

## 2011-2012 Curriculum Guide

*Dear Parents,*

*Niceville High School is proud to present our Curriculum Guide for the 2011-2012 school year. Much thought has gone into the creation of this guide. We have included new state course requirements, have responded to our students' requests, and realized the constraints of 2011-2012 core course requirements.*

*At Niceville High School we want to help all students select the most rigorous course of study in which they can be successful and stretch to their full potential. Through close communication with our instructional staff and guidance counselors in the NHS Guidance Department, we provide parents and students the information needed to make appropriate choices about the classes for the coming school year.*

*Please read this guide and select the courses for your child with great care. We are available to help with any questions. Your child's teachers are a valuable source. They know his/her abilities and can guide you in making the correct choice of classes.*

*Please feel free to call your child's counselor, teachers, or me if we can be of any help during this registration process.*

*Sincerely,*

*Dr. Linda Smith, Principal*



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# NICEVILLE HIGH SCHOOL



## 2011-2012 10<sup>th</sup> -12<sup>th</sup> Grade Curriculum Guide

### ***ANNUAL REGISTRATION INSTRUCTIONS FOR STUDENTS***

As a student enrolled in Niceville High School, you are given the opportunity to select coursework each spring for the following year. It is important that you involve your parents in course selection, that you make certain you meet the prerequisites, and that you keep high school graduation requirements and career objectives in mind. This guide is designed to aid you in making appropriate choices by providing brief program and course descriptions, prerequisites, and other information related to this process. In order to complete registration successfully, you are urged to follow the steps identified below:

1. **READ** the curriculum guide carefully.
2. **REVIEW** the list of graduation requirements and determine which requirements have been met and which courses need to be taken next year. Consider courses which need to be repeated because of lost credit.
3. **TALK** to your parents and teachers about course selections and appropriate academic levels (General, Honors, Advanced Studies) as determined by your classroom teacher.
  - **General** – Courses designed for in-depth instruction that challenges students. These classes are suitable for all students.
  - **Honors** – Courses designed for self-motivated students who wish to pursue a more challenging curriculum while in high school
  - **Advanced Studies (Advanced Placement/AICE)** – College-level courses designed for highly motivated students who wish to pursue potential college credit in high school
  - **Vocational** – Courses designed to prepare students for employment and/or post-secondary education in a career of their choice
4. **SELECT** courses that will correspond to or complement your goals for the future.

**Course selection represents a commitment on the part of the student and parent to complete the schedule of classes chosen;** however, requests for schedule changes will be considered for the following reasons:

- a. Scheduling error (example – request Algebra I and receive Algebra II)
- b. Failure to complete a prerequisite course or requirement
- c. Graduation or college requirement omitted from schedule
- d. Special programs requiring unique schedules (examples – choral, instrumental, vocational, Exceptional Student Education, dual enrollment, Advanced Placement, AICE) or
- e. Summer School course completion (if summer school is available)

***Special Note:* Additionally, the administration reserves the right to make necessary changes based on class size and teacher load as determined by the State of Florida Core Course-Size Requirements. As a reminder, NHS does *not* accept teacher recommendations in regard to student scheduling.**

**GENERAL INFORMATION**



**GRADE CLASSIFICATION**

The following classification system applies to Niceville High School students.

**Freshman**

(9th grade): Promotion or placement from eighth grade.

**Sophomore**

(10th grade): 6 credits are needed for promotion to this grade.

**Junior**

(11th grade): 12 credits are needed for promotion to this grade.

**Senior**

(12th grade): 17 credits are needed for promotion to this grade.

**A STUDENT CANNOT BE BEHIND IN CREDITS TO BE CONSIDERED A SENIOR!**

**GRADING SCALE AND POINT VALUE PER CREDIT FOR ACADEMIC SUBJECTS**

The following table reflects the statewide, uniform grading system used on report cards for grades 1-12, the grade definitions, and the grade point values. The table also lists the weighted grade point values that apply to Okaloosa County. **F.S. 1003.437**

Grade	Percent	Grade Definition	Grade Point Value Non-weighted	Grade Point Value Weighted: all other district approved weighed courses	Grade Point Value Weighted: IB, AP, AICE, Gifted, Dual Enrollment, CHOICE courses receiving college credit- applies to SUS and county only (does not apply for FL Bright Futures)
A	90-100	Outstanding Progress	4	4.5	5
B	80-89	Above Average Progress	3	3.5	4
C	70-79	Lowest Acceptable Progress to Average Progress	2	2.5	3
D	60-69	In Danger of Failing	1	1.5	2
F	0-59	Failure	0	0	0

Students will receive a weighting of one (1) point for all courses held to a college standard. These include all AP, IB, AICE, Dual Enrollment, Gifted and designated CHOICE courses. All other courses listed on the district weighting table will receive a weighting of half (0.5) of a point.

### **GRADE FORGIVENESS**

Students who earn a grade of “D” or “F” may retake the course and replace the “D” or “F” when earning a grade of “C” or higher in the same or comparable course. Elective course forgiveness may only occur when replacing the “D” or “F” with a “C” or higher in *another elective course*. Credit will be awarded only once for a course which is repeated. The original grade will remain on the transcript but is not counted toward the cumulative GPA. Students having accepted high school credit while in middle school may forgive grades earned less than a “B.”

### **WEIGHTED GRADES**

NHS offers many courses that are classified as either 4.5 (honors) or 5.0 for Advanced Placement (AP), AICE, selected CHOICE courses, and Dual Enrollment (DE). These courses are college-level or equivalent to college rigor.

### **GUIDANCE AND COUNSELING SERVICES**

In an effort to provide a successful and rewarding school experience, a number of services have been made available to assist you and your parents through the Guidance Department. They include the following:

Short-term individual counseling	Providing students with information regarding scholarships, financial aid, testing procedures, and college admission procedures
Registration of new students	Group presentations
Course selection and scheduling	Schedule parent/teacher conferences
Maintenance and transfer of student records	
Credit checks	

**You are encouraged to meet with your counselor on an individual basis and to use his or her expertise in planning for the future.**

Transcript requests to colleges or other institutions will be limited to 2 requests without charge. Thereafter, students must pay \$1.00 PER TRANSCRIPT REQUEST. Transcripts for scholarship applications will be \$1.00.

### ***BRIGHT FUTURES SCHOLARSHIPS OFFERED BY THE STATE OF FLORIDA***

There are three scholarship awards under the title of Florida Bright Futures. The following is a list of the current requirements. For the latest information you can call 1-888-827-2004 or visit the home page at <http://www.floridastudentfinancialaid.org/SSFAD/bf/>. A student may qualify for all three award levels but may only receive the highest one earned.

**The Florida Academic Scholars Award** requires:

- 3.5 weighted GPA in the 16 credits identified by the Florida Board of Regents as college-preparatory courses:
- 4 English
- 4 Math (Algebra I and above)
- 3 Science
- 3 Social Studies
- 2 Foreign Language (must be the same language, 2 consecutive years)
- SAT score of 1270 or higher (class of 2012) or ACT score of 28 or higher (class of 2012, 2013)
- SAT score of 1280 or higher (class of 2013)
- SAT score of 1290 or higher (class of 2014 and thereafter) or ACT score of 29 or higher (class of 2014 and thereafter)
- 75 hours of documented community service



**The Florida Medallion Scholars Award** requires:

- 3.0 weighted GPA in the 15 credits identified by the Florida Board of Regents as college-preparatory courses:
- 4 English
- 4 Math (Algebra I and above)
- 3 Science
- 3 Social Studies
- 2 Foreign Language (must be the same language, 2 consecutive years)
- SAT score of 980 or higher or ACT score of 21 or higher (class of 2012)
- SAT score of 1020 or higher or ACT score of 22 (class of 2013)
- SAT score of 1050 or higher or ACT score of 23 (class of 2014 and thereafter)

**The Florida Gold Seal Vocational Scholars Award** requires:

- 3.0 weighted GPA in the 16 specific courses
- 3.5 un-weighted GPA in the required 3 vocational courses in the same program
- The following minimum scores on one of the following tests:

<b>CPT</b> - Reading Comprehension	83	<b>ACT</b> - Reading	18
Sentence skills	83	English	17
Elementary Algebra	72	Math	19

**SAT** - Verbal 440  
Math 440

The Florida Academic Scholars awards now cover only a portion of the tuition at Florida public institutions. This same dollar amount will also be awarded to students attending accredited private colleges in Florida. Detailed information may be found at [www.FloridaStudentFinancialAid.org/SSFAD/BF/awardamt.htm](http://www.FloridaStudentFinancialAid.org/SSFAD/BF/awardamt.htm) as changes in legislation may still occur.

***PLACEMENT OF STUDENTS IN INTENSIVE READING***

The placement of students into Intensive Reading is as follows:

- a) All level 1 students will be enrolled in Intensive Reading.
- b) Intensive Reading will primarily focus on fluency, vocabulary, and comprehension strategies through the use of flexible small group instruction and guided and independent practice.
- c) Continuous monitoring will be done through assessments approved by the Okaloosa County School District.
- d) Level 2 students will receive instruction through Intensive Reading or in reading across the content areas where a reading endorsed teacher is available.

It is **strongly recommended** that students who routinely score level 1 or 2 on FCAT Reading be placed in levels of classes which challenge the student within a range of their ability for success.

*“If you study to remember you will forget, but if you study to understand you will remember.” ~author unknown*



# Niceville High School Graduation Requirements

Niceville High School provides all students the opportunity to pursue the course work necessary to meet university entrance requirements or other post-secondary plans. NHS realizes that not all students will choose higher education. The goal of NHS is to foster the potential and power of students as they engage in meaningful learning experiences. Niceville High School students' learning includes complex concepts that require students to apply skills across different subjects. This approach to education encourages students to be active learners. Graduation from Niceville High School is based upon demonstration of what students actually know and can do as well as upon credits earned. The NHS diploma reflects a successful demonstration of competency.

## Course Requirements for Grades 9-12

<u>Academic Areas</u>	<u>Minimum Credits Required</u>
English	4
Mathematics	4
Science	3 (2 Lab Sciences – all NHS Sciences include labs)
Social Studies	3 (1.0 World History/1.0 American History/ .5 Economics / .5 American Government)
Personal Fitness	.5
Physical Education	.5
Fine/Performing	1
Electives	8 (2 or more credits in the same foreign language is strongly recommended and is <b>required</b> for entrance into a Florida university). Electives can include additional English, math, science and social studies classes

**Total Credits for Graduation: 24**

The state of Florida requires:

1. A minimum 2.0 cumulative grade point average to receive a diploma.
2. A demonstrated mastery of the minimum performance standards through the Florida Comprehensive Assessment Test (FCAT) in the areas of Reading and Math (FCAT Math required for 2011-2012 10<sup>th</sup> grade only)

### Important Note:

Senate Bill 4 requires students entering 9<sup>th</sup> grade in year 2010 take Algebra I and Geometry to graduate. The Algebra I End-of-Course Exam will count 30% of the student's grade.



## Graduation Certificates



Students in Okaloosa County Schools may earn the following types of certificates:

1. **Diploma:** Issued to students who meet the conditions set forth for graduation including at least a 2.0 grade point average (GPA) and who have passed the FCAT and mastered minimum high school performance standards.
2. **Certificate of Completion:** Issued to students who have met all requirements for graduation except a passing score on the FCAT and/or a cumulative 2.0 grade point average (GPA). They may try to earn a GED (see below).
3. **Florida High School Diploma:** Students or residents who are eighteen (18) years old or older and students who have met all requirements for graduation except the attainment of a 2.0 cumulative grade point average may apply to take the General Equivalency Diploma (GED) exam. A passing grade on the exam entitles the student to receive a Florida High School Diploma.

