

NEWBERRY HIGH SCHOOL

PROGRAM OF STUDIES

2024 - 2025



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NEWBERRY HIGH SCHOOL

“Once A Panther, Always a Panther!”

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“We are committed to the success of every student.”

THE SCHOOL BOARD OF ALACHUA COUNTY

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The information contained in this Program of Studies is subject to change at any time due to changes in legislation and School Board Policy.

MESSAGE FROM THE PRINCIPAL

Welcome to Newberry High School!

At Newberry High School, we are committed to the success of ALL students. To achieve success, each student must accept the responsibility of working to his or her full potential. This course directory will help students in this endeavor.

We provide a wide range of courses that include academic, vocational, and elective offerings. Students should familiarize themselves with the credits required for graduation and then plan courses that will be interesting, challenging, and helpful in preparing them for their career goals. In your planning, remember that graduation requirements are the minimum you must take to earn a high school diploma and are currently based on the year you first enter high school.

As students consider different courses, they should check this directory for information on the course overview and then talk to their parents, guidance counselor, and teachers regarding their tentative selections. With this course directory, and by keeping everyone involved, students should make better-informed decisions.

Sincerely,

James Sheppard
Principal



PROGRAM OF STUDIES

This *Newberry High School Program of Studies* has been prepared to assist parents and students in planning for high school. Please thoroughly review the information to become familiar with the wide variety of programs and courses that are available. (Please note that not all courses listed in the Program of Studies are available every year.)

As you plan your program of learning experiences, we suggest you do the following:

- Analyze your strengths, limitations, interests, and future goals.
- Discuss your educational and vocational plans with your parents, teachers, and NHS Guidance Counselor.
- Base your school program and course selections on information from the sources above. Remember, the courses you select will determine your route to learning and influence which courses will be offered.

Newberry High School is dedicated to helping you achieve your maximum potential. We hope that we can help make your high school experiences meaningful, pleasant, and rewarding. To help you succeed during your time at Newberry High School, we offer a wide range of courses that include academic, vocational, and elective classes. We encourage you to visit our [NHS Student Information Center](#) within the [Newberry High School website](#) for more information.

REGISTRATION INFORMATION

Core Academic Courses

In the Spring, Newberry High School teachers will recommend students for English, Mathematics, Sciences, and Social Studies courses, as well as select electives. Recommendations for these courses are based on teacher endorsement, the student's performance in previous coursework and prerequisites, and scores on standardized tests.

For rising 9th grade students enrolling at Newberry High School, registration for the following school year begins in March with middle school teachers discussing possible course selections with their students and ends in May with final registration for all students. It is critical that parents remain involved with their students throughout this process. Decisions made will have far-reaching effects, and it is important that parents and students carefully consider the choices available.

If parents and students wish to override a teacher's recommendation in the areas of English, Mathematics, Sciences, or Social Studies, parents should first speak with the teacher issuing the recommendation. In the absence of a modification of the teacher's recommendation, parents may seek a waiver from the Assistant Principal for the requested course. Consideration of a parent waiver should be taken very seriously, as it is a binding decision. The window of time for processing waivers is late May through the last full week in June. All other requests for changes in course selections may also be made at this time through the Guidance Office; however, **it is important to note that after the end of June NO requests for a change may be made. Since the District requires completion of the master schedule very early, the deadline for changes is firm.**

Elective Courses

Beginning each year in March, students submit requests for their remaining courses. Newberry High School has made a commitment to resolve all scheduling conflicts prior to the students' return to school in August for the next school year. To facilitate this process, students need to select alternate courses at the time of registration. If the use of an alternate course resolves a scheduling conflict, the alternate is added to a student's schedule. This process makes the selection of alternate courses extremely important, since they may actually be used. Choices need to be made thoughtfully and carefully. If a student has a serious conflict, contact will be made during the summer to discuss other options, provided the school has a current phone number.

When considering course selections, the following items may help students plan a schedule which meets individual interests and needs:

- This Program of Studies contains information on course descriptions and is available on the [Newberry High School website](#). If you need more information, ask a teacher in that particular department or your NHS Guidance Counselor.
- A "D/F" grade is a very insecure foundation for building success in a sequential course. If a student receives a "D/F" grade and wishes to continue such a course path, we would advise consulting with the teacher of the current course.
- Check credits carefully for those already earned and those still needing to be earned. Be certain to schedule the credits necessary for graduation. If in doubt, see your NHS Guidance Counselor. Credits can also be viewed in Skyward.
- Students should choose challenging courses appropriate to their individual strengths and abilities.

When school begins in August, the only student / parent-generated requests for change permitted are the following:

- The student has already received credit for the course in which he / she is enrolled;
- The student does not have the proper prerequisite for a class in which he / she is scheduled;
- The student has an incomplete schedule;
- The student needs a credit in a course in order to meet graduation requirements (applies to Seniors only); or
- The student needs a course in order to meet the requirements of a state scholarship program, such as Bright Futures Scholarship Program (applies to Seniors only).

While we endeavor to satisfy all of our students' course and scheduling requests, we are bound to maximum class-size enrollments in our core academic subjects, per state law.



VISION STATEMENT

We will graduate students who have the knowledge, skills, and personal characteristics to be lifelong learners and independent thinkers. Our graduates will excel in their chosen careers and be productive and contributing members of the global community.



STUDENT RIGHTS

Alachua County Public Schools do not discriminate on the basis of race (including anti-Semitism), ethnicity, color, national origin, sex (including sexual orientation, transgender status, or gender identity), physical and mental disability (including but not limited to: HIV, AIDS, or sickle cell trait), (Section 504/ADA), pregnancy, marital status, or age, religion, military status, ancestry, use of language other than English by Limited English Proficiency (LEP) students, or genetic information, or other legally protected characteristics in its educational programs and activities.

The District's 504/Title IX/Equity Coordinators for students are Dr. Toni Griffin, Supervisor of School Counseling, 620 East University Avenue, Gainesville, FL 32601 (352) 955-7671 ext. 1610 and Dr. Donald Reed, Supervisor of Student Support Services, 620 East University Avenue, Gainesville, FL 32501 (352) 955-7671 ext. 1661. In addition, each school has a school-based Title IX Coordinator, which is listed under each school's faculty and staff webpage. A compiled list can be found on the District's Title IX webpage: <http://www.sbac.edu/title9>.

STUDENT RESPONSIBILITY

Students have a responsibility to their friends and fellow students. School safety is everyone's job! If a student hears of a situation of concern regarding violence, weapons, fighting, abuse or self-harm, take it seriously. Report it to a trusted adult. Remember, reporting is not "snitching." If someone is in danger of being hurt, tell someone. If nothing is done, tell someone else until your voice is heard. Students can report a situation of concern anonymously through the Fortify Florida app, a suspicious activity reporting tool that allows you to instantly relay information to appropriate law enforcement agencies and school officials. The Fortify Florida app was designed in response to the Marjory Stoneman Douglas High School Public Safety Act and related school safety legislation in order to keep Florida students safe by allowing them to report anyone threatening violence. The app is free for anyone to download on the Apple App Store and Google Play. If you would like to submit a tip without downloading the app, you can submit information through the website by going to <https://getfortifyfl.com/>.

HIGH SCHOOL GRADUATION OVERVIEW

The graduation path at Newberry High School includes opportunities to take rigorous academic courses designed to prepare students for their future academic and career

choices. All students must earn a minimum 2.0 Grade Point Average (GPA) on a 4.0 unweighted scale.

Students are required to earn at least 24 credits, including courses in the subject areas of English, Mathematics, Sciences, Social Studies, Fine or Practical Arts, and a Physical Education course which includes an integration of health, and 7.5 elective credits. A course taken before the ninth grade may be used to satisfy high school graduation requirements or Florida Bright Future Scholarship Program requirements provided the course is designated as a grade 9-12 course.

Foreign language credits are not required for high school graduation, although it is recommended for community college preparation and is required for admission to Florida's state universities and the application for some Florida Bright Futures Scholarships.

Beginning in the 2022-2023 school year, students will have three short check-ins for English Language Arts and Algebra 1, allowing for informed instruction in a timely manner and helping instruction to be tailored to each student's individual needs. The first and second exams of the school year will be used to establish a baseline and see mid-year results of how students are progressing. The results are for informational purposes and should be used to identify areas that may need additional instruction and support. The final exam provides a summative score at the end of the year to measure student mastery of the grade-level content standards. Students will be required to pass the third exam for both English Language Arts and Algebra 1 for graduation purposes.

For students entering Grade 9 in 2023-24 and beyond, the completion of 0.5 credit of Personal Financial Literacy is now required pursuant to Florida Senate Bill 1054, thereby reducing the number of necessary elective credits to 7.5 credits. The Florida financial literacy bill requires students to earn one half credit in a personal finance course that teaches them basic money skills like budgeting, saving and investing, as well as how to file taxes, the different types of bank accounts and how to open accounts, credit and credit scores, types of savings and investments, and completing loan applications.

For information about a special diploma and other graduation options for students with disabilities, contact your NHS Guidance Counselor or exceptional education teacher, or visit the [Florida Department of Education](#).

All students are strongly encouraged to meet with their NHS Guidance Counselor regularly to plan and monitor their progress towards high school graduation. In addition to the *Newberry High School Program of Studies*, students should also become familiar with the important information found in the [Alachua County Public Schools Student Progression Plan 2023-2024](#). It is the responsibility of students to ensure that they are meeting all graduation requirements. Students, parents and guardians are strongly encouraged to work closely with your NHS Guidance Counselor to ensure that you are maintaining a course of study that will enable you to meet all graduation requirements.

The standard diploma requirements for the Class of 2025 and 2026 are set forth below:

Standard Diploma Requirements

Academic Advisement – What Students and Parents Need to Know

What are the diploma options?

Students must successfully complete one of the following diploma options:

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

What are the state assessment requirements?

Students must pass the following statewide assessments:

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

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

Students enrolled in the following courses must participate in the corresponding EOC assessment, which constitutes 30 percent of the final course grade[†]:

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

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

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

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

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

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

24 Credit Standard Diploma

4 Credits ELA
<ul style="list-style-type: none"> • ELA 1, 2, 3, 4 • ELA honors, Advanced Placement (AP), AICE, IB and dual enrollment courses may satisfy this requirement
4 Credits Mathematics*
<ul style="list-style-type: none"> • One of which must be Algebra 1 and one of which must be Geometry • Industry Certifications that lead to college credit may substitute for up to two mathematics credits (except for Algebra 1 and Geometry) • An identified computer science** credit may substitute for up to one mathematics credit (except for Algebra 1 and Geometry)
3 Credits Science
<ul style="list-style-type: none"> • One of which must be Biology 1, two of which must be equally rigorous science courses • Two of the three required course credits must have a laboratory component • Industry Certifications that lead to college credit may substitute for up to one science credit (except for Biology 1) • An identified computer science** credit may substitute for up to one science credit (except for Biology 1)
3 Credits Social Studies
<ul style="list-style-type: none"> • 1 credit in World History • 1 credit in U.S. History • 0.5 credit in U.S. Government • 0.5 credit in Economics
1 Credit Fine and Performing Arts, Speech and Debate, or Practical Arts*
1 Credit Physical Education*
<ul style="list-style-type: none"> • To include the integration of health
8 Elective Credits
1 Online Course
<p>Students must earn a 2.0 grade point average (GPA) on a 4.0 scale for all cohort years and pass statewide, standardized assessments unless a waiver of assessment results is granted by the IEP team for students with disabilities.</p>

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

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



Scholar Diploma Designation

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

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

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

Merit Diploma Designation

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

What are the additional graduation options for students with disabilities?

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

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

What is the CAP?

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

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

State University System (SUS)

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

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

[State University System of Florida](#)

The Florida College System

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

[Florida College System](#)

Career and Technical Colleges and Centers

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

[Career and Technical Education Directors](#)

Where is information on financial aid located?

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

[Office of Student Financial Assistance](#)

Please visit the [Graduation Requirements](#) page of the NHS Student Information Center to download these documents.



The Class of 2027 and beyond will be required to achieve the graduation requirements set forth below:



Academic Advisement Students Entering Grade 9 in 2023-2024 and Thereafter

What Students and Parents Need to Know

What options lead to a standard diploma?

Successful completion of one of the following options:

- 24 credits
- Advanced International Certificate of Education (AICE) curriculum
- International Baccalaureate (IB) curriculum
- 18-credit Academically Challenging Curriculum to Enhance Learning (ACCEL)
- Career and Technical Education (CTE) Pathway (See section [s.] [1003.4282](#), Florida Statutes (F.S.))

What are the state assessment requirements?

Students must pass the following statewide assessments:

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

A waiver of assessment results is granted by the Individual Educational Plan (IEP) team for students with disabilities. Additionally, students who have been enrolled in an English for Speakers of Other Languages (ESOL) program for less than two years may meet the requirement for grade 10 ELA by satisfactorily demonstrating grade level expectations of formative assessments.

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

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

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

*Special note: Thirty percent not applicable if not enrolled in the course but passed the EOC (Credit Acceleration Program [CAP]). (See s. [1008.22](#), F.S.)

