encompass 38 titles including short stories, novels, poetry, drama, and essays. The purpose of this course is for students to develop their critical reading and analytical skills and deepen their cultural understanding. Students will be encouraged to make interdisciplinary connections, as well as linguistic and cultural comparisons. The course will be conducted entirely in Spanish. Students who pass the exam with a 3 or higher, earn college credit.

## Mission Statement

Lakewood Ranch High School, with the support of staff, parents, and the community, will strive to inspire each student to recognize and achieve his or her maximum individual potential through academic excellence, personal integrity, and responsible citizenship.



The mission of the Manatee County School District is to inspire our students with a passion for learning, empowered to pursue their dreams confidently and creatively while contributing to our community, nation, and world.

Dustin Dahlquist, Principal  
Jeannie Galindo, Assistant Principal  
Michael Staker, Assistant Principal  
Thomas Bellantonio, Assistant Principal