### **EXTRACURRICULAR ACTIVITIES**

Extracurricular activities include any after-school, school-sponsored activities, such as athletic competitions, musical performances, school dances, and club meetings. Many activities require a cumulative 2.0 GPA for participation.

### **COURSE DIFFICULTY LEVELS**

Colleges want students to be as well prepared as possible. NHS offers 3 levels of instructional difficulty: regular, honors, and Advanced Studies (Advance Placement and AICE courses). To move from one level to the next, students must earn an "A" or "B" in that subject area and have that subject area teacher recommend the student for higher level work. Students are strongly encouraged by universities, colleges, and NHS to strive for the highest, most rigorous level of coursework in which they can be successful.

Florida HB7067 (Section 4.Section 1002.45) requires each school district within the state of Florida to provide eligible students within its boundaries the options of participating in an online (or "virtual") instructional program. For information regarding our Florida Virtual School Franchise, contact Jeff Welsh at 833-3533.

Dual enrollment courses offered at Northwest Florida State College offer qualified high school students the opportunity to enroll in college courses while also enrolled in high school. Dual enrollment courses at UWF are offered online and are available to juniors and seniors who meet admission requirements set forth by UWF. Students receive both high school and college credit for courses taken at either school; therefore, student may only register for college courses which have been approved by the high school counselor. NWFSC exempts dual enrollment students from application, course, and laboratory fees and requires a weighted GPA of 3.0. UWF requires qualifying juniors and seniors to have a 3.5 unweighted GPA.

**NOTE: 9<sup>th</sup> and 10<sup>th</sup> grade students may not be considered for dual enrollment opportunities at NWFSC during the school day. Participation in dual enrollment by 9<sup>th</sup> grade students may only occur during the summer. 10<sup>th</sup> graders have the opportunity to take dual enrollment courses after their regular high school day ends and in the summer. Please note that participation through UWF only applies to juniors and seniors in high school. For more dual enrollment information, please see your high school counselor.**



## **SELECTION OF HONOR GRADUATES**

A district weighted grade point average will be used to calculate class rank and honors designations. At the end of the seventh semester for 24-credit graduates and the end of the fifth semester for the 18-credit graduates, honor graduates will be determined by the following scale:

### ***Summa Cum Laude***

4.5 and above

### ***Magna Cum Laude***

4.2 – 4.49

### ***CumLaude***

4.0 – 4.19

In order to be considered an honors graduate, students must be enrolled in the same year-long course at the same level and receive a grade for the 8th semester or have completed their (4) required courses by the end of the 7th semester. Thus, students are required to complete 4 years of each: English, Math, Science and Social Studies. 24-Credit Graduates – At the end of the seventh semester, honor graduates will be determined by averaging the following highest 19 credits:

**3.5 English Credit**

**3.5 Social Science Credits**

**3.5 Math Credits**

**3.5 Science Credits**

**1.5 Foreign Language Credits of the same language**

**3.5 Elective Credits**

**19.0 Total**

## **NATIONAL AP SCHOLAR RECOGNITION**

(Students are recognized by the College Board after AP exam scores are released)

- ❖ AP Scholar – The award of AP Scholar is granted to students who receive grades of 3 or higher on three or more AP exams on full-year courses.
- ❖ AP Scholar with Honor – AP Scholar with Honor is granted to students who receive an average grade of at least 3.25 on all AP exams, and grades of 3 or higher on four or five or more of these exams on full-year courses.
- ❖ AP Scholar with Distinction – AP Scholar with Distinction is granted to students who receive an average grade of at least 3.5 on all AP exams taken and grades of 3 or higher on five or more of these exams on full-year courses.
- ❖ AP State Scholar – AP State Scholar is granted to the one male and one female student in each U.S. state and District of Columbia with grades of 3 or higher on the greatest number of AP exams (at least three full-year course exams or the equivalent), and then the highest average grade (at least 3.5) on all AP exams taken.
- ❖ AP National Scholar – National AP Scholar is granted to students in the United States who receive an average grade of at least 4 on all AP exams taken, and grades of 4 or higher on eight or more of these exams on full-year courses.

## **NO-CLASS OPTION (for Juniors and Seniors only)**

Only students on track for graduation with a minimum of 14 credits, a 300 or higher on FCAT Reading, a level 3 FCAT Math score, and a cumulative un-weighted GPA of 2.50, will be allowed to register for a maximum of ONE No-Class period per year. Requests for a No-Class should be made at the time of registration and the completed notarized parent form MUST be returned **BEFORE** the last day of the current school year. **Final approval** for 11<sup>th</sup> and 12<sup>th</sup> graders making a request will occur after FCAT scores and GPA's are received/calculated during the summer. All requests for a No-Class are considered "pending" until that time. Any student anticipating a "No Class" period should complete the notarized form.

**Requests for a No-Class period will not be considered after the last day of the current school year due to courses and teachers' schedules being built based on student requests.**

**Special Note:** A no-class period may only be granted for 1<sup>st</sup> or 7<sup>th</sup> period unless a student is dually enrolled at NWFSC or has other special circumstances.

# ***NHS Course Levels***

## ***GENERAL***

- Students expected to meet requirements of Sunshine State Standards
- Expected homework: 20-30 minutes day/course

## ***HONORS***

- Grades of A or B in a regular or honors (other pre-requisites may apply)
- FCAT scores at level 3 and above, Algebra I EOC "B" or higher (level 2 Reading or "C" on Algebra I EOC requires teacher recommendation)
- Students should be able to demonstrate a solid work ethic and good attendance
- Expected homework: 30-45 minutes day/course
- Summer assignments may be given by instructor

## ***ADVANCED PLACEMENT and AICE PROGRAM (Advanced Studies Program)***

- Grades of A or B in an honors level course in the subject area
- FCAT scores at level 3 and above for optimal success
- Students should be able to demonstrate a solid work ethic and good attendance
- Students will be required to analyze, synthesize and evaluate information at the college level
- Expected homework: 1-2 hours day/course
- Note: Summer assignments may be given by instructor

## RECOMMENDED PROGRESSION OF ADVANCED STUDIES COURSE WORK

9TH GRADE	10TH GRADE	11TH GRADE	12TH GRADE
English I Honors	English II Honors	<b>AP English Language &amp; Composition</b>	<b>AP English Literature &amp; Composition</b>
Geometry Honors or Higher	Algebra II Honors or Higher (required for AP Physics)	Pre-Calculus	<b>AP Calculus AB/BC</b>
Biology I Honors Chemistry I Honors (if Bio I Honors successfully completed in middle school)	<b>AP Environmental Science</b> Chemistry I Honors (required for AICE Biology and AP Chemistry) Physics I Honors (after successful completion of Algebra II Honors) <b>AP Chemistry</b> (if successful completion of Chem I Honors and Algebra II Honors or concurrently taking Alg II Hon)	<b>AICE Biology</b> <b>AP Chemistry</b> <b>AP Environmental Science</b> Physics I Honors (required for AP Physics)	<b>AICE Biology</b> <b>AP Chemistry</b> <b>AP Environmental Science</b> <b>AP Physics</b> <b>AICE Marine Science</b>
<b>AP European History</b>	<b>AP World History</b>	<b>AP American History</b>	<b>AP Macro-economics</b> <b>AP Government: U. S</b>
Foreign Language of Choice	Foreign Language of Choice	Foreign Language of Choice	Foreign Language of Choice
<ul style="list-style-type: none"> <li>● Spanish I Honors</li> <li>● Latin I Honors</li> </ul>	<ul style="list-style-type: none"> <li>● Spanish II Honors</li> <li>● Latin II Honors</li> </ul>	<ul style="list-style-type: none"> <li>● Spanish III Honors</li> <li>● Latin III Honors</li> </ul>	<ul style="list-style-type: none"> <li>● <b>AICE Spanish</b></li> <li>● <b>AICE Latin</b></li> </ul>
<b>*AS Elective:</b> <b>AP Human Geography</b>	<b>*AS Elective(s):</b> <b>AP Art History</b> <b>AP Human Geography</b> <b>AP Music Theory</b> <b>AP Statistics</b> <b>AICE Thinking Skills</b> <b>AICE Physical Ed</b>	<b>*AS Elective(s):</b> <b>AP Art/Draw Portfolio</b> <b>AP Art History</b> <b>AP Human Geography</b> <b>AP Music Theory</b> <b>AP Psychology</b> <b>AP Statistics</b> <b>AP Studio Art/2-D</b> <b>AP Studio Art/3-D</b> <b>AICE Sociology</b> <b>AICE Thinking Skills</b> <b>AICE Physical Ed</b>	<b>*AS Elective(s):</b> <b>AP Art/Draw Portfolio</b> <b>AP Art History</b> <b>AP Human Geography</b> <b>AP Music Theory</b> <b>AP Psychology</b> <b>AP Statistics</b> <b>AP Studio Art/2-D</b> <b>AP Studio Art/3-D</b> <b>AICE Marine Science</b> <b>AICE Sociology</b> <b>AICE Thinking Skills</b> <b>AICE Physical Ed</b>
Elective: Choose one additional elective of your choice.	Elective: Choose one additional elective of your choice.	Elective: Choose one additional elective of your choice.	Elective: Choose one additional elective of your choice.

\*AICE = Advanced International Certificate of Education

\*AP = Advanced Placement

\*AS = Advanced Studies (term used to include AP and AICE courses)

\*Students desiring to immerse themselves in the Advanced Studies Program should choose an additional AS Elective at each grade level.

When considering students for admission, colleges and universities in Florida, as well as across the nation, place an extremely high emphasis on the number of college preparatory courses taken while in high school. For high school purposes, any course(s) taken over and above the needed graduation requirements will count as elective credit.

**SPECIAL NOTES: All students must meet state and local requirements for graduation. Also, a subject may not be offered if enough students do not request it.** You may contact Donnie Pridgen, Advanced Studies Coordinator, at [pridgend@mail.okaloosa.k12.fl.us](mailto:pridgend@mail.okaloosa.k12.fl.us) or 850.833.4114 x1194.



# NHS 2011 – 2012 Core Course Offerings Grades 10-12

## ENGLISH

**\*Denotes weighted courses**

*Florida requires a minimum of 4 Language Arts credits to graduate and to be considered for honors graduation status.*

**1001340 – English II**

1 year; 1 English credit; grade 10; prerequisite: completion of English I

**1001350 – English II Honors\***

1 year; 1 English credit; grade 10; prerequisite: completion of English I Honors; A/B average; minimum level 3 FCAT Reading; teacher recommendation

**1001370 – English III**

1 year; 1 English credit; grade 11; prerequisite: completion of English II

**1001380 – English III Honors\***

1 year; 1 English credit; grade 11; prerequisite: completion of English II Honors; A/B average; minimum level 3 FCAT Reading; teacher recommendation

**1001420 – AP English Language and Composition\***

A college-level course that includes an AP exam at the end of the year; the AP exam is not part of the student's high school grade.

1 year; 1 English credit; grade 11; prerequisite: completion of English II Honors; A/B average; minimum level 3 FCAT Reading and a passing score on FCAT Writes; teacher recommendation

**1001405 – English IV for College Success**

1 year; 1 English credit; grade 12; prerequisite: completion of English III

**1001410 – English IV Honors\***

1 year; 1 English credit; grade 12; prerequisite: completion of English III Honors; A/B average; minimum level 3 FCAT Reading; teacher recommendation

**1001430 – AP English Literature and Composition\***

A college-level course that includes an AP exam at the end of the year; The AP exam is not part of the student's high school grade.