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

- 2.5 elective credits instead of 7.5
- Physical Education is not required

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

- At least 18 credits are required
- 3.5 elective credits instead of 7.5
- 2 credits in CTE courses, must result in a program completion and industry certification
- 1.5 credits in work-based learning programs; Physical Education is not required
- Fine and Performing Arts, Speech and Debate, CTE or Practical Arts is not required

24-Credit Standard Diploma Requirements

Available To All Students, Including Students With Disabilities

4 Credits: ELA
<ul style="list-style-type: none"> • ELA 1, 2, 3, 4 • ELA honors, Advanced Placement (AP), AICE, IB and dual enrollment may satisfy this requirement
4 Credits Mathematics*
<ul style="list-style-type: none"> • One of which must be Algebra 1 and one of which must be Geometry • Industry Certifications that lead to college credit may substitute for up to two mathematics credits (except for Algebra 1 and Geometry) ** • An identified computer science*** credit may substitute for up to one mathematics credit (except for Algebra 1 and Geometry)
3 Credits Science*
<ul style="list-style-type: none"> • One of which must be Biology, two of which must be equally rigorous science courses • Two of the three required course credits must have a laboratory component • Industry Certifications that lead to college credit may substitute for up to one science credit (except for Biology)** • An identified computer science*** credit may substitute for up to one science credit (except for Biology)
3 Credits Social Studies
<ul style="list-style-type: none"> • 1 credit in World History • 1 credit in U.S. History • 0.5 credit in U.S. Government • 0.5 credit in Economics
0.5 Credit in Personal Financial Literacy****
<ul style="list-style-type: none"> • 1 Credit Fine and Performing Arts, Speech and Debate, Career and Technical Education, or Practical Arts*
1 Credit Physical Education*
<ul style="list-style-type: none"> • To include the integration of health
7.5 Elective Credits
<p>Students must earn a 2.0 unweighted grade-point average (GPA) on a 4.0 scale for all cohort years and pass statewide, standardized assessments.</p>

*Eligible courses are specified in the [Florida Course Code Directory](#).
 **[Industry certifications](#) for which there is a statewide college credit articulation agreement approved by the State Board of Education may substitute for mathematics and science credit.
 ***A computer science credit may not be used to substitute for both a mathematics and science credit.
 ****This requirement was added for students entering grade nine 2023-2024 and thereafter.



Academic Advisement Students Entering Grade 9 in 2023-2024 and Thereafter What Students and Parents Need to Know



Scholar Diploma Designation
<p>In addition to the requirements of s. 1003.4282, F.S., a student must satisfy the following requirements:</p> <ul style="list-style-type: none"> • Earn 1 credit in Algebra 2 or an equally rigorous course • Pass the Geometry EOC • Earn 1 credit in Statistics or an equally rigorous mathematics course • Pass the Biology 1 EOC+ • Earn 1 credit in Chemistry or Physics • Earn 1 credit in a course equally rigorous to Chemistry or Physics • Pass the U.S. History EOC+ • Earn 2 credits in the same World Language • Earn at least 1 credit in an AP, IB, AICE or a dual enrollment course <p>***Special note: A student is exempt from the Biology 1 or U.S. History course; the student is enrolled in an AP, IB, or AICE Biology 1 or U.S. History course; takes the respective AP, IB or AICE assessment; and earns the minimum college credit.</p>
Industry Scholar Diploma Designation
<ul style="list-style-type: none"> • Meet standard high school diploma requirements • Attain one or more industry certifications from the list established (per s. 1003.492, F.S.)

What is CAP?

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

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

What are the additional graduation options for students with disabilities?

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

- Students with a most significant cognitive disability may earn credits via access courses and be assessed via an alternate assessment.
- Students enrolled in the academic and employment option must earn at least 0.5 credit via paid employment in addition to meeting the standard diploma graduation requirements.

State University System
<p>Admission into Florida's State University System (SUS) institutions is competitive. Prospective students should complete a rigorous course of study in high school and apply to more than one university to increase their chance for acceptance. To qualify to enter one of Florida's public universities, a first-time-in-college student must meet the following minimum requirements (credit earned by industry certification does not count for SUS admission):</p> <ul style="list-style-type: none"> • High school graduation with a standard diploma, a minimum of a 2.5 GPA and admission test scores meeting minimum college-ready test scores per Board of Governors (BOG) Regulation 6.008 • 16 credits of approved college preparatory academic courses per BOG Regulation 6.002 • 4 English (3 with substantial writing) • 4 Mathematics (Algebra 1 level and higher) • 3 Natural Science (2 with substantial lab) • 3 Social Science • 2 World Language (sequential, in the same language or other equivalents) • 2 approved electives
Florida College System
<p>The 28 colleges of the Florida College System serve more than 650,000 students. Colleges offer affordable and stackable workforce credentials including certificate programs, associate in science degrees and associate in arts degrees, which transfer to a bachelor's degree program. All colleges also offer workforce bachelor's degree programs in areas of high demand. All Florida College System institutions have open-door admissions for students who earned a standard high school diploma or an equivalent diploma, or earned college credit.</p>
Career and Technical Colleges and Centers
<p>Florida also offers students 49 accredited career and technical colleges or centers throughout the state, which provide the education and certification necessary to work in a particular career or technical field. Programs are flexible for students and provide industry-specific education and training for a wide variety of occupations.</p> <p>Career, Adult and Technical Education District Postsecondary Institutions</p>

Where is information on financial aid located?

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

[Office of Student Financial Assistance](#)

For more detailed information on Graduation Requirements visit the Florida Department of Education's webpage at <https://www.fdoe.org/schools/k-12-public-schools/sssi/graduation-requirements/>.

Please visit the [Graduation Requirements](#) page of the NHS Student Information Center to download these documents.

HELPFUL WEBSITES

Newberry High School strives to provide a vast array of information to help students and their families stay informed and be equipped for their current academic track, as well as prepare for future endeavors. We encourage our Panthers to utilize these resources as much as possible to learn about campus happenings, upcoming events, academic and athletic opportunities, post-secondary options, and more:

- [Newberry High School website](#)
- [NHS Student Information Center](#) (as part of the Newberry High School website)
- [Newberry High School Facebook page](#)

In addition, the following websites are useful tools for students and parents:

- [ACT.org](#): This website provides educational and career planning for students, teachers, and parents.
- [CambridgeInternational.org](#): This website is highly informative to learn more about the Cambridge programs.
- [CLTexam.com](#): This website provides information to students, teachers, and parents about the Classic Learning Test (CLT) for Grades 3-12.
- [Collegeboard.org](#): Get the latest news from the Board, including reports on College Bound Seniors, College Bound Juniors, and college costs. SAT, PSAT and AP testing information is available on this website.
- [FAFSA.ed.gov](#): The Free Application for Federal Student Aid (known as the FAFSA) is a form that can be prepared annually by current and prospective college students (undergraduate and graduate) to determine eligibility for student financial aid (Including the Pell Grant, Federal Student Loans and Federal Work Study). This site is the only free website for Federal Student Aid.
- [FloridaShines.org](#): An information-rich website of free online tools and resources to help students and adult learners succeed in school, earn a college degree, and embark on a rewarding career. Among the many features available on FloridaShines.org is the ability to easily research and compare all public colleges and universities in Florida, search for courses, check your progress to graduation, and so much more.

- [GoingMerry.com](https://www.goingmerry.com): Going Merry is a free website that provides comprehensive information on scholarships, career clusters and college preparation and choice.
- [KhanAcademy.org](https://www.khanacademy.org): Khan Academy is a free website that provides students with expert-created content and resources for every subject and level.

GRADE LEVEL CLASSIFICATION

At the beginning of each school year, the grade level classification is determined by the total number of earned high school credits.

CLASSIFICATION CREDITS:

9 th Grade:	Complete 8 th Grade
10 th Grade:	6 credits
11 th Grade:	12 credits
12 th Grade:	18 credits
Graduation:	24 credits

If, at any time, a student becomes credit deficient for graduation requirements, they may take classes to generate credits at other institutions (such as Alachua eSchool, Florida Virtual School or other accredited schools) but all coursework must be approved by your NHS Guidance Counselor before the class is taken. Additionally, students may be eligible to participate in a Credit Retrieval Options Program (CROP). ***Any course completed through the credit retrieval process (CROP) cannot be used for the purposes of NCAA eligibility, Bright Futures Scholarships, or applying to university.*** Your child's participation in CROP signifies your understanding and acceptance of this disclaimer.

BRIGHT FUTURES SCHOLARSHIP PROGRAM

The State of Florida Bright Futures Scholarship Program is a wonderful opportunity for qualified students to earn scholarship money to assist in paying college costs. There are three Florida Bright Futures Scholarships: Florida Academic Scholarship, Florida Medallion Scholarship, and the Vocational Gold Seal Scholarship. Students can qualify for more than one Bright Futures Scholarship but can only receive funding for one and must meet specific requirements. For more information about the Florida Bright Futures Scholarship Program, visit: [Florida Student Scholarship & Grant Programs](https://www.floridastudentgrant.com).

All students must meet general eligibility criteria, which include:

- ❖ Being a Florida resident;
- ❖ Graduating from a Florida high school;
- ❖ Not being guilty of a felony;
- ❖ Begin using the award within three years of graduation; and
- ❖ Attending an eligible Florida college or university.

Students apply during the second semester of their Senior year with the Florida Department of Education's Office of Student Financial Assistance, managers of the program. The Office of Student Financial Assistance will evaluate transcripts, award scholarships, notify students of their award status, and determine on-going eligibility.

Scholarship information is available through the [Florida Shines website](#), the state's academic / career advisement site. Students can set up personal accounts through [MyCareer Shines for Middle and High School](#). Further information is available at the [Office of Student Financial Assistance](#) or you may call toll free at (888) 827-2004.

TALENTED TWENTY PROGRAM

The Talented Twenty Program supports the efforts to better prepare students for life and work in the 21st century. The intent of the Talented Twenty Program is to encourage students to strive for better grades and pursue rigorous academic courses. Students eligible for the Talented Twenty Program have proven academic success in their respective K-12 public schools and are guaranteed admission, within space and fiscal limitations, to one of the 12 state universities. The following links: ([Florida DOE Talented Twenty Program](#)) and ([Talented Twenty Program FAQ](#)) include information regarding the guidelines to determine students in the top 20 percent of their graduating class and the specifications they must meet to be eligible for the Talented Twenty Program. Each school district has the responsibility of identifying the top 20 percent from each eligible high school's graduating class and must submit data for those meeting the required specifications.

The 18 credits are defined as follows:

- 4 credits ... English
- 4 credits ... Math (Algebra IA and above)
- 3 credits ... Science
- 3 credits ... Social Studies
- 2 credits ... Foreign Language
- 2 credits ... Academic electives in English, Math, Science, Social Studies, or Foreign Language

Students intending to apply to a college or university, either in-state or out-of-state, are strongly advised to take at least four units in each of the four core subject areas (English, Math, Science, and Social Studies) and two units in Foreign Language. In addition, students are advised that a third and fourth unit of Foreign Language may be required for admission to some colleges or universities. Graduation requirements of Fine Arts and Physical Education are to be included in high school course of study.

COLLEGE ADMISSION TESTS

Nearly all colleges and universities require or recommend that students submit test results from a national standardized test as part of the admission application process. The two national exams used for this purpose are the ACT and the SAT. Additionally, the CLT Exam is now accepted at all Florida public universities as well as over 250 partner colleges in the nation.

ACT (American College Testing)

The ACT includes multiple-choice tests in four subject areas — English, Mathematics, Reading, and Science. The tests measure a student's current level of educational development in these subjects. The Writing Test, which is optional, measures skills in planning and writing a short essay. Your ACT composite score, together with your high school grades, indicates how prepared you are for college. In addition, the scores from the various sections of the ACT will help your college place you in the right classes, matching your skills with course requirements. Register for the ACT Test here: [ACT Test Registration](#).

ANTICIPATED TESTING DATES (ACT)

Test Date	Deadline	Late Deadline	Online Score Release*
Sept 7, 2024	Aug 2, 2023	Aug 16, 2024	Sept 17; Nov 1, 2024
Oct 26, 2024	Sept 20, 2024	Oct 4, 2024	Nov 12; Dec 13, 2024
Dec 7, 2024	Nov 1, 2024	Nov 15, 2024	Dec 17, 2024; Jan 31, 2025
Feb 7, 2025	Jan 3, 2025	Jan 17, 2025	Feb 18; Apr 4, 2025
April 11, 2025	March 7, 2025	Mar 21, 2025	April 22; June 6, 2025
June 7, 2025	May 2, 2025	May 16, 2025	June 17; Aug 1, 2025
July 12, 2025	June 6, 2025	June 20, 2025	July 22; Sept 5, 2025

* Students will receive their scores sometime within these reporting windows

*The first date listed is when multiple-choice scores come out, and the second date is when complete scores (including essay) become available.

SAT (Scholastic Aptitude Test)

The SAT tests what you already know. It tests the Reading, Writing and Language, and Mathematics skills that you learn in school and that are critical for success in college and beyond. The questions are thoroughly researched and tested to make sure students from all backgrounds have an equal chance of succeeding. Each section of your SAT (Evidence-Based Reading and Writing and Math) will be scored on a 200 to 800-point scale, for a total of 1600 possible points. There is an optional Essay, and you will receive an Essay score from 2 to 8 on each of the three dimensions (Reading, Analysis, and Writing). Register for the SAT Test here: [SAT Suite of Assessments](#).