1 year; 1 English credit; grade 12; prerequisite: completion of English III Honors or AP Language and Composition; A/B average; minimum level 3 FCAT Reading; teacher recommendation



**1700372 – AICE Thinking Skills I\***

**1700374 – AICE Thinking Skills II\***

The purpose of these courses involves the development of transferable thinking skills and processes. These skills are valuable within other subjects as well as being essential higher education. The Advanced International Certificate of Education (AICE) is an international pre-university curriculum and examination system administered by the Local Examinations Syndicate at the University of Cambridge. The AICE course includes embedded assessments and an internationally scored end-of-course assessment. AICE I must be completed prior to AICE II.

1 year; 1 elective credit; grades 10-12

**FCAT READING ASSISTANCE COURSE**

**1000410A/B/C – Intensive Reading (counts as one elective credit per reading course)**

**Intensive Reading A-** Grades 9-12; to include any student scoring level 1 on FCAT Reading

**Intensive Reading B-** Grades 9-12; to include any student scoring high level 1 or low level 2 on FCAT Reading

**Intensive Reading C-** Grades 9-12; to include any student scoring level 2 on FCAT Reading

**MATHEMATICS**

**\*Denotes weighted courses**

*Florida requires 4 math credits for graduation. Please note also that 4 credits are required to be considered for honors graduation status and is preferred by most universities. (Bright Futures counts Algebra IA and IB as one course; thus, students who previously took IA and IB will need an additional math credit to be considered for the Florida Academic and/or Medallion Scholarships. Students who took Algebra IA in 9<sup>th</sup> grade and are progressing to 10<sup>th</sup> grade for the 2011-2012 school year will be enrolled in Algebra I and Intensive Math.)*

**Algebra**

These courses develop the algebraic concepts and processes that can be used to solve a variety of real-world and mathematical problems.

**1200310 – Algebra I**

1 year; 1 math credit; grades 10-12

**1200330 – Algebra II**

1 year; 1 math credit; grades 10-12; prerequisite: Geometry and Level 3 (327 or higher) on 10<sup>th</sup> grade FCAT Math

**1200340 - Algebra II Honors\***

1 year; 1 math credit; grades 10-12; prerequisite: Geometry Honors; FCAT Math level 5 and teacher recommendation



**1200700 – Math for College Readiness**

Accepted as a math graduation credit and serves as “college readiness” (i.e., resembles college Intermediate Algebra course) and is **not** a remedial course. Students enrolled in this class should be in the CPT range of 72-86 and/or have received an Algebra II grade of a low “C” or a D/F . Successful completion of this course and passing the end-of-year CPT with a score of 86 or higher will enable the student to be enrolled in a college Algebra course without prior remediation.  
1 year; 1 math credit; grades 11-12

**Geometry**

The purpose of these courses is to develop the geometric relationships and deductive strategies that can be used to solve a variety of real world and mathematical problems.

**1206310 – Geometry**

1 year; 1 math credit; grades 10-12; prerequisite: A-C in Algebra I, Level 3-4 FCAT Math and/or math teacher recommendation

**1206320 – Geometry Honors\***

1 year; 1 math credit; grades 10-12; prerequisite: A in Algebra I Honors, Level 4-5 FCAT Math and/or math teacher recommendation

**Advanced Mathematics**

The purpose of these courses is to develop and supplement the understanding of advanced topics in mathematics below the level of calculus.

**1211300 – Trigonometry\***

½ year (1<sup>st</sup> semester); .5 math credit; grades 11-12; prerequisite: Algebra II and math teacher recommendation

**1206330 – Analytic Geometry\***

½ year (2<sup>nd</sup> semester); .5 math credit; grades 11-12; prerequisite: Trigonometry and math teacher recommendation

**1201300 – Math Analysis\***

1 year; 1 math credit; grades 11-12; prerequisite: A/B Trigonometry/Analytical Geometry or concurrently, math teacher recommendation

**1202340 – Pre Calculus\***

1 year; 1 math credit; grades 11-12; prerequisite: Algebra II Honors, math teacher recommendation



## ***Calculus***

In these courses, students study algebraic and transcendental functions and the general theory and techniques of calculus.

### **1202310 – AP Calculus AB\***

A college-level course that includes techniques and applications of the derivative, techniques and applications of the definite integral, and the Fundamental Theorem of Calculus; The AP test is given in May and is not part of the student's high school grade.

1 year; 1 math credit; grades 11-12, prerequisite: Pre-Calculus **and** math teacher recommendation

### **1202320 – AP Calculus BC\***

This college-level course is a continuation of the principals and fundamentals taught in AP Calculus AB. The AP test is given in May and is not part of the student's high school grade.

1 year; 1 math credit; grade 12; prerequisite: AP Calculus AB and teacher recommendation

## ***Statistics***

The purpose of this course is to develop student understanding of statistical analysis and probability.

### **1210320 – AP Statistics\***

This college-level course covers four major themes: exploratory analysis, sampling and experimentation, probability and statistical inference. The AP exam taken in May is not part of the student's high school grade.

1 year; 1 math credit; grades 10-12; prerequisite: A/B Algebra II or concurrently with Algebra II Honors; FCAT level 4-5 and math teacher recommendation

## ***MATH ASSISTANCE COURSE***

### **1200400 – Intensive Math (Grades 10-12)**

This course is designed for students who need additional assistance while enrolled in Algebra I and/or who have not successfully passed the Algebra I End of Course Exam or Math FCAT. It is taken in conjunction with the regularly scheduled math course and provides an elective credit. Intensive Math is taken in place of one elective and counts as an elective credit. Students are placed in this course concurrently with Algebra I and/or based on need as determined by FCAT math scores or Algebra I EOC.

1 year; 1 elective credit



## SCIENCE

### **\*Denotes weighted courses**

Florida requires a minimum of three science credits to graduate; however, to be considered for honors graduation status, 4 must be taken. It is also recommended that 4 years be completed prior to applying for college admissions. A \$20 consumable lab fee is appreciated.

## Biological Sciences

### **2000360 – Anatomy and Physiology Honors\***

The purpose of this course is to provide exploratory and advanced activities in the structures and functions of the components of the human body. The content will include anatomical terminology, cells and tissues, all the human body systems, homeostasis, disease process, immune response, inheritance, genetic disorders and several dissections. 1 year; 1 science credit; grades 11- 12; prerequisite: FCAT Reading level 3 and science teacher recommendation

### **2000340 – AICE Biology\***

A college-level, comprehensive study that includes the nature of science, biochemistry, cellular biology and energy, biotechnology, structure and function of organisms, evolution, and ecology; this course provides exploratory and laboratory opportunities. The AICE exam taken in May is not part of the student's high school grade but is a requirement in order to receive credit for the course.

1 year; 1 science credit; grades 11-12; prerequisite: Biology I Honors, Chemistry I Honors, FCAT reading level 3 and science teacher recommendation

### **2002515 – AICE Marine Science \***

A college-level, comprehensive course that concentrates on the scientific study of the sea and its ecosystems. The AICE exam taken in May is not part of the student's high school grade.

1 year; 1 science credit; grade 12; prerequisite: level 3 FCAT Reading and science teacher recommendation

## Physical Sciences

### **2001310 – Earth/Space Science**

The study of the weather, earth processes, environment, astronomy, and space exploration

1 year; 1 science credit; grades 10-12; prerequisite: science teacher recommendation

### **2001320 – Earth/Space Honors\***

An advanced approach to the study of weather, earth processes, environment, astronomy, and space exploration

1 year; 1 science credit; grades 10-12; prerequisite: FCAT Reading level 3, science teacher recommendation

### **2001380 AP Environmental Science\***

A college-level course focusing on the environmental problems facing our planet, as well as solutions; this course includes an AP exam at the end of the year and does not count as part of the student's high school grade.

1 year; 1 credit; grades 10-12; prerequisite: Biology I Honors, Chemistry I Honors, or taking Chemistry I Honors, FCAT Reading level 3, science teacher recommendation



### **2003340 – Chemistry I**

An introduction to chemistry with more of an emphasis on general concepts

1 year; 1 science credit; grades 10-12; prerequisite: Biology I, science teacher recommendation, grade of A/B in completed course of Algebra I

### **2003350 – Chemistry I Honors\***

A more in-depth introduction to chemistry with greater emphasis on mathematics, laboratory work focusing on measurement, experience in making solutions

1 year; 1 science credit; grades 10-12; prerequisite: FCAT Reading level 3, science teacher recommendation, grade of A/B in completed course of Algebra I Honors. Consideration will be given to those who wish to take this course concurrently with Algebra I Honors.

### **2003370 – AP Chemistry**

A college-level course studying the development and application of chemistry principles and concepts; this course includes an AP exam at the end of the year and does not count as part of the student's high school grade.

1 year; 1 science credit; grades 11- 12; prerequisite: Chemistry I Honors, FCAT Reading level 3, science teacher recommendation; grade of A/B in completed course of Algebra II Honors or taking concurrently

### **2003380 – Conceptual Physics (Physics I)**

Conceptual Physics engages students with analogies and imagery from real-world situations to build a strong conceptual understanding of physical principles ranging from classical mechanics to modern physics. With this strong conceptual foundation, students are better equipped to understand the equations and formulas of physics, and to make connections between the concepts of physics and their everyday world.

### **2003390 – Physics I Honors\***

An accelerated mathematical and laboratory analysis of motion, energy, momentum, heat and work

1 year; 1 science credit; grades 11-12; prerequisite: A/B in Algebra II Honors, science teacher recommendation

### **2003420 – AP Physics\***

A college-level course that provides an accelerated mathematical and laboratory analysis of sound, light, electricity, atomic structure, and nuclear reactions; this course includes an AP exam at the end of the year and does not count as part of the student's high school grade.

1 year; 1 science credit; grades 11-12; prerequisite: FCAT Reading level 3, science teacher recommendation, A/B in Physics I Honors

## **Social Studies**

### **\*Denotes weighted course**

Florida requires a minimum of 3 social studies credits to graduate (World History, American History, and American Government/Economics); however, to be considered for honors graduation status, 4 years must be taken and is favored by universities for admissions purposes. As with all courses, anything taken above and beyond the necessary requirements for graduation will count as elective credit.



**2103400 - AP Human Geography\***

A college-level course in which students are introduced to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of the Earth's surface; students in this course will take an Advanced Placement exam in May that is not part of the student's high school grade.

1 year; 1 elective credit; grades 9 -12; prerequisite: FCAT Reading level 3, SS teacher recommendation

**2109380 – AP European History\***

A college-level course that presents a historical, political and cultural survey of Europe; included is an AP exam at the end of the year that does not count as part of the student's high school grade.

1 year; 1 elective credit; grades 9 -12; prerequisite: FCAT Reading level 3, SS teacher recommendation

**2109310 – World History**

Enables students to understand their connections to the development of civilizations by examining the past to prepare for their future as participating members of a global community

1 year; 1 SS credit; grades 9 -12

**2109320 – World History Honors\***

An advanced course aiding students in their understanding of the development of civilizations by examining the past to prepare for their future as participating members of a global community

1 year; 1 SS credit; grades 9-12; prerequisite: FCAT Reading level 3, SS teacher recommendation

**2109420 – AP World History\***

A college level course that highlights the nature of changes in global frameworks and their causes and consequences, as well as comparisons among major societies; this course includes an AP exam at the end of the year that is not part of the student's high school grade

1 year; 1 SS credit; grades 10-12; prerequisite: FCAT Reading level 3, SS teacher recommendation

**2100310 – American History**

Provides students an understanding into the development of the US within the context of history with a major focus on the post-Reconstruction period

1 year; 1 SS credit; grades 10-12

**2100320 – American History Honors\***

An advanced course that provides students with an understanding into the development of the US within the context of history with a major focus on the post-Reconstruction period

1 year; 1 SS credit; grades 10-12; prerequisite: FCAT Reading level 3, SS teacher recommendation

**2100330 – AP American History\***

A college-level course that provides students an understanding into the development of the US within the context of history by examining the connections to the past to prepare for the future as participating members of a democratic society; this course includes an AP exam at the end of the year that is not part of the student's high school grade.

1 year; 1 SS credit; grades 11-12; prerequisite: FCAT Reading level 3, SS teacher recommendation

**2106310 – American Government**

Provides students an understanding of American Government and political behavior that is essential for effective citizenship and active involvement in a democratic society

½ year; ½ SS credit; grades 11-12



**2106320 – American Government Honors\***

An advanced course which provides students an understanding of American Government and political behavior that is essential for effective citizenship and active involvement in a democratic society

½ year; ½ SS credit; grades 11-12; prerequisite: FCAT Reading level 3, SS teacher recommendation

**2106420 – AP American Government\***

A college-level course that assists students in acquiring a critical perspective of politics and government in the United States; this course includes an AP exam at the end of the year that is not part of the student's high school grade. This course is recommended to be taken as a companion to AP Comparative Government.

½ year; ½ SS credit; grade 12; prerequisite: FCAT Reading level 3, SS teacher recommendation

**2102310 – Economics**

Provides students an understanding of how society organizes its limited resources to satisfy its wants; students will gain understanding of choices they must make as producers, consumers, investors, and taxpayers.

½ year; ½ SS credit; grades 11-12

**2102320 – Economics Honors\***

An advanced course which provides students an understanding of how society organizes its limited resources to satisfy its wants; students will gain understanding of choices they must make as producers, consumers, investors, and taxpayers.

½ year; ½ SS credit; grades 11-12; prerequisite: FCAT Reading level 3, SS teacher recommendation

**2102370 – AP Macroeconomics\***

This college-level course enables students to understand the choices they must make as producers, consumers, investors, and tax payers. This course includes an AP exam in May that does not count as part of the student's high school grade. This course is recommended to be taken as a companion with AP Microeconomics.

½ year; ½ SS credit; grade 12; prerequisite: FCAT Reading level 3, SS teacher recommendation

**2107300 – Psychology**

Students acquire an understanding of and an appreciation for human behavior, behavioral interaction, and the progressive development of individuals

½ year; ½ elective credit; grades 10-12

**2107350 – AP Psychology\***

A college-level course that introduces the systematic and scientific study of the behavior and mental processes of human beings and other animals; included is a consideration of the psychological facts, principles and phenomena associated with each of the major subfields within psychology; this course includes an AP exam at the end of the year that is not part of the high school grade.

1 year; 1 elective credit; grades 11-12; prerequisite: FCAT Reading level 3, SS teacher recommendation

**2108310 - AICE Sociology\***

In this college-level course, students develop knowledge and understanding of sociological concepts, theories, methods and research findings, as well as sociological principles, perspectives and applications. The AICE exam taken in May is not part of the student's high school grade but is a requirement in order to receive credit for the course.

1 year; 1 elective credit; grades 11-12; prerequisite: FCAT Reading level 3, SS teacher recommendation

## **Foreign Language**

### **\*Denotes weighted course**

*Foreign language courses receive 1 elective credit; though not required for graduation from NHS, Florida universities require 2 years of the same foreign language for college entrance.*

***Special Note: In the event there are not enough course requests to hold a certain level of a foreign language, students should plan to take an alternative language. Also, Florida universities recognize all languages below as foreign languages. When seeking admission to schools out of state, students are encouraged to confirm admission requirements regarding foreign languages that are accepted and the number of required years of participation.***

### **0701330 – French II**

1 year; 1 credit; grades 9-12; prerequisite: French I

### **0701810 – French II Honors\***

An honors level course that is provided to students with the ability to learn the French language at a faster pace; 1 year; 1 credit; grades 10-12; prerequisite: FCAT Reading level 3, French I Honors, teacher recommendation

### **0706300 – Latin I**

1 year; 1 credit; grades 9-12

### **0706382 – Pre-AICE Latin I\***

An honors level course that is provided to students with the ability to learn the Latin language at a faster pace; 1 year; 1 credit; grades 9-12; prerequisite: FCAT Reading level 3, teacher recommendation

### **0706310 – Latin II**

1 year; 1 credit; grades 9-12; prerequisite: Latin I

### **0706384 – Pre-AICE Latin II\***

An honors level course that is provided to students with the ability to learn the Latin language at a faster pace; 1 year; 1 credit; grades 9-12; prerequisite: Latin I Honors, FCAT Reading level 3, teacher recommendation

### **0706320 – Latin III\***

1 year; 1 credit; grades 10-12; prerequisite: Latin II Honors, teacher recommendation

### **0706330 – Latin IV\***

1 year; 1 credit; grades 11-12; prerequisite: Latin III, teacher recommendation

### **0706380 – AICE Latin\***

A College-level study of Latin language and literature; the purpose of this course is to enable students to enhance their proficiency in the foundation of Latin vocabulary and grammar and to expand their knowledge of classical culture. This course includes an AICE exam at the end of the year that is not part of the student's high school grade but is required to earn credit for the course.

1 year; 1 credit; grade 12; prerequisite: Latin III or Latin IV, teacher recommendation, parent approval

### **0708340 – Spanish I**

1 year; 1 credit; grades 9-12

**0708532 – Pre-AICE Spanish Language I\***

An honors level course that covers the first half of the International General Certificate of Secondary Education (IGCSE) Language (Spanish) syllabus written and administered by the University of Cambridge's International Examinations Program. The purpose of this course is to enable students to begin to acquire proficiency in Spanish through a linguistic, communicative and cultural approach to language learning. Emphasis is placed on the development of listening, speaking, reading and writing skills and on the acquisition of the fundamentals of applied grammar.

1 year; 1 credit; grades 9-12; prerequisite: FCAT Reading level 3, teacher recommendation

**0708350 – Spanish II**

1 year; 1 credit; grades 9-12; prerequisite: Spanish I

**0708534 - Pre-AICE Spanish Language II\***

This honors level language course is the second course in the University of Cambridge's International Examinations Program. The purpose of this course is to enable students to being to acquire proficiency in Spanish through a linguistic, communicative and cultural approach to language learning. Emphasis is placed on the development of listening, speaking, reading and writing skills and on the acquisition of the fundamentals of applied grammar.

1 year; 1 credit; grades 9-12; prerequisite: Spanish I Honors, FCAT Reading level 3, teacher recommendation

**0708360 – Spanish III\***

An honors level course that is provided to students with the ability to learn the Spanish language at a faster pace; this track allows students to progress to AP Spanish the following year.

1 year; 1 credit; grades 11-12; prerequisite: Spanish II Honors; teacher recommendation

**0708370 – Spanish IV\***

1 year; 1 credit; grades 11-12; prerequisite: Spanish III; teacher recommendation

**0708530 – AICE Spanish\***

A college-level study of Spanish language that develops students' ability to understand and communicate in speech and written language; students will be encouraged to read widely, use relevant vocabulary, correct grammar, spelling and punctuation. They will also develop the ability to analyze, synthesize, make inferences, and organize arguments and ideas logically. This course includes an AICE exam at the end of the year that is not part of the student's high school grade.

1 year; 1 credit; grade 12; prerequisite: Spanish III or Spanish III Honors, or Spanish IV, teacher recommendation, parent approval

**0717300 – American Sign Language I**

Enables students to develop basic skills in American Sign Language through linguistic, communicative, and cultural approaches

1 year; 1 credit; grades 9-12

**0717310 – American Sign Language II**

A continuation of basic skills in American Sign Language through linguistic, communicative, and cultural approaches

1 year; 1 credit; grades 9-12; prerequisite: ASL I



## ***ESE Course Offerings***

**Students selecting courses within this section must have an active Individualized Education Plan.**

### **7910110 – English 9-12**

The purpose of this course is to provide instruction in knowledge and skills of English to enable students with disabilities to function at their highest levels and prepare to participate effectively in post-school adult living and the world of work. 1 year; 1 credit; grades 9-12; prerequisite: ESE program eligibility; Special diploma only

### **7912070 – Access Liberal Arts Math**

Provides instruction in math concepts and procedures to enable students with disabilities who are functioning at independent levels to prepare to participate effectively in post-school adult living and in the world of work. 1 year; 1 credit; grades 9-12; prerequisite: ESE program eligibility; Special diploma only

### **7960010 – Life Management and Transition 9-12**

The purpose of this course is to enable students with disabilities to apply the knowledge and skills needed to design and implement personal plans for achieving their desired post-school outcomes. These plans will address transition areas such as personal and career planning, information about careers, diploma options and postsecondary education, community involvement and participation and use of leisure time.

1 year; 1 credit; grades 9-12; prerequisite: ESE program eligibility; Special diploma only

### **7963070 – Social and Personal Skills**

Provides instruction related to environmental, interpersonal, and task-related behavior of students with disabilities. The content should include, but not be limited to, the following: appropriate classroom behavior, social and personal development, and communication skills and behavioral control.

1 year; 1 credit; grades 9-12; prerequisite: ESE program eligibility

### **7963080 – Learning Strategies**

The purpose of this course is to provide instruction that enables students with disabilities to acquire and use strategies and skills to enhance their independence as learners in educational and community settings.

1 year; 1 credit; grades 9-12; prerequisite: ESE program eligibility

### **7963130 – Unique Skills**

Enables students with disabilities to acquire skills that are needed to achieve the maximum level of independent functioning. The course content will include living skills, social skills, learning skills and communication skills.

1 year; 1 credit; grades 9-12; prerequisite: ESE program eligibility; Special diploma only

### **7980130 – Career Placement**

Enables students with disabilities to use the career knowledge and skills necessary to identify career options, access community resources, and apply work-related behaviors. The course will provide placement in a job in the community to further progress toward achieving the student's desired post-school outcomes related to a career.

1 year; 1 credit; grades 9-12; prerequisite: ESE program eligibility; Special diploma only

# NHS 2011 – 2012 Elective Course Offerings

## ART

***The number of course requests for each elective determines whether a particular course will be offered. It is advised that students make a 2<sup>nd</sup> and 3<sup>rd</sup> selection at the time of registration in the event there are insufficient requests for their first choice.***

**All Art courses count as a Fine Art.**

\*A \$20 consumable art fee is greatly appreciated for each class taken to assist in purchasing supplies for student use.

### **0101310 – Art 2-D Comp I**

Enables students to communicate ideas and concepts through intermediate-level two-dimensional design and composition, and to develop appreciation of exemplars in varied cultures and historical periods

1 year; 1 credit; grades 9-12

### **0101330 – Art 3-D Comp I**

Enables students to develop fundamental skills necessary to communicate a range of ideas using knowledge of three-dimensional art and sculpture media, design, and processes

1 year; 1 credit; grades 9-12

### **0104320 – Drawing and Painting I**

Enables students to develop intermediate-level perceptual, observational, and compositional skills necessary to communicate a range of subject matter, symbols, ideas, and concepts

1 year; 1 credit; grades 10-12; prerequisite: Art 2-D Comp I, Art teacher recommendation

### **0108310 – Creative Digital Photography**

This course enables students to develop intermediate-level perceptual, observational, and compositional skills necessary to communicate a range of subject matter, symbols, ideas, and concepts.