2024 SAT Test Dates, Deadlines and Score Release Dates

2024 SAT Test Date	Regular Registration Deadline	Late Registration Deadline	Score Release Date
March 9, 2024	February 23, 2024	February 27, 2024	March 22, 2024
May 4, 2024	April 19, 2024	April 23, 2024	May 17, 2024
June 1, 2024	May 16, 2024	May 21, 2024	June 14, 2024
August 24, 2024	August 9, 2024	August 14, 2024	September 6, 2024
October 5, 2024	September 20, 2024	September 25, 2024	October 18, 2024
November 2, 2024	October 18, 2024	October 23, 2024	November 15, 2024
December 7, 2024	November 22, 2024	November 27, 2024	December 13, 2024

CLT (Classic Learning Test)













Classic Learning Test (CLT) offers online and paper assessments that evaluate English, grammar, and mathematical skills and provide a comprehensive measure of achievement and aptitude. CLT exams emphasize foundational critical thinking skills and are accessible to students from a variety of educational backgrounds. There are two exams for high school students:

- CLT10 - an online college prep exam for 9th and 10th graders. An alternative to the PSAT®, the exam can be taken in school or at home with a parent proctor.
- CLT - an online college entrance exam for 11th and 12th graders. Accepted at hundreds of colleges across the US, the CLT is an alternative to the SAT and ACT.

The “classic” in Classic Learning Test refers to the use of [classic literature and historical texts](#) for the reading selections on exams. Both the CLT10 and the CLT Exams contain three sections: Verbal Reasoning, Grammar & Writing, and Quantitative Reasoning, and the Exam also offers an optional essay portion. Register for the CLT Exam here: [CLT Exam Registration](#) or the CLT10 Exam here: [CLT10 Exam Registration](#). Tests can be taken in person or may be remotely proctored on test dates.

FLORIDA STATE UNIVERSITY SYSTEM ADMISSIONS MATRIX

Click the following link to view admission information for all 12 of Florida’s public universities: [Florida State University Systems \(SUS\) Admissions Matrix 2023-2024](#).

NAME OF INSTITUTION	SUMMER SEMESTER							FALL SEMESTER							
	Total Enrollment	Total Undergraduate Enrollment (2022)	Number of FTIC Applications	Number of FTIC Admits	Average or middle 50% FTIC GPA	Middle 50% Admit FTIC SAT	Middle 50% Admit FTIC ACT	Number of FTIC Applications	Number of FTIC Admits	Average or middle 50% FTIC GPA	Middle 50% Admit FTIC SAT	Middle 50% Admit FTIC ACT	SSAR/SPARK	Self-Reported Test Scores	2+2 Program
 FLORIDA AGRICULTURAL AND MECHANICAL UNIVERSITY	7,803	4,933	1,104	520	3.53	990 – 1140	19 – 24	21,415	4,186	3.91	1070 – 1240	22 – 27	Yes	No	FAMU IGNITE
 FLORIDA ATLANTIC UNIVERSITY	29,614	23,067	6,292	4,280	3.58	1010 – 1150	20 – 24	30,337	17,727	3.70 – 4.30 / 4.0	1090 – 1250	22 – 28	Yes	Yes	Link to FAU
 FLORIDA GULF COAST UNIVERSITY	16,004	14,481	1,796	1,112	3.57 – 4.39	1020 – 1180	19 – 24	17,949	11,265	3.76 – 4.51	1080 – 1230	21 – 26	No	No	Destination FGCU
 FLORIDA INTERNATIONAL UNIVERSITY	55,687	45,442	7,810	5,923	3.9 – 4.4	1060 – 1170	21 – 24	16,487	5,373	4.1 – 4.7	1240 – 1370	26 – 30	No	No	Connect4 Success
 FLORIDA POLYTECHNIC UNIVERSITY	1,593	1,531	N/A	161	3.8 – 4.5	1120 – 1220	25 – 27	2,483	1,120	4.0 – 4.7	1250 – 1390	28 – 32	Yes	Yes	South Florida State College & Polk State College
 FLORIDA STATE UNIVERSITY	44,161	32,936	12,775	4,614	4.1 – 4.5	1230 – 1320	26 – 30	62,046	14,128	4.3 – 4.6	1340 – 1450	29 – 33	Yes	Yes	Aspire TCC2FSU
 NEW COLLEGE OF FLORIDA	689	669	N/A	N/A	N/A	N/A	N/A	2,782	1,511	4.03	1100 – 1310	22 – 29	Yes	Yes	NCF Transform
 UNIVERSITY OF CENTRAL FLORIDA	68,406	58,721	11,600	7,640	3.9 – 4.3 / 4.10	1170 – 1240	23 – 26	43,332	16,157	4.1 – 4.5 / 4.30	1260 – 1380	26 – 30	Yes	No	Direct Connect
 UNIVERSITY OF FLORIDA	60,795	38,011	See Fall for combined	2,964	4.4 – 4.6	1240 – 1390	27 – 31	66,866	12,742	4.4 – 4.6	1370 – 1510	31 – 34	Yes	Yes	Gator Engineering @ Santa Fe and State College of Florida
 UNIVERSITY OF NORTH FLORIDA	16,517	14,282	1,982	1,359	3.11 – 3.74	950 – 1120	21 – 27	17,749	12,562	3.80 – 4.44	1060 – 1250	21 – 27	Yes	No	Transfer2UNF
 UNIVERSITY OF SOUTH FLORIDA	49,766	36,948	13,849	9,067	3.90 – 4.29	1100 – 1200	22 – 25	51,348	17,448	4.10 – 4.59	1250 – 1390	27 – 31	Yes	No	FUSE
 UNIVERSITY OF WEST FLORIDA	13,504	9,280	673	271	3.81	970 – 1150	19 – 24	9,397	5,212	3.95	1050 – 1230	21 – 27	Yes	No	2UWF

Find valuable information by visiting the [State University System of Florida](#) website, including:

- ★ Planning for College
- ★ Tuition and Fees
- ★ University Assistance for Solving Problems
- ★ Baccalaureate Follow-Up Study
- ★ Admissions and Transfers
- ★ Explore Florida’s Public Universities



STUDENT-ATHLETES

Student-athletes interested in competing in college sports need to discuss the requirements to become eligible for athletic scholarships with their coaches and NHS Guidance Counselor. As a college-bound student-athlete, you are responsible for your eligibility. That means planning ahead, taking high school classes seriously, and protecting your amateur status. It can be a challenging step, but the benefits of being a student-athlete are worth the effort.

National Collegiate Athletic Association (NCAA)

The NCAA is an organization dedicated to providing a pathway to opportunity for college athletes. Over 1,000 colleges and universities are members of the NCAA. Those schools work together with the NCAA national office and athletics conferences across the country to support more than 500,000 college athletes that make up over 20,000 teams competing in NCAA sports. Visit the NCAA website [here](#).

Make sure to review the [NCAA Guide For the College-Bound Student-Athlete](#) for important information for high school students who hope to compete in college sports at an NCAA school.

National Association of Interscholastic Athletes (NAIA)

The NAIA is a governing body of over 250 small athletics programs that are dedicated to character-driven intercollegiate athletics. NAIA members provide more than 83,000 student-athletes with opportunities to play college sports. Visit the NAIA website [here](#).

PlayNAIA.org, is responsible for determining the NAIA eligibility of first-time student-athletes. Students must receive an eligible decision by the NAIA Eligibility Center prior to competing for the first-time in the NAIA, and all NAIA schools are bound by the center's decisions. Every student interested in playing sports at NAIA colleges for the first time needs to register online with the NAIA Eligibility Center and receive an eligible determination.

Make sure to review the [NAIA Guide For the College-Bound Student-Athlete](#) for important information for high school students who hope to compete in college sports at an NAIA school.

National Junior College Athletic Association (NJCAA)

Competitive sport divisions were launched by the NJCAA due to the growth and popularity of several sports. In order for a sport to be granted divisional status, member college participation in the sport must meet the divisional structure guidelines published in the NJCAA bylaws. Visit the NJCAA website [here](#).

Make sure to also review the [NJCAA Handbook](#) for important information for high school students who hope to compete in college sports at an NJCAA school.



NEWBERRY HIGH SCHOOL GOLD SEAL PROGRAMS

Newberry High School offers several career education or certificate programs which may meet the eligibility requirements for Gold Seal Vocational Scholars (GSV) or Gold Seal CAPE Scholars (GSC) if satisfactorily completed. For more information, review the 2023-24 Bright Futures Student Handbook for the [Initial Eligibility Requirements](#).

BUSINESS

- Digital Information Technology
- Digital Design 1
- Digital Design 2
- Digital Design 3

MEDIA (Yearbook)

- Media Production
- Digital Design 1
- Photojournalism

CRIMINAL JUSTICE ACADEMY (Magnet Program)

- Criminal Justice Operations 2 (9th Grade)
- Criminal Justice Operations 3 (10th Grade)
- Criminal Justice Operations 1 (11th Grade)
- Public Service Officer (12th Grade)
- Dispatcher: Police, Fire, Ambulance (12th Grade)

CULINARY ARTS

- Culinary Arts 1
- Culinary Arts 2
- Culinary Arts 3

ANIMAL SERVICES

- AgriScience Foundations 1
- Agricultural Communications 2
- Agricultural Communications 3
- Advanced Concepts in AgriScience



CHOOSING A PROGRAM

ADVANCED PLACEMENT

During 10th through 12th grades, various accelerated, in-depth college courses designated Advanced Placement (AP) are available to qualified students. College admissions and placement personnel recognize the difficulty of AP courses, and AP courses are noted on a student's recognized high school transcript. Taking AP courses enhances a student's college admission status. At the conclusion of an AP course, students take the AP exam covering the subject or subjects studied. The exams are written and graded by the AP Program of the College Board. Colleges and universities may use the scores for placement purposes. High scores usually grant students college credit and / or exempt students from college freshmen courses. For more information, visit the [College Board](#).

CAMBRIDGE INTERNATIONAL EDUCATION

Newberry High School is proud to be a member of the Cambridge International Education program. This program sets the global standard for international education, is created by subject experts, rooted in academic rigor, and reflects the latest educational research. As a department of the University of Cambridge (UK), this education program and the exams are provided in over 170 countries, offering global recognition. For additional information about the Cambridge International Education Program, you can visit: [Cambridge Assessment International Education](#).

FLORIDA VIRTUAL SCHOOL

The Florida Virtual School (FLVS), a national leader in online instruction, offers high quality, online high school curricula, including Advanced Placement courses. To register for courses, students must create an account at [FLVS](#), request the course(s), obtain parental approval, and NHS Guidance Counselor approval. A list of courses currently offered by FLVS can be found [here](#).

ALACHUA eSCHOOL

Alachua eSchool is operated by Alachua County Public Schools under a franchising agreement with Florida Virtual School. Alachua eSchool offers high quality, technology-based education to middle and high school students living in Alachua County. The internet-based courses may be used to satisfy graduation or promotion requirements, make up credits, or accelerate a program of studies. Alachua eSchool is offered during every period of the school day at Newberry High School. Students may be placed in eSchool by request or if class sizes reach their cap of 25 students. A list of courses currently offered by Alachua eSchool can be found [here](#).

UNIVERSITY OF FLORIDA DUAL ENROLLMENT

Qualified students may be able to dual enroll at the University of Florida to receive credit toward high school and college. Information and applications regarding this program are available at the [UF Center for Pre-collegiate Education and Training](#). All University of Florida dual enrollment applications must be submitted to Jennifer Taylor at the Student Services

Department of the School Board of Alachua County. Contact Ms. Taylor at (352) 955-7671, extension 1610, for additional information.

SANTA FE COLLEGE DUAL ENROLLMENT

Students interested in participating in Dual Enrollment at Santa Fe College will apply directly to the Dual Enrollment Program. Information and applications are mailed directly to all 10th and 11th grade students by the Dual Enrollment Program each Spring and are also available online. Students should contact Santa Fe College for additional information about requirements, deadlines, and paperwork. For additional information, visit [Santa Fe College Dual Enrollment](#) or call (352) 395-5490.