½ year; ½ credit; grades 10-12; parent approval required

**Important Note:** Students are required to have their own digital camera and have access to the internet to email photographs to course instructor. In the event students have internet connectivity problems, assignments are to be submitted on a flash drive the same time assignment is due. This course will also require students to have photos printed for some assignments.

### **0100300 – AP Art History\***

A college-level course that introduces students to the appreciation of works of art, the intelligent examination of works of art, and to the major forms of artistic expression in Western art from prehistoric to the present; this course includes an AP exam at the end of the year that does not count as part of the high school grade.

1 year; 1 credit; grades 10-12; prerequisite: FCAT Reading level 3; SS and Art teacher recommendation

**0104300 - AP Art/Drawing Portfolio\***

A college-level course that assists students in developing quality, concentration, discipline, and breadth in drawing; this course is for the advanced student who wishes to seek credit through submitting a portfolio of work in May for consideration by the College Board.

1 year; 1 credit; grades 10-12; prerequisite: Drawing/Painting I, Art teacher recommendation based on portfolio eval.

**0109350 – AP Studio Art/2-D\***

This college-level course is intended to address a very broad interpretation of two-dimensional design issues. It is for the advanced student who wishes to seek credit through submitting a portfolio of work in May for consideration by the College Board.

1 year; 1 credit; grades 10-12; prerequisite: Drawing/Painting I, Digital Photography, Art teacher recommendation based on portfolio evaluation.

**0109360 – AP Studio Art/3-D\***

This college-level course is intended to address a very broad interpretation of sculptural issues in three-dimensional. It is for the advanced student who wishes to seek credit through submitting a portfolio of work for consideration by the College Board.

1 year; 1 credit; grades 10-12; prerequisite: Drawing/Painting I, 3-D Art, Art teacher recommendation based on portfolio evaluation.



**\*These courses will meet the Fine Arts requirement for graduation.**

**0400310/20/30/40 – Drama I, II, III, IV**

The purpose of these courses is to enable students to develop skills in the multiple elements of theatre as a collaborative art.

1 year; 1 credit; grades 9-12; prerequisite: Parent and instructor approval



**8405110 – Early Childhood Education I and 8503212/3/4 – Early Childhood Education II – IV (Levels II & III count as Fine Art)**

In these courses, students will identify principles of child development and age appropriate physical, intellectual, social, and emotional developmental activities. **Early Childhood III and IV** will be taken simultaneously and involve a component working in a practicum with children (levels III and IV count as two electives totaling two credits).

**Special Note:** Students in levels III and IV must provide their own transportation to their practicum site and are expected to adhere to the Okaloosa County School District Code of Conduct, NHS student expectations, and program expectations. Counts for Gold Seal Vocational Scholars Award

1 year; 1 credit each; grades 9-12; prerequisite: Early Childhood I is required before continuing to ECE II.

**8800510 –Commercial Foods and Culinary Operations I**

The purpose of this course is to prepare students for employment or advanced training in the food service and hospitality industry

1 year; 1 credit; grades 9-11; counts for Gold Seal Vocational Scholars Award

**8800520 – Commercial Foods and Culinary Operations II (Fine Art)**

The purpose of this course is to further prepare students for employment or advanced training in the food service and hospitality industry

1 year; 1 credit; grades 10-12; passing grade in Culinary Ops I, counts for Gold Seal Vocational Scholars Award

**8800530 – Commercial Foods and Culinary Operations III (Fine Art)**

In this course the student will research career opportunities in professional cooking/baking; follow guidelines on food selection, purchasing, and storage; and use communication skills. Students will prepare and present a variety of advanced food products; create centerpieces; and research laws specific to the hospitality industry (including handling of alcohol). Also covered are management skills; how to develop a business plan; and utilization of technology in the workplace. Students will be knowledgeable about food safety manager training/certification training programs that are acceptable in Florida.

1 year; 1 credit; grades 11-12; prerequisite: completion of Culinary II, counts for Gold Seal Vocational

**8502000 – Life Management Skills**

This course focuses on skills that enable the student to manage their life while learning effective communication techniques and decision making skills. Emphasis is placed on becoming healthier through nutrition, AIDS, and drug education. Students plan for the future with instructions in goal setting, individual finance, personal and family relationships and job readiness skills.

½ year; ½ elective credit



**Students taking these electives in grades 9-12 must have an active EP and the gifted teacher recommendation. The following gifted courses receive full weighting.**

**7965010N – Research Methods for Gifted Students\***

These courses are taught in modules that can vary from year to year. A major emphasis is placed on individual and group projects, strategic thinking, problem solving, creativity, research, presentations, and curriculum flexibility. Topics will enhance skills needed for critical thinking and information processing. All topics are designed to connect to the NaGISA (Natural Geography In Shore Areas) global biodiversity project and its international hands-on science research.

1 year; 1 credit; grades 9-11; prerequisite: Active EP, parent approval, gifted teacher recommendation

**7965030N – Externship for the Gifted Student\***

This course offers students an opportunity for supervised, individualized externships with professional or business persons in the community. Students develop practical, intellectual and career skills by spending time with an adult mentor.

1 year; 1 credit; grade 12; prerequisite: Active EP, parent approval, gifted teacher recommendation



## ***Journalism - Yearbook***

**\*Denotes weighted credit**

**1006331 – Y07 Journalism IV\* 10<sup>th</sup>**

**1006332 – Y07 Journalism V \* 11<sup>th</sup>**

**1006334 – Y07 Journalism VI\* 12<sup>th</sup>**

Students wishing to participate on the NHS Yearbook Staff should have prior experience or the recommendation of their English teacher. Good writing and organizational skills are required as is the ability to work independently and the ability to meet layout deadlines. This course may require additional hours of participation outside the school day.

**Special Note:** This elective is considered a course counted towards the Florida Class-Size Amendment. For that reason, upper classmen will have priority based on their previous enrollment and/or teacher recommendation. New students will be admitted based on space available and prerequisite completion.

1 year; 1 credit; prerequisite: FCAT Reading level 4 or higher, instructor approval (yearbook advisor or English teacher) and parent approval

## ***JROTC***

### **1800400 – Leadership Education I**

The purpose of this course is to acquire the understanding of the role of aerospace in society through an overview of the chronological development of aviation from ancient legends through modern times.

1 year; 1 credit; grades 10-11; prerequisite: Parent approval

### **1800410 – Leadership Education II**

The purpose of this course is to provide an investigative study of the theories and laws associated with the aerospace environment, the human requirements of flight and the principles of aircraft flight and navigation.

1 year; 1 credit; grades 10-12; prerequisite: Leadership I, JROTC recommendation, parent approval

### **1800320 – Aerospace Science III**

The purpose of this course is to discuss principles of propulsion systems, fundamentals of rocketry and its application to spacecraft, principles underlying space travel and various aspects of space exploration

1 year; 1 credit; grades 11-12; prerequisite: Leadership Education II, JROTC recommendation, parent approval

### **1800330 – Aerospace Science IV**

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

1 year; 1 credit; grade 12; prerequisite: Aerospace Science III, JROTC recommendation, parent approval

#### **Special Note:**

Completion of 2 years in Reserve Officer Training Corps (R.O.T.C.) classes, a significant component of which is drills, shall satisfy the .5 credit requirement in physical education and the one full credit requirement in performing arts. This credit may **not** be used to satisfy the personal fitness requirement or the requirement for adaptive physical education under an individual education plan (IEP) or 504 plan.

## **LEADERSHIP EDUCATION**

### **2400310 – Leadership Techniques**

This course will provide an in-depth study of the leadership techniques of decision making, problem solving, meeting skills, communication, group conflict reduction, time and stress management, evaluation, team building, group dynamics, motivational strategy, and the role of leadership in a democratic society. Some activities may occur outside the school day.

1 year; 1 credit; grade 10; prerequisite: Course instructor approval and parent approval

### **0500370 – Voluntary Public Service (1<sup>st</sup> semester)**

The purpose of this course is to develop an appreciation of the concept of service to the community and to develop skills necessary to evaluate the impact of service to others. Some activities may occur outside the school day.

½ semester; ½ credit; grade 11; prerequisite: Course instructor approval and parent approval

### **1700380 – Career Research and Decision Making (2<sup>nd</sup> semester)**

The purpose of this course is to develop an appreciation of the concept of service to the community and to develop skills necessary to evaluate the impact of service to others. Some activities may occur outside the school day.

½ semester; ½ credit; grade 11; prerequisite: Course instructor approval and parent approval

### **2104350 – Engaged Citizenship through Service Learning I (1<sup>st</sup> semester)**

This course provides opportunities for leadership in the areas of service-learning and civic responsibility. Academic, personal, and career skills needed for effective service-learning project implementation will be taught and applied through structured service projects that meet real school and/or community needs. Students will actively participate in meaningful service-learning experiences of at least 15 hours' duration.

½ semester; ½ elective credit; grade 12; prerequisite: Course instructor approval and parent approval

### **2104360 – Engaged Citizenship through Service-Learning II (2<sup>nd</sup> semester)**

This course provides applications and opportunities for leadership in the areas of service-learning, civic responsibility, and civic engagement. Academic, personal, and career skills needed for effective service-learning project implementation will be taught and applied through structured service projects that meet real school and/or community needs. Students will actively participate in meaningful service-learning experiences of at least 15 hours' duration.

½ semester; ½ elective credit; grade 12; prerequisite: Course instructor approval and parent approval

### **8909020/30/40 – Teacher's Assistant 2, 3, 4**

The purpose of this course is to prepare students for a career in education. As a teacher's assistant, the student is responsible for aiding the teacher in the classroom with needed tasks. Students are not allowed to grade papers and are not privy to other student information. This course includes a project at the end of the semester or year, depending on the amount of time the student is serving in this capacity. Students who wish to receive community service hours will not receive credit.

½ or 1 year; ½ or 1 credit; grades 10-12; prerequisite: Teacher's approval, parent approval



# MUSIC

**\*Band and Chorus levels V and VI only receive weighted credit.  
(All music courses count as a Fine Art)**

**1302310 – Band II** (All Band courses are 1 year; 1 credit)

**1302320 – Band III**

**1302330 – Band IV**

**1302340 – Band V\***

**1302350 – Band VI\***

**1305300 – Eurhythmics I** (All Eurhythmics courses are ½ year; ½ credit)

**1305310 – Eurhythmics II**

**1305320 – Eurhythmics III**

**1305330 – Eurhythmics IV**

**1302500 - Jazz Ensemble I** (All Jazz Ensemble courses are 1 year; 1 credit)

**1302510 - Jazz Ensemble II**

**1302520 - Jazz Ensemble III**

**1302530 - Jazz Ensemble IV**

All chorus courses are 1 year; 1 credit; prerequisite: parent and instructor approval

**1303300 - Chorus I (Grade 9)**

**1303310 - Chorus II (Grade 10)**

**1303320 - Chorus III (Grade 11)**

**1303330 - Chorus IV (Grade 12)**

**1303340 - Chorus V\* (Grade 11)**

**1303350 - Chorus VI\* (Grade 12)**

The purpose of these courses is to enable students to develop individual and ensemble skills in choral performance through preparation of varied high school literature.

**1303370 – Chorus H/L II (Grade 10)    1303380 – Chorus H/L III (Grade 11)    1303390 – Chorus H/L IV (Grade 12)**

The purpose of High/Low classes is to enable students to develop individual and ensemble skills in choral performance through preparation in varied high/low range high school literature. Special permission is required by the choral instructor to participate in any level of High/Low. **Special Note:** Music performance courses may require students to participate in extra rehearsals and performances beyond the school day. This consideration should be made prior to registering for these courses.