COURSES OFFERED

AGRICULTURE	Digital Art Imaging 3 Honors
AgriScience Foundations 1	BUSINESS
Agricultural Communications 2	Digital Information Technology
Agricultural Communications 3	Digital Design 1
Advanced Concepts in AgriScience	Digital Design 2
ARTS	Digital Design 3
Band 1	CRIMINAL JUSTICE ACADEMY (MAGNET PROGRAM)
Band 2	Criminal Justice Operations 2
Band 3	Criminal Justice Operations 3
Band 4	Criminal Justice Operations 1
Band 5 Honors	Public Service Officer
Band 6 Honors	Dispatcher: Fire, Police, Ambulance
Guitar 1	CULINARY ARTS
Music of the World	Culinary Arts 1
Music Theory 1	Culinary Arts 2
Music Theory 2 Honors	Culinary Arts 3
Musical Theatre 1	DRIVER EDUCATION
Musical Theatre 2	Driver Education
Musical Theatre 3	EXCEPTIONAL STUDENT EDUCATION
Two-Dimensional Studio Art 1	ACCESS English 1 / 2 / 3 / 4
Two-Dimensional Studio Art 2	ACCESS Liberal Arts Math
Two-Dimensional Studio Art 3 Honors	ACCESS Algebra 1
Digital Art Imaging 1	ACCESS Geometry
Digital Art Imaging 2	ACCESS Algebra 2

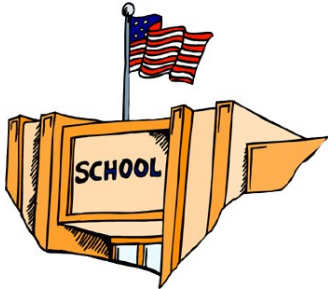
ACCESS Integrated Science 1	Reading 2
ACCESS Biology	Reading 3
ACCESS Earth / Space Science	Reading 4
ACCESS World History	AICE Global Perspectives - AS Level
ACCESS US History	AICE Thinking Skills 1 - AS Level
ACCESS US Government	MATHEMATICS
ACCESS Economics	Algebra 1-A
ACCESS H.O.P.E.	Algebra 1
ACCESS 2D Studio Art	Algebra 1 Honors
Learning Strategies 9-12	Math for College Liberal Arts
Unique Skills: 9-12	Geometry
FOREIGN LANGUAGE	Geometry Honors
Spanish 1	Algebra 2
Spanish 2	Algebra 2 Honors
Spanish 3 Honors	Math for College Data and Financial Literacy
LANGUAGE ARTS	Probability & Statistics w/Applications Honors
English 1	AP Statistics
English 1 Honors	AICE Math 1 - AS Level
English 2	AICE Math 1 - A Level
English 2 Honors	AP Computer Science Principles
English 3	MEDIA (YEARBOOK)
English 3 Honors	Media Production
AICE English Language - AS Level	Digital Design 1
AICE General English Paper - AS Level	Photojournalism
AICE English Literature 1 - AS Level	PHYSICAL EDUCATION
Reading 1	Personal Fitness

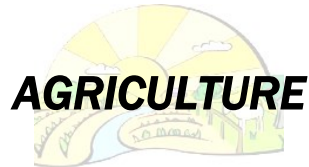
Basketball	AP Biology
Basketball 2	AICE Marine Science 1 – AS Level
Individual and Dual Sports 1	AP Environmental Science
Individual and Dual Sports 2	AP Chemistry
Individual and Dual Sports 3	SOCIAL STUDIES
Team Sports 1	World History
Weight Training 1	World History Honors
Weight Training 2	US History
Weight Training 3	US History Honors
SCIENCES	AP US History
Environmental Science	US Government
Environmental Science Honors	US Government Honors
Biology 1	AP Government and Politics
Biology 1 Honors	Economics
Marine Science 1	Economics Honors
Forensic Science	AP Microeconomics
Anatomy and Physiology	Personal Financial Literacy
Anatomy and Physiology Honors	Personal Financial Literacy Honors
Chemistry 1	STUDENT LEADERSHIP
Chemistry 1 Honors	Executive Intern (Office Aide)
Physics 1 Honors	Executive Intern (TV Production)

We are Panther Family!



COURSE OFFERINGS



**AGRISCIENCE FOUNDATIONS 1 (8106810)****Grades 9-11****1.0 EQ Credit – 2 Semesters**

This 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, and environmental principles. Students will also learn about agriscience safety, principles of leadership, agribusiness, employability, and human relations skills in agriscience. *This course is required (year 1) for any student who wants to actively participate in the Future Farmers of America (FFA) youth organization.* FFA is the intercurricular career and technical student organization for providing leadership training and reinforcing specific career and technical skills. Career and Technical Student Organizations provide activities for students as an integral part of the instruction offered. This course counts as an honors level science credit.

AGRICULTURAL COMMUNICATIONS 2 (8117010)**Grades 10-12****1.0 PA Credit – 2 Semesters****Prerequisite: AgriScience Foundations 1**

This course is designed to develop competencies in the communications sector of the agricultural industry including instruction in developing and editing materials for printed media and media broadcast, utilizing photography and graphics, the importance of the internet in communications, writing technical papers and media scripts and ethical and professional issues in the industry. *This course is required (year 2) for any student who wants to actively participate in the Future Farmers of America (FFA) youth organization.* This course counts as an honors level practical acts credit. Special Note: This course will be combined with other agriscience courses.

AGRICULTURAL COMMUNICATIONS 3 (8117020)**Grades 11-12****1.0 PA Credit – 2 Semesters****Prerequisite: Agricultural Communications 2**

This course continues with the development of competencies in the communications sector of the agricultural industry including instruction in developing and editing materials for printed media and media broadcast, utilizing photography and graphics, the importance of the internet in communications, writing technical papers and media scripts and ethical and professional issues in the industry. *This course is required (year 3) for any student who wants to actively participate in the Future Farmers of America (FFA) youth organization.* This course counts as an honors level practical acts credit. Special Note: This course will be combined with other agriscience courses.

ADVANCED CONCEPTS IN AGRISCIENCE (8100330)

Grade 12

1.0 PA Credit – 2 Semesters

Prerequisite: Agricultural Communications 3

This course is designed for upper level agriscience students who are working on special agriscience projects for the entire year. This experience is designed to help provide students with job skills and prepare them for continued education in the agriscience field. *This course is required (year 4) for any student who wants to actively participate in the Future Farmers of America (FFA) youth organization.* Special Note: This course will be combined with other agriscience courses.

**BAND 1 (1302300)**

Grade 9-10

1.0 PF Credit – 2 Semesters

The course is designed for students having little or no previous band experience with woodwind, brass, and / or percussion instruments and promotes the enjoyment and appreciation of music through rehearsal and performance. Special Note: This course will be combined with other band courses.

BAND 2 (1302310)

Grade 10-11

1.0 PF Credit – 2 Semesters

Prerequisite: Band 1

This course is designed for students with at least one year of woodwind, brass, and /or percussion ensemble experience. Rehearsals focus on the development of critical listening skills, instrumental and ensemble technique and skills, expanded music literacy, and aesthetic awareness culminating in periodic public performances. Special Note: The course will be combined with other band courses.

BAND 3 (1302320)

Grade 11-12

1.0 PF Credit – 2 Semesters

Prerequisite: Band 2

This course is designed for students ready to build on skills and knowledge previously acquired in an instrumental ensemble, promotes the enjoyment and appreciation of music through performance of high-quality, intermediate level wind and percussion literature. Special Note: This course will be combined with other band courses.

BAND 4 (1302330)

Grade 12

1.0 PF Credit – 2 Semesters

Prerequisite: Band 3

This course is designed for students who demonstrate proficiency in woodwind, brass and / or percussion techniques, music literacy, critical listening / aural skills, and ensemble performance skills, promotes greater engagement with and appreciation for music through performance and other experiences with a broad spectrum of music, as well as creativity through composition and / or arranging. Special Note: This course will be combined with other band courses.

BAND 5 HONORS (1302340)

Grades 11-12

1.0 PF Credit – 2 Semesters

Prerequisite: Band 2 or Band 3, Band Director Recommendation

This advanced course, designed for wind and percussion students with extensive experience in solo performance and larger performing ensembles, promotes significant depth of engagement and lifelong appreciation of music through performance and other experiences with sophisticated instrumental music, as well as creativity through composition and /or arranging. Instruction will be structured to give students a deeper understanding of conceptual themes and organization within and across disciplines. Special Note: This course will be combined with other band courses.

BAND 6 HONORS (1302340)

Grade 12

1.0 PF Credit – 2 Semesters

Prerequisite: Band 4 or Band 5 Honors, Band Director Recommendation

This advanced course, designed for students with substantial experience in solo performance and larger performing ensembles, promotes significant engagement with and appreciation for music through performance of sophisticated wind and percussion literature. This course also provides significant opportunities for student leadership through peer mentoring, solo work, and participation as a performer or coach in a small or large ensemble. Instruction will be structured to give students a deeper understanding of conceptual themes and organization within and across disciplines. Special Note: This course will be combined with other band courses.

GUITAR 1 (1301320)

Grades 9-12

1.0 PF Credit – 2 Semesters

This course is designed for students with little or no experience to develop basic guitar skills and knowledge, including simple and full-strum chords, bass lines and lead sheets, barre and power chords, foundational music literacy and theory, major scales, simple finger picking patterns, and ensemble skills for a variety of music. Beginning guitarists explore the careers and music of significant performers in a variety of styles.

MUSIC OF THE WORLD (1300340)**Grades 9-12****1.0 PF Credit – 2 Semesters**

In this course, students explore the musical traditions of 20th- and 21st-century American and global communities around the world through study of current trends, focusing on the function of music within various cultures (e.g., jazz, world drumming, mariachi, soul, gamelan, Bollywood, digital). Students will examine and report on human activities involving music, technology- and culture-related influences on music, and the sounds and structures of music composition.

MUSIC THEORY 1 (1300300)**Grades 9-12****1.0 PF Credit – 2 Semesters**

The purpose of this course is to enable students to develop knowledge of basic music structures and elements, and their uses in varied music styles and genres. **Special Note:** This course will be combined with other music theory courses.

MUSIC THEORY 2 HONORS (1300310)**Grades 10-12****1.0 PF Credit – 2 Semesters****Prerequisite: Music Theory 1**

The purpose of this course is to teach students analysis and application of musical fundamentals as practiced in the various historical periods. Honors level rigor will be achieved by increasing text complexity through text selection, focus on high-level qualitative measures, and complexity of task. Instruction will be structured to give students a deeper understanding of conceptual themes and organization within and across disciplines. **Special Note:** This course will be combined with other music theory courses.

MUSICAL THEATRE 1 (0400700)**Grades 9-12****1.0 PF Credit – 2 Semesters**

Students learn from the styles and techniques used by well-known singer-actor-dancers and choreographers to build a performance portfolio for auditions and/or interviews. Students examine the contributions of major writers, composers, lyricists, and choreographers of musical theatre and learn to analyze the structures, stories, and settings of musical theatre exemplars to understand how those components serve the story and concept. **Special Note:** This course will be combined with other musical theatre courses.

MUSICAL THEATRE 2 (0400710)**Grades 10-12****1.0 PF Credit – 2 Semesters****Prerequisite: Musical Theatre 1**

Students learn from the styles and techniques used by well-known singer-actor-dancers and choreographers to build a performance portfolio for auditions and/or interviews. Students examine the contributions of major writers, composers, lyricists, and choreographers of musical theatre and learn to analyze the structures, stories, and settings of musical theatre

exemplars to understand how those components serve the story and concept. Special Note: This course will be combined with other musical theatre courses.

MUSICAL THEATRE 3 (0400720)**Grades 11-12****1.0 PF Credit – 2 Semesters****Prerequisite: Musical Theatre 2**

Students refine their audition techniques and performance/audition portfolio, and consider the contributions of musical theatre in the community and beyond. Students select a number of pieces to showcase their abilities and become conversant about individuals who, currently and in the past, are considered major contributors to the field. Special Note: This course will be combined with other musical theatre courses.

TWO-DIMENSIONAL STUDIO ART 1 (0101300)**Grades 9-12****1.0 PF Credit – 2 Semesters**

This entry level class promotes the enjoyment and appreciation of art as students experiment with the media and techniques used to create two-dimensional (2D) artworks, including drawing, painting, printmaking, collage, and more. Special Note: This course will be combined with other studio art courses and incorporates hands-on activities and consumption of art materials.

TWO-DIMENSIONAL STUDIO ART 2 (0101310)**Grades 10-12****1.0 PF Credit – 2 Semesters****Prerequisite: Two-Dimensional Studio Art 1**

This intermediate-level class promotes the enjoyment and appreciation of art as students strengthen their use of media and techniques to create both teacher-assigned and self-directed two-dimensional (2D) artworks, which may include drawing, painting, printmaking, collage, and more. Special Note: This course will be combined with other studio art courses and incorporates hands-on activities and consumption of art materials.

TWO-DIMENSIONAL STUDIO ART 3 HONORS (0101320)**Grades 11-12****1.0 PF Credit – 2 Semesters****Prerequisite: Two-Dimensional Studio Art 2**

This honors level class promotes the enjoyment and appreciation of art as students refine their use of media and techniques to create primarily self-directed, two-dimensional (2D) artworks at high levels of proficiency and independence. Special Note: This course will be combined with other studio art courses and incorporates hands-on activities and consumption of art materials.

DIGITAL ART IMAGING 1 (0108370)**Grades 9-12****1.0 PF Credit – 2 Semesters**

In this course, 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 own work and that of their peers to measure artistic growth. Special Note: This course will be combined with other digital art imaging courses and incorporates hands-on activities, the use of technology, and consumption of art materials.

DIGITAL ART IMAGING 2 (0108380)**Grades 10-12****1.0 PF Credit – 2 Semesters****Prerequisite: Digital Art Imaging 1**

In this course, 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. Special Note: This course will be combined with other digital art imaging courses and incorporates hands-on activities, the use of technology, and consumption of art materials.

DIGITAL ART IMAGING 3 HONORS (0108390)**Grades 11-12****1.0 PF Credit – 2 Semesters****Prerequisite: Digital Art Imaging 2**

In this course, students explore advanced topics through project-based work, becoming more self-directed in their acquisition and use of concepts, terminology, techniques, and applications to design, create, print, and display original two-dimensional graphic and fine works of art in print and web formats. As they become more adept at using the tools and techniques available to them, students design and 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 own designs and images and those of their peers to measure artistic growth with increasing sophistication and independence to promote risk-taking in the completion of conceptually based, self-directed work. Special Note: This course will be combined with other digital art imaging courses and incorporates hands-on activities, the use of technology, and consumption of art materials.

**DIGITAL INFORMATION TECHNOLOGY (8207310)****Grades 9-12****1.0 PA Credit – 2 Semesters**

This course is designed to provide an introduction to information technology concepts and careers, as well as exploring the impact information technology has on the world, people, industry, and teaches basic web design concepts using programs from Microsoft Office. The content includes information technology, career research, operating systems and software applications, electronic communications (including email and internet services). Students may earn college credits by passing the college exam through an articulation agreement with Santa Fe College and may also receive Microsoft certification.

DIGITAL DESIGN 1 (8209510)**Grades 10-12****1.0 PA Credit – 2 Semesters****Prerequisite: Digital Information Technology**

This course is designed to develop basic entry-level skills required for careers in the digital publishing industry. This course develops skills required to produce flyers, brochures, and other desktop applications using Adobe InDesign software. Students may earn college credits by passing the college exam through an articulation agreement with Santa Fe College and may also receive Adobe Certification. This course counts as an honors level practical arts credit. Special Note: This course will be combined with other digital design courses.