**1300330 – AP Music Theory\***

A college-level course that helps to develop a student's ability to recognize, understand and describe the basic materials and processes of music that are heard or presented in a score. Strong background in music is necessary for successful completion of this course. An AP exam is given at the end of this course and is not part of the student's high school grade.

1 year; 1 credit; grades 10-12; prerequisite: FCAT Reading level 3 or higher, parent approval



## PHYSICAL EDUCATION

**Special Note:** ½ credit in Personal Fitness AND ½ credit in a PE skills course are necessary to meet state graduation requirements.

NHS offers general PE and weight lifting to meet the required .5 PE skills credit portion for graduation. There are some activities that will meet the required .5 PE skills portion. Those activities are mentioned in the bulleted statements below. **PE skills courses may not be taken as dual enrollment at NWFSC.**

- 1 semester of marching band or eurhythmics (flags or majorettes and with grade of “C” or higher)
- 2 seasons of participation in an interscholastic sport (when participation class is offered as a class period during the 1-7 period day) will waive the ½ credit of PE ONLY.
- 2 years of ROTC (with a grade of “C” or higher) will provide 1 full PE credit but provides *NO* exemption from Personal Fitness. Personal Fitness is a state requirement that must be met by all students.

### **1501300 – Personal Fitness (required for graduation and NOT considered a PE skills course)**

The purpose of this course is to acquire knowledge of physical fitness concepts, understand the influence of lifestyle on health and fitness and to begin to develop an optimal level of fitness. Part of the semester is spent in the classroom and part outdoors.

1 semester; ½ credit

**Special Note:** A passing score of 70 on the State of Florida Personal Fitness exam (a written test) will waive the ½ credit of Personal Fitness for those students who participate in two full seasons of a JV or varsity sport. NHS offers this exam 2-3 times a year to juniors and seniors who meet this requirement.

**Each PE skills course below is ½ year; ½ credit (only ½ credit of a PE skills course is required for graduation)**

### **General PE**

This course will include but not be limited to aerobics, volleyball, castle ball, team handball, basketball, fitness, four square, badminton, flag football, softball, soccer, speed ball, team handball, outdoor volleyball, and bocce ball. During certain periods of the school year, due to weather considerations and/or availability of facilities, physical fitness activities will be held either inside or outside. For the purpose of scheduling, the following course titles will be used.

**1501390 – Comprehensive Fitness** (this course should be taken as the first chosen PE course)

**1502480 – Outdoor Education** (this course should be used as an additional PE choice if an additional PE skills course is desired; weight training may also be taken)

### **Weight Training**

**1501340 – Beginning Weight Training** (1<sup>st</sup> course)

**1501350 – Intermediate Weight Training** (2<sup>nd</sup> course)

**1501360 – Advanced Weight Training** (3<sup>rd</sup> course)

Prerequisite for beginning weights – parent approval; prerequisite for intermediate weights – parent approval and beginning weights; prerequisite for advanced weights – parent approval and intermediate weights

**Note:** Because of priority given to competitive interscholastic athletic teams during certain periods of the school day, the weight room may or may not be available for use by regular physical education classes. Every effort will be made to make the use of the weight room equitable to all students.

**3026020 – AICE Physical Education\***

A college-level, one-year, weighted course offered on the NHS campus through Cambridge University. In this course, students will study both theoretical and practical aspects of PE, learn about anatomy and physiology, movement skills, and contemporary studies in sports. The course will foster enjoyment in physical activity for the individual as it focuses on the performer. Students will use a variety of learning techniques and will be encouraged to try a wide range of activities made available through NHS. Students will complete a personal fitness action plan that encompasses 30% of the AICE exam grade. The AICE PE exam is given in November and is not part of the student’s high school grade but is required for to earn credit in the course. When successfully completed in full, this course will meet both the Personal Fitness and PE skills requirement for graduation.

1 year; 1 credit; prerequisite: Level 4 FCAT Reading is required



**Note: All speech/debate courses meet the graduation requirement for one credit of Fine Art**

**\*Denotes weighted course**

**1007330 – Speech and Debate I**

The purpose of this course is to enable students to develop fundamental skills in formal and informal oral communication.

1 year; 1 credit; grades 9-12; prerequisite: Parent approval

**1007340/50/60/70\*/80\* - Debate II-VI (only levels VII and VIII receive weighted credit)**

The purpose of these courses is to enable students to develop the ability to use skills and techniques in debate and forensic activities

1 year; 1 credit; grades 9-12; prerequisite: Parent and instructor approval for levels II-VI



## **WORK EXPERIENCES**

### **8303010 – DCT Principles (Diversified Cooperative Training)**

The purpose of this course is to provide classroom instruction to students in extensive work-based learning experiences related to competencies in a job-preparatory program.

*THIS IS A REQUIRED COURSE FOR STUDENTS SEEKING ADDITIONAL DCT CREDITS.*

1 year; 1 credit; grades 11-12; prerequisite: Program teacher recommendation

### **8300410 – DCT/On-the-job training (OJT) – 1 period (course number applies to 1<sup>st</sup> year DCT students only)**

The purpose of this course is to provide students with additional competencies or more extensive work-based learning experiences related to competencies in a job preparatory program.

1 year; 1 credit; grades 11-12; prerequisite: 5 hours work/week, Program teacher recommendation, 7<sup>th</sup> period

### **8300410A - DCT/On-the-job training (OJT) – 2 periods (course number applies to 1<sup>st</sup> year DCT students only)**

The purpose of this course is to provide students with additional competencies or more extensive work-based learning experiences related to competencies in a job preparatory program.

1 year; 2 credits; grades 11-12; prerequisite: 10 hours work/week, Program teacher recommendation, 6<sup>th</sup> and 7<sup>th</sup> periods

### **8300410B - DCT/On-the-job training (OJT) – 3 periods (course number applies to 1<sup>st</sup> year DCT students only)**

The purpose of this course is to provide students with additional competencies or more extensive work-based learning experiences related to competencies in a job preparatory program.

1 year; 3 credits; grades 11-12; prerequisite: 15 hours work/week, Program teacher recommendation, 5<sup>th</sup>, 6<sup>th</sup> and 7<sup>th</sup> periods

### **8300420 – DCT/On-the-job training (OJT) – 1 period (course number applies to 2nd year DCT students only)**

The purpose of this course is to provide students with additional competencies or more extensive work-based learning experiences related to competencies in a job preparatory program.

1 year; 1 credit; grade 12; prerequisite: 5 hours work/week, Program teacher recommendation, 7<sup>th</sup> period

### **8300420A - DCT/On-the-job training (OJT) – 2 periods (course number applies to 2nd year DCT students only)**

The purpose of this course is to provide students with additional competencies or more extensive work-based learning experiences related to competencies in a job preparatory program.

1 year; 2 credits; grade 12 ; prerequisite: 10 hours work/week, Program teacher recommendation, 6<sup>th</sup> and 7<sup>th</sup> periods

### **8300420B - DCT/On-the-job training (OJT) – 3 periods (course number applies to 2nd year DCT students only)**

The purpose of this course is to provide students with additional competencies or more extensive work-based learning experiences related to competencies in a job preparatory program.

1 year; 3 credits; grade 12; prerequisite: 15 hours work/week, Program teacher recommendation, 5<sup>th</sup>, 6<sup>th</sup> and 7<sup>th</sup> periods

### **0500300 – Executive Internship I**

This course offers students an opportunity for supervised, individualized internships with professional or business persons in the community. Students develop practical, intellectual and career skills by working with an adult mentor.

1 year; 1 credit; grades 11-12; prerequisite: parent approval



**0500310 – Executive Internship II**

This course offers students an opportunity for supervised, individualized internships with professional or business persons in the community. Students develop practical, intellectual and career skills by working with an adult mentor. 1 year; 1 credit; grade 12; prerequisite: parent approval and completion of Externship I



**2102410 – AICE Travel and Tourism I\* (1.0 weight)**

This college-level course encourages students to appreciate the scale and importance of the travel and tourism industry in the world and recognize the positive and negative impacts the industry may have on people, environments, and economies. This course includes the AICE exam which is not part of the student’s high school grade but is required in order to earn credit for the course.

1 year; 1 elective credit; grades 11-12; prerequisite: Level 3 FCAT and parent approval

**2200300 – Study Hall (1<sup>st</sup> semester) or 2200310 (2<sup>nd</sup> semester)**

This is a non-credit bearing period that is used for school preparation and studies.

½ semester; no credit; grades 9-12; prerequisite: Parent approval

**1900310A – Drivers Education (Semester 1; school start date usually beginning of August)**

**1900310B – Drivers Education (Semester 2; semester 2 start date usually around January 4)**

½ year; ½ elective credit

**IMPORTANT NOTE: Students registering for this course must be 15 prior to the first day of class or turn 15 within the first 2 weeks of the semester for which they are registering. Enrollment in requested semester cannot be guaranteed.**

**NOCL001 – No Class 1<sup>st</sup> Period or NOCL007 – 7<sup>th</sup> period (See No-Class Policy on page 12 for details)**



## SPORTS - COMPETITIVE

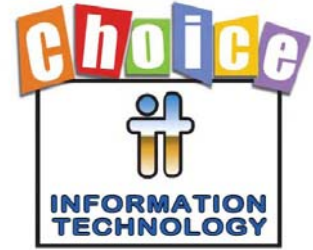


### COMPETITIVE ATHLETIC TEAM SPORTS

**SPECIAL NOTE:** All students interested in participating as a member of a competitive sport **MUST** obtain the assigned coach and/or Athletic Director's recommendation prior to registering for the following course. All courses are year- long unless noted. **Seniors are reminded to select a course at the time of registration for 2<sup>nd</sup> semester after their sport is over.**

<i>COURSE TITLE</i>	<i>10<sup>th</sup></i> 1 <sup>st</sup> sem: 1502430 2 <sup>nd</sup> sem: 1501410	<i>11<sup>th</sup></i> 1 <sup>st</sup> sem: 1502310 2 <sup>nd</sup> sem: 1502320	<i>12<sup>th</sup></i> 1 <sup>st</sup> sem: 1502470 2 <sup>nd</sup> sem: 1503300	<i>RECOMMENDED PRE REQUISITE</i>
BOYS BASEBALL	711 Tryouts required	711	711	Coach and/or Athletic Director Recommendation
BOYS BASKETBALL	221 Tryouts required	221	221	Coach and/or Athletic Director Recommendation
FOOTBALL	301	501	501	Coach and/or Athletic Director Recommendation
BOYS SOCCER	701 Tryouts required	701	701	Coach and/or Athletic Director Recommendation
WRESTLING	211	211	211	Coach and/or Athletic Director Recommendation
COED SWIMMING (1 <sup>st</sup> Sem)	102	102	102	Coach and/or Athletic Director Recommendation
COED CHEERLEADING	702 Tryouts required	702	702	Coach and/or Athletic Director Recommendation
GIRLS BASKETBALL	402 Tryouts required	402	402	Coach and/or Athletic Director Recommendation
GIRLS SOCCER	732 Tryouts required	732	732	Coach and/or Athletic Director Recommendation
GIRLS SOFTBALL	712 Tryouts required	712	712	Coach and/or Athletic Director Recommendation
GIRLS VOLLEYBALL	722 Tryouts required	722	722	Coach and/or Athletic Director Recommendation

## INFORMATION TECHNOLOGY INSTITUTE @ Niceville High School



Every day innovations in technology change our world. Computers and the Internet are revolutionizing every aspect of our lives. From autonomous robot cars to cloud application servers, we are using technology to improve the way we live. At the IT institute, students learn how to implement the newest technologies while using industry standard equipment and applications. The IT Academies—Adobe Digital Media, Cisco Networking, Adobe Web Design, Microsoft Programming, Microsoft Desktop Support, and Apple Professional Applications—are all aimed at the various career opportunities in today’s high-skill, high-wage market. The credits required for these academies vary from three to seven and choices include 14 weighted courses. Students entering ITI will be prepared for any number of the 25 national certification tests that will allow them to enter directly into the job market or continue training at a community college or university with a Gold Seal Scholarship earned from their three IT elective credits.