DIGITAL DESIGN 2 (8209520)**Grades 11-12****1.0 PA Credit – 2 Semesters****Prerequisite: Digital Information Technology and Digital Design 1**

This course continues development of basic entry-level skills required for careers in the digital publishing industry. This course develops skills required to produce line art, logos, vector graphics, and page layouts using Adobe Illustrator software. Students may earn college credits by passing the college exam through an articulation agreement with Santa Fe College and may also receive Adobe Certification. This course counts as an honors level practical arts credit. Special Note: This course will be combined with other digital design courses.

DIGITAL DESIGN 3 (8209530)**Grade 12****1.0 PA Credit – 2 Semesters****Prerequisite: Digital Information Technology, Digital Design 1, and Digital Design 2**

This course prepares students for employment in the digital publishing industry. The content includes practical experiences in computer generated art and text, graphic design, electronic scanning, and digital photography using Adobe Photoshop software. Students may earn college credits by passing the college exam through an articulation agreement with Santa Fe College and may also receive Adobe certification. This course counts as an honors level

practical arts credit. Special Note: This course will be combined with other digital design courses.



CRIMINAL JUSTICE ACADEMY
(MAGNET PROGRAM)

This program offers a sequence of courses that provide coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the law, public safety, and security career cluster. Students will gain the technical skill, proficiency, and competency-based applied learning that contributes to the academic knowledge, higher-order reasoning, and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills and knowledge of all aspects of the law, public safety, and security career cluster. This program is articulated with Santa Fe College. (Articulation is a process that allows a student to receive a letter grade, along with the unit value of the college course on their college transcript for high school classes.)

CRIMINAL JUSTICE OPERATIONS 2 (8918020)

Grade 9

1.0 PA Credit – 2 Semesters

Prerequisite: Acceptance into the Criminal Justice Academy Magnet Program

This course is designed to develop competencies in patrol, traffic control, defensive tactics and physical proficiency skills, and first aid and cardiopulmonary resuscitation skills. This course counts as an honors level practical arts credit.

CRIMINAL JUSTICE OPERATIONS 3 (8918010)

Grade 10

1.0 PA Credit – 2 Semesters

Prerequisite: Criminal Justice Operations 2

This course is designed to develop competencies in crime and accident investigation procedures, forensic science tasks, crime prevention, and property control procedures.

CRIMINAL JUSTICE OPERATIONS 1 (8918010)

Grade 11

1.0 PA Credit – 2 Semesters

Prerequisite: Criminal Justice Operations 3

This course is designed to introduce students to the fields of law enforcement, the court system, and the correctional system. The content includes career opportunities in these fields: court system, correctional system, interpersonal and communication skills, and employability skills. This course emphasizes state and federal law. This course counts as an honors level practical arts credit.

PUBLIC SERVICE OFFICER (8918050)

Grade 12

0.5 PA Credit – 1 Semester

Prerequisite: Criminal Justice Operations 1

The purpose of this program is to prepare students for employment as a Private Security Officer and Public Service Aide. The content includes, but is not limited to, legal issues, basic first aid, emergency procedures, ethics and professional conduct, access control, patrol techniques, report writing, interview techniques, fire safety, crime and accident prevention and protection, terrorism awareness, public relations, courtroom procedures, communication skills, and personal protection. This course counts as an honors level practical arts credit. Special Note: This course is part of a two-period block for 12th Grade students and is taken concurrently with Dispatcher: Police, Fire, Ambulance.

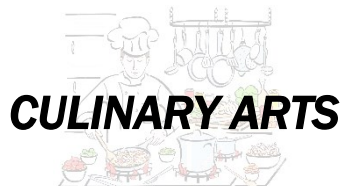
DISPATCHER: POLICE, FIRE, AMBULANCE (9101100)

Grade 12

1.5 PA Credit – 3 semesters

Prerequisite: Criminal Justice Operations 1

The purpose of this program is to prepare students for employment as a dispatcher: police, fire, ambulance. The content includes, but is not limited to, ethics and the role of the telecommunicator, standard telecommunication operating procedures, relationship to field personnel, understanding of command levels, typical layouts of message centers, use of performance aids, overview of emergency agencies, functions and terminology, proper and correct telephone and dispatching procedures and techniques, cooperation and reciprocal agreements with other agencies, communication rules, emergency situations and operating procedures, emergency medical dispatch procedures, employability skills, leadership and human relations skills, and health. Special Note: This course is part of a two-period block for 12th Grade students and is taken concurrently with Public Service Officer.



This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the hospitality and tourism career cluster. The content includes all aspects of food preparation. Presentation and serving of food, as well as leadership communication skills, employability skills, and safe / efficient work practices are also covered. This coursework prepares students for employment in the food service / hospitality industry and offers the opportunity to earn ServSafe certification. (ServSafe is a training program that was developed to maintain the standards and safety of the professional workers in the restaurant/service industry.) The purpose of the certification is to ensure that all food service workers understand the issues surrounding food safety and ensure these food and beverage workers comply with federal and state law.

CULINARY ARTS 1 (8800510)**Grades 9-11****1.0 PA Credit – 2 Semesters**

This course is designed to provide students with competencies basic to a cluster of occupations in the food service industry and to develop skills, knowledge, and attitude for success and advancement in a specialized occupational proficiency program. Course content includes employability skills, qualifications and career opportunities; introduction to operational procedures; basics of nutrition; characteristics and functions of types of food service establishments; safety, sanitation, security, and storage procedures; identifications, use, care and storage of commercial tools and equipment; cooking terms and vocabulary; standard and metric measurements; food preparation; and rules and regulations governing the food industry. Special Note: This course will be combined with other culinary arts courses.

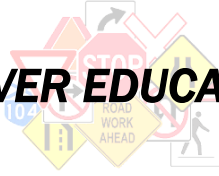
CULINARY ARTS 2 (8800520)**Grades 10-12****1.0 PA Credit – 2 Semesters****Prerequisite: Culinary Arts 1**

In this course, students will learn and perform front-of-the-house and back-of-the-house duties. This course has increased laboratory instruction and activities so students may develop their skills in using commercial equipment and tools safely and quickly in the preparation of food. Instructional units include planning, scheduling, and simplifying work patterns; cost and portion control; customer relations; management of time, energy, space; and using standard recipes. Students will demonstrate safe, sanitary work procedures, understand food science principles related to cooking and baking, as well as utilizing nutrition concepts when planning meals and menus. Special Note: This course will be combined with other culinary arts courses.

CULINARY ART 3 (8800530)**Grades 11-12****1.0 PA Credit – 2 Semesters****Prerequisite: Culinary Arts 2**

In this course, students will research career opportunities in professional cooking and baking, follow guidelines on food selection, purchasing and storage, and use communication skills. This course includes content in the preparation and presentation of the food that has been prepared; preserving the nutritive values of food; following standard recipes for quality control; serving quantity foods; receiving, storing, and issuing foods and supplies; taking inventories, and keeping records; and maintaining clean food preparation and service areas. ServSafe Manager Exam Industry Certification is offered in Culinary Arts 3. This course counts as an honors level practical arts credit. Special Note: This course will be combined with other culinary arts courses.

DRIVER EDUCATION



DRIVER EDUCATION (1900300)

Grades 9-12

0.5 EL Credit – 1 Semester

Prerequisite: Must be at least 15 years old

The purpose of this course is to introduce students to the highway transportation system and to teach strategies that will develop driving knowledge related to today's society. Completion of the alcohol and drug portion of this course will satisfy the substance abuse and traffic law course requirements of Section 322.095, Florida Statutes, i.e. the D.A.T.E. course. Students enrolled in this course will have the opportunity to take the written test for a restricted operator's license and be granted a waiver to present at the driver's license office in lieu of taking the written test. Students will be transported by school bus for laboratory instruction to the facility at 3501 NE 12th Street, Gainesville, for formal driving practice, all supervised by experienced instructors. Students who master the performance standards for the laboratory phase of this course will have an opportunity to take the road test for a regular operator's license. Successful completion of both the course and lab sections of the class will earn each student an insurance waiver.

EXCEPTIONAL STUDENT EDUCATION



The Exceptional Student Education program is designed to fulfill the needs of students meeting criteria established by statute. The philosophy at Newberry High School is to “mainstream” students as much as possible into regular classes, while simultaneously providing support and / or remedial services. In addition to academic study, pre-vocational and career awareness skills are an integral part of the curriculum. Initial achievement and behavioral information are used to design an Individual Education Plan (IEP) for students with long- and short-term goals for each student. These plans are updated at least annually. ACCESS courses are intended only for students with a significant cognitive disability.

ACCESS ENGLISH 1 (7910120)

Grade 9

ACCESS ENGLISH 2 (7910125)

Grade 10

ACCESS ENGLISH 3 (7910130)

Grade 11

ACCESS ENGLISH 4 (7910135)

Grade 12

1.0 EN Credit – 2 Semesters

The purpose of these courses is to allow students to share knowledge, information, experiences, and adventures through the comprehension and use of written and oral language. Students will learn to interact productively and effectively with the world around them. The content includes, but is not limited to, the reading process, literary analysis, the

writing process, writing applications, communication, information, and media literacy. The course includes preparation for the Florida Standards Alternate Assessment (FSAA) English Language Arts reading and writing assessments.

ACCESS LIBERAL ARTS MATH (7912070)**Grade 9****1.0 MA Credit – 2 Semesters**

The purpose of this course is to develop the algebraic and geometric concepts and processes that can be used to analyze and solve a variety of routine and non-routine real world and mathematical problems.

ACCESS ALGEBRA 1 (7912075)**Grade 10****1.0 A1 Credit – 2 Semesters**

The purpose of this course is to develop the ability to work with quantities and the relationships between them. It also provides grounding for work with expressions, equations, and functions, along with direct and inverse proportions, absolute value, estimation and problem solving. To receive credit for this course, students must pass the course and earn a passing score on the Florida Standards Alternate Assessment (FSAA) End of Course exam.

ACCESS GEOMETRY (7912065)**Grade 11****1.0 GE Credit – 2 Semesters**

The purpose of this course is to formalize and extend the student's geometric experiences. Students explore geometric situations and deepen their explanations of geometric relationships. To receive credit for this course, students must pass the course and take the Florida Standards Alternate Assessment (FSAA) End of Course exam.

ACCESS ALGEBRA 2 (7912095)**Grade 12****1.0 MA Credit – 2 Semesters**

This course allows students to build on their work in linear, quadratic, and exponential functions. Students work closely with the expressions that define the functions, and continue to expand and hone their abilities to model situations and solve equations.

ACCESS INTEGRATED SCIENCE 1 (7920025)**Grade 9****1.0 EQ Credit – 2 Semesters**

The purpose of this course is to provide a study of living and non-living systems, and how they interact with one another in logical and organized ways (cause and effect). Laboratory investigations that include the use of scientific inquiry, research, measurement, problem solving, experimental procedures, and safety procedures are an integral part of this course.

ACCESS BIOLOGY (7920015)**Grade 10****1.0 BI Credit – 2 Semesters**

This course includes an introduction to the scientific method, cytology, genetics, botany, zoology, ecology, taxonomy, evolution, chemistry, and microbiology. To receive credit for this

course, students must pass the course and take the Florida Standards Alternate Assessment (FSAA) End of Course exam.

ACCESS EARTH / SPACE SCIENCE**Grade 11****1.0 EQ Credit – 2 Semesters**

This course focuses on the study of space and the geologic and atmospheric forces that shape our world. Through experimentation and investigation, students will explore Earth's cycles, including the geosphere, hydrosphere, cryosphere, atmosphere, and carbon cycle.

ACCESS WORLD HISTORY (7921027)**Grade 9****1.0 WH Credit – 2 Semesters**

The content of this course includes world history, geography, and humanities, as well as the history of civilizations and societies of North and South America. Students will be exposed to historical periods leading to the beginning of the 21st Century.

ACCESS US HISTORY (7921025)**Grade 11****1.0 AH Credit – 2 Semesters**

The primary emphasis of this course pertains to the study of US history from Reconstruction to the present day. Students will be exposed to the historical, geographic, political, economic, and sociological events that influenced the development of the US and the resulting impact on world history. To receive credit for this course, students must pass the course and take the Florida Standards Alternate Assessment (FSAA) End of Course exam.

ACCESS US GOVERNMENT (7921015)**Grade 12****0.5 AG Credit – 1 Semester**

In this course, students will explore the principles that inspired the Constitution and the Bill of Rights, and examine each branch of the government, the election process, how to impact public policy, as well as discover how the US interacts with other countries.

ACCESS ECONOMICS (7921022)**Grade 12****0.5 EC Credit – 1 Semester**

In this course, students will learn how to become a more informed consumer, producer, investor and taxpayer, and learn how choices directly affect the future. Content includes currency, banking, and monetary policy.

ACCESS H.O.P.E. (7915015)**Grade 12****1.0 PE Credit – 2 Semesters**

With a focus on health and fitness, this course helps students develop and enhance healthy behaviors that influence lifestyle choices and student health and fitness. In addition to the physical education content, topics includes mental / social health, nutrition and wellness planning, diseases and disorders, and health advocacy.

ACCESS 2D STUDIO ART (7967025)

Grade 10

1.0 PF Credit – 2 Semesters

Students will be introduced to the elements of art and the basic principles of art and design, using traditional art materials such as paper, pencils, paint and pastels. Collaboration, reading and writing are all part of the curriculum. Creating art based upon historical, global and multi-cultural sources of inspiration will provide students with an introduction to art as practiced by artists today as well as in the past.

LEARNING STRATEGIES 9-12 (7963080)

Grades 9-12

1.0 EL Credit – 2 Semesters

The purpose of this course is to enable students with disabilities to acquire and generalize strategies and skills across academic, community, and employment settings to achieve annual goals based on assessed needs and the student's Individual Education Plan (IEP). The setting provides an opportunity to participate more fully in the mainstream of educational and community life.

UNIQUE SKILLS: 9-12 (7963130)

Grades 9-12

1.0 EL Credit – 2 Semesters

The purpose of this course is to enable students with disabilities to acquire and generalize skills they need to achieve annual goals based on assessed needs and the student's Individual Educational Plan (IEP). It is structured around the domains addressed on the IEP: social and emotional support, independent functioning, curriculum and learning, and communication.

**SPANISH 1 (0708340)**

Grades 9-11

1.0 FL Credit – 2 Semesters

This course introduces students to the Spanish language and its culture. Students will develop communication skills and cross-cultural understanding. Emphasis is placed on proficient communication in the language. An introduction to reading and writing is also included, as well as culture, connections, comparisons, and communities.

SPANISH 2 (0708350)

Grades 9-12

1.0 FL Credit – 2 Semesters**Prerequisite: Spanish 1**

This course reinforces the fundamental skills acquired by students in the previous course and develops increased listening, speaking, reading, and writing skills as well as cultural awareness. Reading and writing skills receive more emphasis, while oral communication

remains the primary objective. The cultural survey of the target language-speaking people is continued.

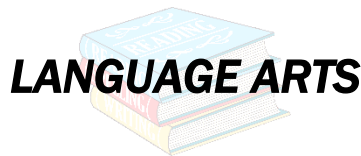
SPANISH 3 HONORS (0708360)

Grades 10-12

1.0 FL Credit – 2 Semesters

Prerequisite: Spanish 2

This advanced course provides mastery and expansion of skills previously acquired. Vocabulary and conversational skills are expanded through discussions based on selected readings. Contemporary vocabulary stresses activities important to everyday life of the target language-speaking people. Students in this course may act as peer mentors for other students. **Special Note: This course may be combined with the Spanish 2 course.**



ENGLISH 1 (1001310)

Grade 9

1.0 EN Credit – 2 Semesters

The purpose of this course is to provide students integrated language arts study in reading, writing, speaking, listening, and language for college and career preparation and readiness using texts of high complexity. This course offers a summer reading assignment which provides students with the opportunity to earn extra credit.

ENGLISH 1 HONORS (1001320)

Grade 9

1.0 EN Credit – 2 Semesters

The purpose of this advanced course is to challenge students to think and collaborate critically on the content they are learning through the application, analysis, evaluation, and creation of complex ideas that are often abstract and multi-facets. While the content focus of this course is consistent with the English 1 course, honors level rigor will be achieved by increasing text complexity through text selection, focus on high-level qualitative measures, and complexity of task. Instruction will be structured to give students a deeper understanding of conceptual themes and organization within and across disciplines. Academic rigor is more than simply assigning to students a greater quantity of work. This course offers a summer reading assignment which provides students with the opportunity to earn extra credit.

ENGLISH 2 (1001340)

Grade 10

1.0 EN Credit – 2 Semesters

This course focuses on students becoming skillful in expository and persuasive writing. The curriculum is taught using textbooks, supplemental materials, and assigned novels. Composition instruction focuses on the writing of essays for various purposes and audiences,

using literary and non-literary subjects. The course includes preparation for the Florida Assessment of Student Thinking (FAST) English Language Arts reading and writing assessments. This course offers a summer reading assignment which provides students with the opportunity to earn extra credit.

ENGLISH 2 HONORS (1001350)**Grade 10****1.0 EN Credit – 2 Semesters**

This is an advanced course for motivated students who are taught critical thinking in major works and world literature. The writing component includes expository, persuasive, and analytical documented literary papers. This course includes preparation for the Florida Assessment of Student Thinking (FAST) English Language Arts reading and writing assessments. While the content focus of this course is consistent with the English 2 course, honors level rigor will be achieved by increasing text complexity through text selection, focus on high-level qualitative measures, and complexity of task. Instruction will be structured to give students a deeper understanding of conceptual themes and organization within and across disciplines. Academic rigor is more than simply assigning to students a greater quantity of work. In general, the academic pace and rigor will be greatly increased for honors level course work. This course offers a summer reading assignment which provides students with the opportunity to earn extra credit.

ENGLISH 3 (1001370)**Grade 11****1.0 EN Credit – 2 Semesters**

The content of this course includes frequent practice in writing multi-paragraph papers of various types, with particular attention given to the writing of documented papers. Relative to these writing assignments, reference and summarizing skills are stressed. Literature study includes the analysis examples of American literature works. This course offers a summer reading assignment which provides students with the opportunity to earn extra credit.

ENGLISH 3 HONORS (1001380)**Grade 11****1.0 EN Credit – 2 Semesters**

This advanced course includes composition instruction with frequent practice in writing multi-paragraph essays in a variety of types, including documented papers. Literature study includes the written and oral analysis of American literary works representing the ethnic and cultural diversity of the American experience. While the content focus of this course is consistent with the English 3 course, honors level rigor will be achieved by increasing text complexity through text selection, focus on high-level qualitative measures, and complexity of task. Instruction will be structured to give students a deeper understanding of conceptual themes and organization within and across disciplines. Academic rigor is more than simply assigning to students a greater quantity of work. In general, the academic pace and rigor will be greatly increased for honors level course work. This course offers a summer reading assignment which provides students with the opportunity to earn extra credit.

AICE ENGLISH LANGUAGE - AS LEVEL (1001550)**Grade 11****1.0 EN Credit – 2 Semesters****Prerequisite: English Teacher Recommendation**

This college level course emphasizes critical reading, analysis of prose, and in-depth uses of language form with an emphasis on narrative, descriptive, imaginative, and argumentative essays. Students must be able to both critically analyze the characteristics of each passage style and integrate the techniques in their own writing. The reading and numerous written interpretations of selected works of American fiction and non-fiction will be required. This course prepares students to take the Cambridge International AICE English Language – AS Level exam and students who perform successfully on the exam may receive college credit. This course may have a required summer reading assignment.

AICE GENERAL ENGLISH PAPER - AS LEVEL (1009400)**Grade 12****1.0 EN Credit – 2 Semesters**

This course encourages learners to engage with a variety of topics, including knowledge and understanding which is gained from the study of other subjects. Students will learn to become confident in analyzing knowledge and opinion from a variety of sources, to build arguments and to communicate through written English. This course prepares students to take the Cambridge International AICE General English Paper – AS Level exam and students who perform successfully on the exam may receive college credit. This course may have a required summer reading assignment.

AICE ENGLISH LITERATURE 1 – AS LEVEL (1005370)**Grade 12****1.0 EN Credit – 2 Semesters****Prerequisite: English Teacher Recommendation**

The purpose of this college-level course is to emphasize high-level analysis and interpretation of British and world literature, including poetry, prose, and drama. Writing, discussion, and reflection are incorporated during in-depth literature studies in preparation for exams. Coursework will also emphasize college preparedness. This course prepares students to take the Cambridge AICE International English Literature 1 – AS Level exam and students who perform successfully on the exam may receive college credit. This course may have a required summer reading assignment.

READING 1 (1000412)**Grade 9****1.0 EL Credit – 2 Semesters**

This course emphasizes reading comprehension, vocabulary, grammar, research, literary analysis, and includes learning skills in preparation of the Florida Assessment of Student Thinking (FAST) English Language Arts exam and the ACT test using a variety of grade appropriate texts encompassing a range of complexity.

READING 2 (1000414)**Grade 10****1.0 EL Credit – 2 Semesters**

This course allows students to engage in research, write in response to reading, and cite evidence to answer text-dependent questions both orally and in writing. Students are also taught skills in preparation of the Florida Assessment of Student Thinking (FAST) English Language Arts exam and the ACT test.

READING 3 (1000416)**Grade 11****1.0 EL Credit – 2 Semesters**

This purpose of this course is to increase reading fluency and endurance through integrated experiences in the language arts. This course incorporates reading and analysis of literary and informational selections to develop critical and close reading skills. Emphasis is placed on learning skills in preparation of the Florida Assessment of Student Thinking (FAST) English Language Arts exam and the ACT test.

READING 4 (1000418)**Grade 12****1.0 EL Credit – 2 Semesters**

This course incorporates reading and analysis of informational selections to develop critical reading skills necessary for success in college courses. This course prepares students for successful completion of the Florida college English language arts course requiring extensive grade-level reading. Students also learn critical thinking operations and processes, strategies for oral and written communication, and problem-solving skills, including test-taking skills in preparation of the Florida Assessment of Student Thinking (FAST) English Language Arts exam and the ACT test.

AICE GLOBAL PERSPECTIVES & INDEPENDENT RESEARCH – AS LEVEL (1700364)**Grades 11-12****1.0 EL Credit – 2 Semesters****Prerequisite: English Teacher Recommendation**

This college-level course aims to encourage students to think about and explore issues of global significance. Additionally, students will explore and make judgments about global issues of relevance and importance to their own lives. It offers the opportunity to acquire, develop and apply skills in critical thinking, problem-solving, research, communication, and collaboration. Students will develop research skills that will enable them to obtain information, evaluate its reliability and usefulness, and use the evidence gathered to construct their own arguments and lines of reasoning. This course prepares students to take the Cambridge International AICE Global Perspectives & Independent Research – AS Level exam and students who perform successfully on the exam may receive college credit. This course may have a required summer assignment.

AICE THINKING SKILLS – AS LEVEL (1700372)

Grade 12

1.0 EL Credit – 2 Semesters

Prerequisite: English Teach Recommendation

This course will help students develop a set of transferable skills, including critical thinking, reasoning and problem solving, that students can apply across a wide range of subjects and complex real-world issues. The course enables students to develop their ability to analyze unfamiliar problems, devise problem solving strategies, and evaluate the diverse ways a problem may be solved. Students will learn to put their personal views aside in favor of examining and evaluating the evidence. Students learn how to make informed and reasoned decisions and construct evidence-based arguments. These independent thinking skills build confidence and equip students with a toolkit for tackling complex and unfamiliar subjects, essential for successful progression to higher education or into professional employment. This course prepares students to take the Cambridge International AICE Thinking Skills – AS Level exam and students who perform successfully on the exam may receive college credit. This course may have a required summer assignment.


MATHEMATICS
ALGEBRA 1-A (1200370)

Grade 9

1.0 MA Credit – 2 Semesters

This course is designed to develop the algebraic concept and processes that can be used to analyze and solve a variety of routine and non-routine real world and mathematical problems. Students will learn content-related vocabulary, operations using real numbers in real-world problems, patterns, relations, and functions. Additional course content includes tables, sequences, and graphs, graphs to summarize data and predict outcomes, variables and their impact on outcomes and varied solution strategies to solve real-world problems.

ALGEBRA 1 (1200310)

Grades 9-10

1.0 A1 Credit – 2 Semesters

This course is designed to provide a rigorous and in-depth study of mathematics, emphasizing deductive reasoning skills, as a foundation for more advanced mathematical courses and to develop the skills needed to solve mathematical problems. The course content includes operations involving numbers, sets, and variables, properties of real numbers, function, relations and graphs, polynomial and rational algebraic expressions. To receive credit for this course, students must pass the course and earn a passing score on the Benchmarks for Excellent Student Thinking (B.E.S.T.) Algebra 1 End of Course exam.

ALGEBRA 1 HONORS (1200320)

Grades 9-10

1.0 A1 Credit – 2 Semesters

The purpose of this advanced course is to formalize and extend mathematics. 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 will engage in methods for analyzing, solving, and using quadratic functions. While the content focus of this course is consistent with the Algebra 1 course, honors level rigor will be achieved by increasing text complexity through text selection, focus on high-level qualitative measures, and complexity of task. Instruction will be structured to give students a deeper understanding of conceptual themes and organization within and across disciplines. Academic rigor is more than simply assigning to students a greater quantity of work. In general, the academic pace and rigor will be greatly increased for honors level course work. To receive credit for this course, students must pass the course and earn a passing score on the Benchmarks for Excellent Student Thinking (B.E.S.T.) Algebra 1 End of Course exam.

MATH FOR COLLEGE LIBERAL ARTS (1207350)

Grades 9-11

1.0 MA Credit – 2 Semesters**Prerequisite: Algebra 1**

This course will utilize instructional time to 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.

GEOMETRY (1206310)

Grades 9-12

1.0 GE Credit – 2 Semesters**Prerequisite: Algebra 1**

This course provides the opportunity for students to explore more complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments. To receive credit for this course, students must pass the course and take the Benchmarks for Excellent Student Thinking (B.E.S.T.) Geometry End of Course exam.

GEOMETRY HONORS (1206320)

Grades 9-12

1.0 GE Credit – 2 Semesters**Prerequisite: Algebra 1**

The purpose of this advanced course is to develop the geometric relationships and deductive strategies that can be used to solve a variety of real world and mathematical problems. The course content will include logic and reasoning, the study of Euclidean geometry of line, planes, angles, triangles, similarity, congruence, geometric inequalities, polygons and circles, area and volume, and constructions. While the content focus of this course is

consistent with the Geometry course, honors level rigor will be achieved by increasing text complexity through text selection, focus on high-level qualitative measures, and complexity of task. Instruction will be structured to give students a deeper understanding of conceptual themes and organization within and across disciplines. Academic rigor is more than simply assigning to students a greater quantity of work. In general, the academic pace and rigor will be greatly increased for honors level course work. To receive credit for this course, students must pass the course and take the Benchmarks for Excellent Student Thinking (B.E.S.T.) Geometry End of Course exam.