### Information Technology Institute @ Niceville High School

**NOTE:** Three consecutive courses in an academy are required for Gold Seal Scholarship (Florida Bright Futures) eligibility with Intro to IT counting as the first course.

\* 4.5 weighted course \*\* 5.0 weighted course

#### INFORMATION TECHNOLOGY INSTITUTE – *Introductory Courses*

<u>COURSE NAME</u>	<u>COURSE NUMBER</u>	<u>CREDIT</u>	<u>GRADE</u>	<u>PREREQUISITE</u>
INTRO TO IT (Fine Art)	8207310	1.0	9,10,11,12	Parent Approval

#### **ACADEMY OF CISCO NETWORKING—GOLD SEAL SCHOLARSHIP PROGRAM**

ETHICAL HACKING I/NETWORKING I—Cisco IT Essentials I & II	8207020	*1.0	10,11,12	INTRO TO IT or display competent computer skills, Parent Approval
ETHICAL HACKING II/NETWORKING II—Cisco CCNA I & II	8207030	*1.0	10,11,12	NETWORKING I
ETHICAL HACKING III/NETWORKING III—Cisco - CCNA III & IV	8207040	**1.0	11,12	NETWORKING II, IT Teacher Recommendation
ETHICAL HACKING IV/NETWORKING IV—Microsoft	8207050	**1.0	11,12	NETWORKING III, IT Teacher Recommendation
ETHICAL HACKING V/NETWORKING V—Microsoft	8207060	**1.0	12	NETWORKING IV, IT Teacher Recommendation

**ACADEMY OF ADOBE/DIGITAL MEDIA—GOLD SEAL SCHOLARSHIP PROGRAM**

DIGITAL MEDIA 1: Photoshop Basics and Digital Photography—Adobe (Fine Art)	8207410	1.0	10,11,12	Parent Approval
DIGITAL VIDEO & SOUND FUNDAMENTALS— Fine Art)	8207420	1.0	10,11,12	Parent Approval
WEB DESIGN-Adobe (Fine Art)	8207110	1.0	10,11,12	DIGITAL VIDEO & SOUND FUNDAMENTALS

**ACADEMY OF ADOBE WEB DESIGN—GOLD SEAL SCHOLARSHIP PROGRAM**

WEB DESIGN I—Adobe (Fine Art)	8207110	1.0	9,10,11,12	INTRO TO IT or display competent computer skills, Parent Approval
WEB DESIGN II—Adobe (Fine Art)	8207120	**1.0	9,10,11,12	WEB DESIGN I, IT Teacher Recommendation
WEB DESIGN III—Adobe (Fine Art)	8207130	**1.0	10,11,12	WEB DESIGN II, IT Teacher Recommendation
WEB DESIGN IV—Adobe (Fine Art)	8207140	*1.0	11, 12	WEB DESIGN III, IT Teacher Recommendation
WEB DESIGN V—Adobe (Fine Art)	8207150	*1.0	12	WEB DESIGN IV, IT Teacher Recommendation

**ACADEMY OF MICROSOFT CERTIFIED DESKTOP TECHNICIANS—GOLD SEAL SCHOLARSHIP PROGRAM**

PC SUPPORT I—Microsoft Cisco IT Essentials I & II	8207210	1.0	9,10,11,12	INTRO TO IT or display competent computer skills, Parent Approval
PC SUPPORT II—Microsoft MCDST I & II	8207220	1.0	10,11,12	PC SUPPORT I, IT Teacher Recommendation
PC SUPPORT III—Microsoft Windows XP/Windows Server	8207230	1.0	11,12	PC SUPPORT II, IT Teacher Recommendation

**ACADEMY OF MICROSOFT SOFTWARE DEVELOPMENT—GOLD SEAL SCHOLARSHIP PROGRAM**

PROGRAMMING I—Microsoft	8206010	1.0	9,10,11,12	INTRO TO IT or display competent computer skills, Alg. 1, and/or IT Teacher Recommendation
PROGRAMMING II/AP CS—Microsoft	8206020	**1.0	10,11,12	PROGRAMMING I
PROGRAMMING III—Microsoft	8206030	**1.0	11,12	PROGRAMMING II
PROGRAMMING IV—Microsoft	8206040	**1.0	11, 12	PROGRAMMING III

**TELEVISION PRODUCTION TECHNOLOGY—GOLD SEAL SCHOLARSHIP PROGRAM**

DIGITAL CINEMA 1—Apple (Fine Art)	8772110	1.0	9,10,11,12	Parent Approval
DIGITAL CINEMA 2—Apple (Fine Art)	8772120	1.0	10,11,12	DIGITAL CINEMA 1
DIGITAL CINEMA 3—Apple (Fine Art)	8772130	1.0	11,12	DIGITAL CINEMA 2
DIGITAL CINEMA 4—Apple (Fine Art)	8772140	1.0	12	DIGITAL CINEMA 3

**ADDITIONAL OFFERINGS**

DIGITAL MEDIA 2: Advanced Photoshop & Digital Photography Techniques—Adobe	8209510	1.0	10,11,12	DIGITAL MEDIA 1-Teacher Signature required
ORACLE-Database Fundamentals	8206410	.5	11,12	INTRO TO IT or display competent computer skills
ORACLE-Data Control and Functions	8206410	*.5	11,12	ORACLE-Database Fundamentals
BUSINESS DIRECTED STUDY	8200100	*1.0	12	Teacher Signature for course of study desired
ROBOTICS/APPLIED TECHNOLOGY	8601900	1.0	9,10,11,12	

Students who wish to skip the Intro to Information Technology course may take a technology examination that covers material that is usually taught in the Intro to IT course. Questions test knowledge, terminology, and basic concepts about information systems as well as the application of that knowledge. The examination emphasizes the details of hardware and software. General knowledge of applications such as Word, Excel and PowerPoint are required knowledge as well as proficient keyboarding skills. If the student successfully passes the examination, they may choose to enter the IT class of their choice. Please contact April Branscome at NHS for more information.

**INFORMATION TECHNOLOGY INSTITUTE COURSE DESCRIPTIONS**

**Course Title:** Introduction to Information Technology  
**Course Number:** 8207310  
**Course Credit:** 1.0 (Fine Art)  
**Prerequisite:** None



**COURSE DESCRIPTION:** This course is designed to provide an introduction to information technology concepts and careers. Emphasis is placed on developing proficiency with the fundamental computer applications of keyboarding and word processing so they may be used as communication tools for enhancing personal and workplace proficiency in an information based society. Students will be introduced to the Microsoft Office Suite 2007, e-mail and Internet services, computing fundamentals, and will have practical experience with Word, Excel, Outlook, Access, PowerPoint, and Vista. Curriculum is taught to prepare for national industry certifications of IC<sup>3</sup> and MOS certifications in Word, PowerPoint, and Excel.

**Course Title:** Business Computer Programming 1/Microsoft  
**Course Number:** 8206010  
**Course Credit:** 1.0  
**Prerequisite:** Alg.1, Intro to IT or display competent computer skills



**COURSE DESCRIPTION:** Introduces students to computer programming. Using robotics, course will reinforce problem solving skills using logic flow, iteration, and algorithm development and testing. Students will transition to using Visual Basic programming language to develop Windows applications and learn Microsoft's .NET development environment.

**Course Title:** Business Computer Programming 2/Microsoft  
**Course Number:** 8206020  
**Course Credit:** 1.0 (Weighted) \*\*  
**Prerequisite:** Business Computer Programming 1



**COURSE DESCRIPTION:** Continued use of robotics to reinforce programming techniques. Transition to C# (C sharp) language and greater in-depth study of .NET design structures for developing Windows applications. Students will develop, implement, and test a Windows based game of their own design. Students will also prepare for the MCTS exam, "Windows Based Client Development", the first step in becoming a Microsoft Certified Technology Specialist (MCTS).

**Course Title:** Business Computer Programming 3/Microsoft  
**Course Number:** 8206030  
**Course Credit:** 1.0 (Weighted) \*\*  
**Prerequisite:** Business Computer Programming 2



**COURSE DESCRIPTION:** Continued study of C# and .NET. Specifically focus on developing Windows-based applications and building datasets from database management systems. Students will be introduced to Project Management concepts. Students will also prepare for second exam for MCTS certification, "Application Development Foundation".

**Course Title:** Business Computer Programming 4/Microsoft  
**Course Number:** 8206040  
**Course Credit:** 1.0 (Weighted) \*\*  
**Prerequisite:** Business Computer Programming 3



**COURSE DESCRIPTION:** Last year will focus on project management: Students will be assigned to a team tasked with developing a Windows-based application within given time and manpower constraints. Team will be responsible for designing, developing, implementing, testing and documenting project solution. Students will use all skills learned from prior programming courses to ensure team's success. Students will also prepare for "Designing and Developing Windows Applications Using the Microsoft .NET" which upgrades their MCTS to a Microsoft Certified Professional Developer (MCPD).

**Course Title:** Digital Cinema 1  
**Course Number:** 8772110  
**Course Credit:** 1.0 (Fine Art)  
**Prerequisite:** None



**Authorized  
Training Center**  
Since 1977

**COURSE DESCRIPTION:** Learn to write, direct, shoot, and edit movies in this intensive yearlong course. Express your creativity through the art of cinema and perfect your technical skills in the digital age. Get certified in Final Cut Pro with an Apple Certified Instructor and prepare yourself for an amazing career in the multi-billion dollar entertainment industry.



**Course Title:** Digital Cinema 2  
**Course Number:** 8772120  
**Course Credit:** 1.0 (Fine Art)  
**Prerequisite:** Digital Cinema 1



**COURSE DESCRIPTION:** Take your filmmaking skills to the next level as you study motion graphics, compositing, and special effects. Learn to craft stories and develop your own personal style. Get certified in Motion Graphics and get hands on experience crafting visual stories from scratch.

**Course Title:** Digital Cinema 3  
**Course Number:** 8772130  
**Course Credit:** 1.0  
**Prerequisite:** Digital Cinema 2



**COURSE DESCRIPTION:** This course covers the Film Production Process in more detail through team based real world projects. Learn to develop and plan large productions from script to screen. In this class you will begin to focus on specific areas of expertise and, learn to master industry standard techniques and equipment used in that particular field.

**Course Title:** Digital Cinema 4  
**Course Number:** 8772110  
**Course Credit:** 1.0  
**Prerequisite:** Digital Cinema 3



**COURSE DESCRIPTION:** This course covers the mastery of the Film Production Process through the completion of a thesis project. Learn to create, distribute, promote, and network as you prepare yourself for an exciting career in the entertainment industry. The final project for this course will include an extensive portfolio of all your work.

**Course Title:** Digital Media 1: Photoshop Basics and Digital Photography/Adobe  
**Course Number:** 8207410  
**Course Credit:** 1.0 (Fine Art)  
**Prerequisite:** None



**COURSE DESCRIPTION:** Learn to enhance, manipulate, and transform your photographs using the world's leading software in graphic design, Adobe's Photoshop CS5. Discover the basics of photography all while earning an industry standard certification in this rewarding and creative field. Projects include: Designing your own CD, Movie Poster, the NHS Planner, Cereal box, creating a panorama, and many more!