ALGEBRA 2 (1200330)**Grades 10-12****1.0 MA Credit – 2 Semesters****Prerequisite: Geometry**

This course allows students to build on their work in linear, quadratic, and exponential functions. Students work closely with the expressions that define the functions, and continue to expand and hone their abilities to model situations and solve equations, including solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms.

ALGEBRA 2 HONORS (1200340)**Grades 10-12****1.0 MA Credit – 2 Semesters****Prerequisite: Geometry**

This advanced course offers a fast paced structured classroom environment for students to build on their work in linear, quadratic, and exponential functions and extend their repertoire of functions to include polynomial, rational, and radical functions. Students work closely with the expressions that define the functions, and continue to expand and hone their abilities to model situations and to solve equations, including solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms. While the content focus of this course is consistent with the Algebra 2 course, honors level rigor will be achieved by increasing text complexity through text selection, focus on high-level qualitative measures, and complexity of task. Instruction will be structured to give students a deeper understanding of conceptual themes and organization within and across disciplines. Academic rigor is more than simply assigning to students a greater quantity of work. In general, the academic pace and rigor will be greatly increased for honors level course work.

MATH FOR DATA AND FINANCIAL LITERACY (1200384)**Grades 11-12****1.0 MA Credit – 2 Semesters****Prerequisite: Geometry**

This course will emphasize instruction in 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.

PROBABILITY AND STATISTICS WITH APPLICATIONS HONORS (1210300) Grades 11-12

1.0 MA Credit – 2 Semesters

Prerequisite: Algebra 2

The purpose of this advanced course is to explore the fundamental concepts of probability and statistics through exercises that require students to interpret results, provide written explanations, find patterns, and make decisions. The main objective is to provide students with the foundations of statistical inference mostly used in a wide variety of disciplines, such as business and economics.

AP STATISTICS (1210320) Grades 11-12

1.0 MA Credit – 2 Semesters

Prerequisite: Probability and Statistics with Applications Honors

The purpose of this college-level course is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: exploring data, sampling and experimentation, anticipating patterns, and statistical inference. Students use technology, investigations, problem solving, and writing as they build conceptual understanding. This course prepares students to take the AP Statistics exam developed by the College Board and students who perform successfully on the exam may receive college credit.

AICE MATH 1 – AS LEVEL (1202352) Grades 11-12

1.0 MA Credit – 2 Semesters

Prerequisite: Algebra 2

The purpose of this college-level course is to enable students to develop their knowledge and skills of calculus mathematics, develop an understanding of mathematical principles and an appreciation of mathematics as a logical and coherent subject, develop the ability to analyze problems logically, and recognize when and how a situation may be represented mathematically. Students will take successfully complete two components of Pure Mathematics and/or Mechanics in this AS Level mathematics course. This course prepares students to take the Cambridge International AICE Math 1 - AS Level exam and students who perform successfully on the exam may receive college credit.

AICE MATH 1 – A LEVEL Grades 11-12

1.0 MA Credit – 2 Semesters

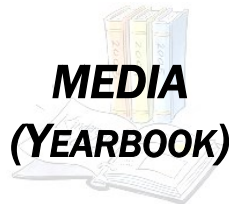
Prerequisite: AICE Math 1 – AS Level

This college-level course continues developing students' knowledge and skills of calculus mathematics to use mathematics as a means of communication with emphasis on the use of clear expression, identify and interpret relevant factors and select an appropriate mathematical method to solve the problem, acquire the mathematical background

necessary for further study in mathematics or related subjects. Students will successfully complete four components in this A Level mathematics course. This course prepares students to take the Cambridge International AICE Math 1 - A Level exam and students who perform successfully on the exam may receive college credit.

AP COMPUTER SCIENCE PRINCIPLES (0200335)**Grades 11-12****1.0 MA Credit – 2 Semesters****Prerequisite: Geometry**

AP Computer Science Principles is an introductory college-level computing course that introduces students to the breadth of the field of computer science. Students learn to design and evaluate solutions and to apply computer science to solve problems through the development of algorithms and programs. They incorporate abstraction into programs and use data to discover new knowledge. Students also explain how computing innovations and computing systems—including the internet—work, explore their potential impacts, and contribute to a computing culture that is collaborative and ethical.

**MEDIA PRODUCTION (1006300)****Grades 9-11****1.0 PA Credit – 2 Semesters**

The purpose of this course is to enable students to develop fundamental skills in the production of journalism across print or electronic media. Activities include designing the yearbook for the current school year. Access to and knowledge of a digital camera is strongly recommended. Special Note: This course will be combined with other journalism courses.

DIGITAL DESIGN 1 (1006310)**Grades 10-12****1.0 PA Credit – 2 Semesters****Prerequisite: Media Production**

The purpose of this course is to enable publication staff to continue to develop fundamental skills in the production of journalism across print and electronic media. Leadership and managerial skills will be exercised in editorial positions earned through proven experience. Activities include designing the yearbook for the current school year. Special Note: This course will be combined with other journalism courses.

PHOTOJOURNALISM (1006320)

Grades 11-12

1.0 PA Credit – 2 Semesters

Prerequisite: Media Production and Digital Design 1

This course is designed to introduce students to basic photojournalism techniques, including camera operation, lighting, composition, photo editing (with Adobe Photoshop), and storytelling for print and online publications. Through this course, students will become familiar with Digital Single Lens Reflex (DSLR) cameras as well as cameras on mobile devices and learn how to create authentic journalistic documents.



PHYSICAL EDUCATION

All Florida high school students are required to successfully complete one credit of physical education, which includes the integration of health (commonly referred to as the HOPE requirement), in order to develop and enhance healthy behaviors that influence lifestyle choices and student health and fitness. Students at Newberry High School are offered one semester of Personal Fitness and one semester of a physical education course to satisfy this graduation requirement.

Students may be exempted from satisfying this physical education requirement for graduation under the following conditions:

- Participation in an interscholastic sport at the JV or varsity level for two full seasons shall waive the full one-credit physical education requirement. Students are responsible for submitting the Sports Waiver Documentation for Physical Education completed by both the student and the NHS Athletic Director or Coach. This form can be obtained from the NHS Guidance Office or online at the [NHS Student Information Center \(H.O.P.E.\)](#).
- Participation in the NHS marching band for two full years shall waive one-half credit of the physical education requirement. *Students are still required to complete the Personal Fitness course but are not required to complete a physical education course.* Students are responsible for submitting the Band Waiver Documentation for Physical Education completed by both the student and the Band Director. This form can be obtained from the NHS Guidance Office or online at the [NHS Student Information Center \(H.O.P.E.\)](#).

PERSONAL FITNESS (1501300)**Grades 9-12****0.5 PE Credit – 1 Semester**

The purpose of this required course is to provide students with the knowledge, skills, and values they need to become healthy and physically active for a lifetime. This course addresses both the health and skill-related components of physical fitness, which are critical for students' success. This course, when paired with another 0.5 credit physical education course, fulfills the physical education requirement for high school credit (H.O.P.E.).

BASKETBALL (1503310)**Grades 10-12****0.5 PE Credit – 1 Semester**

The purpose of this course is to enable students to develop knowledge and skills in basketball and to improve health-related fitness. Skills and drills which directly affect student's physical and cognitive abilities will be covered. Students will participate in individual and team techniques in relationship to basketball strategy. Participation in course activities will enhance healthy behaviors that influence students to participate in physical activities throughout their life.

BASKETBALL 2 (1503315)**Grades 10-12****0.5 PE Credit – 1 Semester****Prerequisite: Basketball**

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

Individual and Dual Sports 1 (1502410)**Grades 10-12****0.5 PE Credit – 1 Semester**

The purpose of this course is to acquire knowledge of individual and dual sports play, develop basic skills in selected individual and dual sports, and maintain and / or improve health related fitness. The content includes safety practices, assessment of health-related fitness, basic skills, techniques, strategies, rules, assessment of basic skills, consumer issues, and fitness activities.

Individual and Dual Sports 2 (1502420)**Grades 10-12****0.5 PE Credit – 1 Semester****Prerequisite: Individual and Dual Sports 1**

The purpose of this course is to further acquire knowledge of individual and dual sports play, develop basic skills in selected individual and dual sports, and maintain and / or improve health related fitness. The content includes safety practices, assessment of health-related

fitness, basic skills, techniques, strategies, rules, assessment of basic skills, consumer issues, and fitness activities.

Individual and Dual Sports 3 (1502430)**Grades 10-12****0.5 PE Credit – 1 Semester****Prerequisite: Individual and Dual Sports 2**

The purpose of this course is to further acquire knowledge of individual and dual sports play, develop basic skills in selected individual and dual sports, and maintain and / or improve health related fitness. The content includes safety practices, assessment of health-related fitness, basic skills, techniques, strategies, rules, assessment of basic skills, consumer issues, and fitness activities.

Team Sports 1 (1503350)**Grade 9****0.5 PE Credit – 1 Semester**

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

Weight Training 1 (1501340)**Grades 10-12****0.5 PE Credit – 1 Semester**

The purpose of this course is to introduce the physical skills necessary to be competent in many forms of movement as it relates to weight training. The integration of fitness concepts throughout the content is critical to the success of this course.

Weight Training 2 (1501350)**Grades 10-12****0.5 PE Credit – 1 Semester****Prerequisite: Weight Training 1**

The purpose of this course is to continue development of the physical skills necessary to be competent in many forms of movement as it relates to weight training. The continued integration of fitness concepts throughout the content is critical to the success of this course.

Weight Training 3 (1501360)**Grades 10-12****0.5 PE Credit – 1 Semester****Prerequisite: Weight Training 2**

The purpose of this course is to train students in advanced concepts of the physical skills necessary to be competent in many forms of movement as it relates to weight training. The ongoing integration of fitness concepts throughout the content is critical to the success of this course.

**ENVIRONMENTAL SCIENCE (2001340)**

Grade 9

1.0 EQ Credit – 2 Semesters

This course provides students with a study of man's interaction with his environment. Course studies include pollution, conservation, environmental planning and policy, public land usages, population dynamics, and major forms of energy. This course integrates laboratory investigations and has a strong outdoor field component involving observation and data collection.

ENVIRONMENTAL SCIENCE HONORS (2001341)

Grade 9

1.0 EQ Credit – 2 Semesters

This advanced course is designed to provide students with scientific principles, concepts, and methodologies required to identify and analyze environmental problems and to evaluate risks and alternative solutions for resolving and / or preventing them. Laboratory investigations that include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course. While the content focus of this course is consistent with the Environmental Science course, honors level rigor will be achieved by increasing text complexity through text selection, focus on high-level qualitative measures, and complexity of task. Instruction will be structured to give students a deeper understanding of conceptual themes and organization within and across disciplines. Academic rigor is more than simply assigning to students a greater quantity of work.

BIOLOGY 1 (2000310)

Grade 10

1.0 BI Credit – 2 Semesters

This course provides students with general exploratory experiences and activities in the fundamental concepts of life at the cellular level and beyond. Students will learn about DNA, mutations, human reproduction, and new technologies that are helping to uncover life's mysteries. The content will also include a comprehensive curriculum entailing cellular studies, photosynthesis and respiration, principles of genetics, origins of life, and the scientific research method. To receive credit, students must pass the course and take the Next Generation Sunshine State Standards (NGSSS) Biology 1 End of Course exam.

BIOLOGY 1 HONORS (2000320)

Grades 9-10

1.0 BI Credit – 2 Semesters

The content of this advanced course includes a comprehensive curriculum entailing cellular studies, photosynthesis and respiration, principles of genetics, origins of life, and the scientific research method. Also included will be an overview of classification, including microbiology, botany, and invertebrate and vertebrate studies. While the content focus of this course is consistent with the Biology 1 course, honors level rigor will be achieved by

increasing text complexity through text selection, focus on high-level qualitative measures, and complexity of task. Instruction will be structured to give students a deeper understanding of conceptual themes and organization within and across disciplines. Academic rigor is more than simply assigning to students a greater quantity of work. To receive credit, students must pass the course and take the Next Generation Sunshine State Standards (NGSSS) Biology 1 End of Course exam.

MARINE SCIENCE 1 (2002500)**Grades 11-12****1.0 EQ Credit – 2 Semesters**

This course is designed to meet the needs of the student who wishes to obtain an in-depth awareness of coastal and marine systems. The course will include a study of the physical, chemical, and geological aspects of oceanography, marine biology, the coastal environment, and the inter-relationships among the disciplines.

FORENSIC SCIENCE 1 (2002480)**Grades 11-12****1.0 EQ Credit – 2 Semesters**

This course emphasizes critical thinking and problem solving through the use of real-world forensic science methodologies and applies the use of multiple sciences – chemistry, physics, and biology – to criminal and civil laws that are enforced by police agencies in a criminal justice system. Students will investigate fingerprinting, fiber analysis, ballistics, arson, trace evidence analysis, poisons, drugs, blood splatters, and blood samples. Students are taught the proper collection, preservation, and laboratory analysis of various samples.

ANATOMY AND PHYSIOLOGY (2000350)**Grades 11-12****1.0 EQ Credit – 2 Semesters**

This course will enable students to develop an understanding of the relationships between the structures and functions of the human body. Students will also be provided with general exploratory activities in structure and function of systems of the human body. This course will involve laboratory activities, projects, dissections, textbook material, models, diagrams, journal writings, and clinical studies.

ANATOMY AND PHYSIOLOGY HONORS (2000360)**Grades 11-12****1.0 EQ Credit – 2 Semesters**

This advanced course is an intensive study of the structure and function of the human body. This will include a review of introductory biology, cytology, histology, integumentary, skeletal, muscular, circulatory, and digestive systems and the special senses. While the content focus of this course is consistent with the Anatomy and Physiology course, honors level rigor will be achieved by increasing text complexity through text selection, focus on high-level qualitative measures, and complexity of task. Instruction will be structured to give students a deeper understanding of conceptual themes and organization within and across disciplines. Academic rigor is more than simply assigning to students a greater quantity of work. Laboratory activities are an integral part of this course.

CHEMISTRY 1 (2003340)**Grades 11-12****1.0 EQ Credit – 2 Semesters**

This course provides a study of composition, properties, and changes associated with matter, including classification and structure of matter, atomic theory, the periodic table, bonding, chemical formulas and reactions, balanced equations, behavior of gases, physical changes, acids, bases, and salts, and energy associated with physical and chemical changes. A strong math background is recommended.

CHEMISTRY 1 HONORS (2003350)**Grades 11-12****1.0 EQ Credit – 2 Semesters**

This advanced course provides a rigorous study of composition, properties, and changes associated with matter, including chemical bonding, formula writing, nomenclature, chemical equations, kinetic theory, gas laws, acids and bases, energy relationships, solids, liquids, and solutions. While the content focus of this course is consistent with the Chemistry 1 course, honors level rigor will be achieved by increasing text complexity through text selection, focus on high-level qualitative measures, and complexity of task. Instruction will be structured to give students a deeper understanding of conceptual themes and organization within and across disciplines. Academic rigor is more than simply assigning to students a greater quantity of work. Laboratory investigations are an integral part of this course. A strong math background is recommended.

PHYSICS 1 HONORS (2003390)**Grades 11-12****1.0 EQ Credit – 2 Semesters**

This advanced course provides students with an introduction to matter, energy, and the forces of nature. Topics include mechanics, optics, sound, electricity, and magnetism. This class emphasizes problem solving skills and has a strong lab component. It also covers traditional physics concepts like Newtonian Mechanics, Gas Laws, and Fluid Mechanics. A strong math background is recommended. Honors level rigor will be achieved by increasing text complexity through text selection, focus on high-level qualitative measures, and complexity of task. Instruction will be structured to give students a deeper understanding of conceptual themes and organization within and across disciplines. Academic rigor is more than simply assigning to students a greater quantity of work.

AP BIOLOGY (2000340)**Grades 11-12****1.0 BI Credit – 2 Semesters****Prerequisite: Biology 1**

This college-level course allows students to cultivate their understanding of biology through inquiry-based investigations as they explore evolution, cellular processes, energy and communication, genetics, information transfer, ecology, and interactions. The course content includes cell biology, biochemistry, classical genetics, molecular genetics, evolution, ecology, taxonomy, and the anatomy and physiology of plants and animals. This course

prepares students to take the AP Biology exam developed by the College Board and students who perform successfully on the exam may earn college credit.

AP CHEMISTRY (2000370)**Grades 11-12****1.0 EQ Credit – 2 Semesters****Prerequisite: Chemistry**

This college-level course provides instruction relating to the structure of matter, the states of matter, chemical reactions, and descriptive chemistry. Laboratory investigations are an integral part of this course. This course prepares students to take the AP Chemistry exam developed by the College Board and students who perform successfully on the exam may earn college credit.

AP ENVIRONMENTAL SCIENCE (2001380)**Grades 11-12****1.0 EQ Credit – 2 Semesters****Prerequisite: Biology 1**

This college-level course is designed to engage students with the scientific principles, concepts, and methodologies required to understand the interrelationships within the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. This course prepares students for the AP Environmental Science exam developed by the College Board and students who perform successfully on the exam may earn college credit.

AICE MARINE SCIENCE 1 – AS LEVEL (2002515)**Grades 11-12****1.0 EQ Credit – 2 Semesters****Prerequisite: Biology 1**

This course provides students with a coherent and stimulating introduction into the science of the marine environment. The emphasis throughout is on the understanding of concepts and the application of ideas to new contexts. Marine Science can form part of an ideal subject combination for students who want to study Marine Biology or Environmental Science at university or to follow a career in shipping, fisheries, tourism, or aquaculture. This course may include field trips during the school day. This course prepares students to take the Cambridge International AICE Marine Science 1 – AS Level exam and students who perform successfully on the exam may receive college credit.



SOCIAL STUDIES

WORLD HISTORY (2109310)**Grade 9****1.0 WH Credit – 2 Semesters**

This course provides students with an understanding of the contemporary world through an overview of how politics, economics, geography, world religions, culture, science, technology, citizenship, and global relations have influenced and shaped the major events from the Middle Ages to the 21st Century.

WORLD HISTORY HONORS (2109320)**Grade 9****1.0 WH Credit – 2 Semesters**

This advanced course is designed to provide students with an effective understanding of the past in terms of change or process as it relates to the development of humanity. This is done by looking at the political, economic, social, religious, military, dynastic, scientific, technical, and cultural events that have shaped and molded humanity. While the content focus of this course is consistent with the World History course, honors level rigor will be achieved by increasing text complexity through text selection, focus on high-level qualitative measures, and complexity of task. Instruction will be structured to give students a deeper understanding of conceptual themes and organization within and across disciplines. Academic rigor is more than simply assigning to students a greater quantity of work.

US HISTORY (2100310)**Grade 11****1.0 AH Credit – 2 Semesters**

This course provides students with a study of United States history from Reconstruction to the present day. Students will be exposed to the historical, geographic, political, economic, and sociological events which influenced the development of the United States and the resulting impact on world history. In order to receive credit for this course, the student must pass the course and take the Next Generation Sunshine State Standards (NGSSS) End of Course exam.

US HISTORY HONORS (2100320)**Grade 11****1.0 AH Credit – 2 Semesters**

This advanced course provides students with an understanding of historical persistence and perceptions of change, and covers the development of the United States from colonization to current times, with emphasis placed on events after Reconstruction. While the content focus of this course is consistent with the US History course, honors level rigor will be achieved by increasing text complexity through text selection, focus on high-level qualitative measures, and complexity of task. Instruction will be structured to give students a deeper understanding of conceptual themes and organization within and across disciplines. Academic rigor is more than simply assigning to students a greater quantity of work. In order

to receive credit for this course, the student must pass the course and take the Next Generation Sunshine State Standards (NGSSS) End of Course exam.

AP US HISTORY (2100330)**Grade 11****1.0 AH Credit – 2 Semesters****Prerequisite: English Teacher Recommendation**

This college-level course allows students to investigate significant events, individuals, developments, and processes from approximately 1491 to the present. Students develop and use the same skills and methods employed by historians in analyzing primary and secondary sources, developing historical arguments, making historical connections, and utilizing reasoning about comparison, causation, and continuity and change. This course prepares students to take the AP US History exam developed by the College Board and students who perform successfully may receive college credit.

US GOVERNMENT (2106310)**Grade 10****0.5 AG Credit – 1 Semester**

This course provides students with an understanding of American government and political behavior, including 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, functions of the three branches of government at the local, state, and national level, and the political decision-making process.

US GOVERNMENT HONORS (2106320)**Grade 10****0.5 AG Credit – 1 Semester**

This advanced course provides students with the opportunity to acquire a comprehensive understanding of American government and political behavior. Course studies include the synthesis of information from primary sources and documents, the analysis of the roles of the executive, legislative, and judicial branches of government, and the evaluation of the role of public opinion and interest groups in the formation of government policy at the local, state, and national levels. While the content focus of this course is consistent with the US Government course, students will explore these concepts in greater depth. In general, the academic pace and rigor will be greatly increased for honors level course work.

AP US GOVERNMENT AND POLITICS (2106420)**Grade 10****0.5 AG Credit – 1 Semester****Prerequisite: US History Teacher Recommendation**

This college-level course provides students a nonpartisan introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Students will study US foundational documents, Supreme Court decisions, and other texts and visuals to gain an understanding of the relationships and interactions among political institutions, processes,

and behaviors. They will also engage in disciplinary practices that require them to read and interpret data, make comparisons and applications, and develop evidence-based arguments. This course will prepare students to take the AP US Government and Politics exam developed by the College Board and students who perform successfully on the exam may earn college credits.

ECONOMICS (2102310)**Grade 12****0.5 EC Credit – 1 Semester**

This course studies the concepts and processes of the national and international economic systems. Content includes 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.

ECONOMICS HONORS (2102320)**Grade 12****0.5 EC Credit – 1 Semester**

This advanced course provides students with the opportunity to acquire a comprehensive understanding of the way in which societies organize to utilize their limited resources to satisfy unlimited wants and the distinguishing characteristics of various economic systems. While the content focus of this course is consistent with the Economics course, students will explore these concepts in greater depth. In general, the academic pace and rigor will be greatly increased for honors level course work.

AP MICROECONOMICS (2102360)**Grade 12****0.5 EC Credit – 1 Semester****Prerequisite: US History Teacher Recommendation**

This college-level course introduces students to the principles of economics that apply to the functions of individual economic decision-makers. The course also develops students' familiarity with the operation of product and factor markets, distributions of income, market failure, and the role of government in promoting greater efficiency and equity in the economy. Students use graphs, charts, and data to analyze, describe, and explain economic concepts. This course prepares students to take the AP Microeconomics exam developed by the College Board and students who perform successfully on the exam may earn college credits.

PERSONAL FINANCIAL LITERACY (2102372)**Grade 12****0.5 PL Credit – 1 Semester**

Starting in the 23-24 school year with the incoming freshman cohort, a Financial Literacy course will be a core Social Studies graduation requirement. This course consists of the following content area and literacy strands: Economics, Financial Literacy, Mathematics, Languages Arts for Literacy in History/Social Studies and Speaking and Listening. Basic economic concepts of

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

PERSONAL FINANCIAL LITERACY HONORS (2102374)

Grade 12

0.5 PL Credit – 1 Semester

Starting in the 23-24 school year with the incoming freshman cohort, a Financial Literacy course will be a core Social Studies graduation requirement. This advanced course consists of the following content area and literacy strands: Economics, Financial Literacy, Mathematics, Languages Arts for Literacy in History/Social Studies and Speaking and Listening. Basic economic concepts of scarcity, choice, opportunity cost, and cost/benefit analysis are interwoven throughout the standards and objectives. Emphasis will be placed on economic decision-making and real-life applications using real data. The primary content for the course pertains to the study of learning the ideas, concepts, knowledge and skills that will enable students to implement beneficial personal decision-making choices; to become wise, successful, and knowledgeable consumers, savers, investors, users of credit and money managers; and to be participating members of a global workforce and society. While the content focus of this course is consistent with the Personal Financial Literacy course, students will explore these concepts in greater depth. In general, the academic pace and rigor will be greatly increased for honors level course work.

AP EUROPEAN HISTORY (2109380)

Grades 10-12

1.0 EL Credit – 2 Semesters

Prerequisite: English Teacher Recommendation

This college-level course allows students to investigate significant events, individuals, developments, and processes from approximately 1450 to the present. Students will make connections among historical developments in different times and places, interaction of Europe and the world, economic and commercial development, cultural and intellectual development, states and other institutions of power, social organization and development, national and European identity, and technological and scientific innovations. This course prepares students to take the AP European History exam developed by the College Board and students who perform successfully on the exam may earn college credits.

AP HUMAN GEOGRAPHY (2103400)

Grades 10-12

1.0 EL Credit – 2 Semesters

Prerequisite: English Teacher Recommendation

This college-level course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface.

Students employ spatial concepts and landscape analysis to examine socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications. The curriculum reflects the goals of the National Geography Standards (2012). This course prepares students to take the AP Human Geography exam developed by the College Board and students who perform successfully on the exam may earn college credits.

AFRICAN-AMERICAN HISTORY (2100340)

Grades 9-12

1.0 EL Credit – 2 Semesters

This course emphasizes the study of chronological development of African Americans by examining the political, economic, social, religious, military, and cultural events that affected the cultural group. Course content includes West African heritage, the Middle Passage and Triangular Trade, the African Diaspora, significant turning points and trends in the development of African American culture and institutions, enslavement and emancipation, the Abolition, Black Nationalist, and Civil Rights movements, major historical figures and events in African-American history, and contemporary African-American affairs.



EXECUTIVE INTERN – OFFICE AIDE (0500300)

Grade 12

1.0 EL Credit – 2 Semesters

Prerequisite: Administrative Approval

This course allows students to gain hands-on experience in an office setting. Students will serve as support to the office staff and / or the deans' office and will learn the working conditions based on their placement. Students must maintain confidentiality and behave in a courteous and professional manner. Placement as an Office Aide is a privilege, which can be revoked for attendance or behavior issues.

EXECUTIVE INTERN – TV PRODUCTION (0500300)

Grades 10-12

1.0 EL Credit – 2 Semesters

Prerequisite: Administrative Approval

This course is designed to introduce students to television production techniques. Students will be introduced to a variety of production roles and basic equipment including lighting, audio and video recording systems. Students will also be introduced to studio facilities and basic editing techniques. Placement as a TV Production student is a privilege, which can be revoked for attendance or behavior issues.