**Course Title:** Digital Media 2: Advanced Photoshop and Digital Photography Techniques/Adobe\*  
**Course Number:** 8209510 (Weighted)  
**Course Credit:** 1.0  
**Prerequisite:** Digital Media 1/TEACHER APPROVAL



**COURSE DESCRIPTION:** Take your Photoshop skills to a whole new level! Learn advanced techniques such as 3D Repousee', Animating graphics, and tons of amazing tips and tricks used by the Pros. Get an introduction to Adobe's Illustrator & InDesign as you focus on the principles for graphic design. Projects include: Energy Drink, Magazine Cover, Action Shots, Painting with Light, and Building your Resume and Portfolio in print and online!

**NOTE:** This is not part of the New Media Gold Seal Scholarship. It is offered for those who want to go more in depth with Photoshop. STUDENT MUST HAVE NEW MEDIA TEACHER'S SIGNATURE TO ENROLL.



**Course Title:** Digital Video and Sound Fundamentals  
**Course Number:** 8207420  
**Credit:** 1.0 (Fine Art)  
**Prerequisite:** Digital Media 1



**DESCRIPTION:** Learn to write, direct, shoot, and edit movies in this intensive year-long course. Express your creativity through the art of cinema and perfect your technical skills in the digital age. Get certified in Final Cut Pro with an Apple Certified Instructor and prepare yourself for an amazing career in the multi-billion dollar entertainment industry.

**Course Title:** Ethical Hacking 1/Networking 1/Cisco  
**Course Number:** 8207020  
**Course Credit:** 1.0 (Weighted) \*  
**Prerequisite:** Intro to IT or display competent computer skills



**COURSE DESCRIPTION:** This course is the foundation of all the networking classes. Students are immersed into an interactive environment of hardware configuration, hardware and software troubleshooting, operating systems, and computer networking. They will be shown how to scan, test, and secure their own systems. The curriculum prepares students for CompTIA A+ and Server+ national industry certifications.

**Course Title:** Ethical Hacking 2/Networking 2/Cisco  
**Course Number:** 8207030  
**Course Credit:** 1.0 (Weighted) \*  
**Prerequisite:** Ethical Hacking 1/Networking 1/Cisco



**COURSE DESCRIPTION:** This course focuses on understanding network terminology and protocols, local-area networks, wide-area networks, OSI models, cabling, cabling tools, routers, router programming, Ethernet, IP addressing and network standards. The lab-intensive environment gives each student in-depth knowledge and practical experience with the current essential security systems. Students will begin by understanding how perimeter defenses work and then be led into scanning and attacking their own networks. The curriculum prepares students for the "Cisco Certified Network Associate Intro" national industry certification.

**Course Title:** Ethical Hacking 3/Networking 3/Cisco  
**Course Number:** 8207040  
**Course Credit:** 1.0 (Weighted) \*\*  
**Prerequisite:** Ethical Hacking 2/Networking 2/Cisco



**COURSE DESCRIPTION:** This course continues the study of ethical hacking and network support services. Students will further their knowledge in how intruders escalate privileges and what steps can be taken to secure a system. Students will also learn about intrusion detection, policy creation, social engineering, open source intelligence, incident handling, and log interpretation. The course also includes IT management skills, troubleshooting and diagnostic techniques; network design, devices, topographies, protocols and standards; e-mail and Internet activities, network traffic control and security, and WAN vs. LAN technologies. The curriculum prepares students for the "Cisco Certified Network Associate Interconnecting Cisco Networking Devices" certification. Completion of the Intro exam and this one earns the CCNA (Cisco Certified Network Associate).



**Course Title:** Ethical Hacking 4/Networking 4/Microsoft  
**Course Number:** 8207050  
**Course Credit:** 1.0 (Weighted) \*\*  
**Prerequisite:** Ethical Hacking 3/Networking 3/Cisco



**COURSE DESCRIPTION:** This course will immerse the student into an interactive environment where they will be shown how to scan, test, hack and secure their own systems. The lab intensive environment gives each student in-depth knowledge and practical experience with the current essential security systems. Students then learn how intruders escalate privileges and what steps can be taken to secure a system. This course continues the study of network support services. Students will learn to install, configure and maintain large networks. This curriculum prepares the student for the industry certifications of “Managing and Maintaining a Microsoft Windows Server Environment” and “Implementing, Managing, and Maintaining a Microsoft Windows Server Network Infrastructure”.

**Course Title:** Ethical Hacking 5/Networking 5/Microsoft  
**Course Number:** 8207060  
**Course Credit:** 1.0 (Weighted) \*\*  
**Prerequisite:** Ethical Hacking 4/Networking 4/Cisco



**COURSE DESCRIPTION:** This course will further immerse students in how to scan, test, hack and secure their own systems in an interactive environment. The lab intensive environment gives each participant in-depth knowledge and practical experience with the current essential security systems. They will also learn about Intrusion Detection, Policy Creation, Social Engineering, DDoS Attacks, Buffer Overflows and Virus Creation. This course continues the study of network support services. The content includes wireless networking technologies, implementation, management and security. This curriculum prepares you for certification in “Installing, Configuring, and Administering Microsoft Windows XP Professional” and “Implementing and administering Security in a Microsoft Windows Server Network”. Completion of the four exams in Networking 4 and 5 earns the title of Microsoft Certified System Administrator (MCSA).

**Course Title:** Oracle-Database Fundamentals  
**Course Number:** 8206410  
**Course Credit:** .5 (Weighted) \*  
**Prerequisite:** Intro to IT or display competent computer skills



**COURSE DESCRIPTION:** This data modeling course is designed to provide the foundation for future software engineers or database administrators. It transforms business requirements into an operational database utilizing a top-down systematic approach. Content includes creation of entity-relationship diagrams that accurately model an organization's needs and support the functions of a business, mapping of information needs into a relational database design, creation of physical relational database tables to implement database design, construction of a website that interacts with a database and generates report using web-based reports, and organization and composition of formal presentations, integrating multimedia software.

**Course Title:** Oracle-Data Control and Functions  
**Course Number:** 8206420  
**Course Credit:** .5 (Weighted) \*  
**Prerequisite:** Oracle-Database Fundamentals



**COURSE DESCRIPTION:** This course introduces data-server technology. Structured Query Language (SQL) is the standardized language that creates a medium for companies to compete in the building of databases or data management systems. Content of this course includes creation and maintenance of database objects and storage, retrieval and manipulation of data using SQL and Programming Language (PL) PL/SQL programming languages. At the completion of Database Fundamentals and Data Control and Functions, students will be able to create blocks of application code that can be shared by multiple forms, reports and data management applications and to sit for the first of two certification exams.

**Course Title:** PC Support 1/Cisco

**Course Number:** 8207210

**Course Credit:** 1.0

**Prerequisite:** Intro to IT or display competent computer skills

**COURSE DESCRIPTION:** This course is designed to develop entry-level skills for PC support services. Emphasis is placed on developing an understanding of various computer software applications and computer hardware. The curriculum prepares students for the Cisco Intro national industry certification.

**Microsoft®**

**Course Title:** PC Support 2/Microsoft

**Course Number:** 8207220

**Course Credit:** 1.0

**Prerequisite:** PC Support 1

**COURSE DESCRIPTION:** This course continues the development of basic entry-level skills for PC support services. The content includes software applications and operating systems, electronic communication via the Internet, and an introduction to computer networking. The curriculum prepares the student for Microsoft Certified Desktop Support I and II certification exams. Completion of these two industry certifications earns the Microsoft Certified Desktop Support Technician (MCDST) certification.

**Microsoft®**

**Course Title:** PC Support 3/Microsoft

**Course Number:** 8207230

**Course Credit:** 1.0

**Prerequisite:** PC Support 2

**COURSE DESCRIPTION:** This course continues the study of PC support services and is designed to develop advanced skills for employment. The content includes advanced software applications, the interrelationships among major components, hardware installation, and selection of electronic communications software and hardware. This curriculum prepares you for certification in "Installing, Configuring, and Administering Microsoft Windows XP Professional" and "Implementing and administering Security in a Microsoft Windows Server Network".

**Microsoft®**

**Course Title:** PC Support 4/Microsoft

**Course Number:** 8207240

**Course Credit:** 1.0

**Prerequisite:** PC Support 3

**COURSE DESCRIPTION:** This course continues the development of advanced skills for entry-level employment in PC support services positions. The content includes utilization of advanced software/system features and programs, integration techniques to enhance projects, network administration, components of Web pages, and preventative hardware maintenance. This curriculum prepares the student for the industry certifications of "Managing and Maintaining a Microsoft Windows Server Environment" and "Implementing, Managing, and Maintaining a Microsoft Windows Server Network Infrastructure". Completion of the four exams in PC Support 3 and 4 earns the title of Microsoft Certified System Administrator (MCSA).

**Microsoft®**



**Course Title:** Robotics/Applied Technology  
**Course Number:** 8601900  
**Course Credit:** 1.0  
**Prerequisite:** None

The purpose of this program is to provide students with a foundation of knowledge and technically oriented experiences in the study of the applications of engineering and its effect upon our lives and the choosing of an occupation. The content and activities will focus on the inclusion of technology and engineering concepts in creating robotic platforms (both autonomous and teleoperated modes) and include the study of problem solving, safety, and leadership skills. This program focuses on transferable skills and stresses understanding and demonstration of the technological tools, machines, instruments, materials, processes and systems in business and industry.

**Course Title:** Web Design 1-Adobe  
**Course Number:** 8207110  
**Course Credit:** 1.0 (Fine Art)  
**Prerequisite:** Intro to IT or display competent computer skills



**COURSE DESCRIPTION:** This Web design course is a basic course that teaches how to plan, organize, and create a Web site from start to finish while having fun doing it. Some of the things discussed in this course are: planning (what to do before you even start designing the page), site structure, page layout, the home page, presentation, printing, images, content, fonts, and much more. The combination of the hands-on learning and teacher instruction gives the student a well-rounded background in Web design.

**Course Title:** Web Design 2-Adobe  
**Course Number:** 8207120  
**Course Credit:** 1.0 (Weighted) (Fine Art) \*\*  
**Prerequisite:** Web Design 1



**COURSE DESCRIPTION:** Students focus on expanding their Web design in an ever-changing world of Web technologies where they explore several advanced features of the Adobe CS5 and build on their existing Dreamweaver skills. Individual and group projects are assigned, and frequently involve the creation of “real world” interactive Web sites. If students are considering Web design as a career choice or if looking to create their own Web site, this class will get them started.

**Course Title:** Web Design 3-Adobe  
**Course Number:** 8207130  
**Course Credit:** 1.0 (Weighted) (Fine Art) \*\*  
**Prerequisite:** Web Design 2



**COURSE DESCRIPTION:** This course is designed to build on already existing advanced Web skills. Curriculum includes Flash CS5, publishing to advance servers, basic database concepts, content management systems, JavaScript and numerous c-panel features (including installation and implementation of Joomla, Wordpress, and many other dynamic scripts). Students are lead on an adventurous buffet of Web tools that will make them highly competitive with other professional designers. Students learn the latest trends and scripts that are unique to Niceville IT in a course that is both enjoyable and challenging.



**Course Title:** Web Design 4-Adobe  
**Course Number:** 8207140  
**Course Credit:** 1.0 (Weighted) (Fine Art) \*  
**Prerequisite:** Web Design 3



**COURSE DESCRIPTION:** Students will focus on SEO certification (Search Engine Optimization) as well as Google AdWords, which is a program that offers pay-per-click advertising and site-targeted advertising for text, banner, and rich-media ads. These skills represent the most demanded in the Web design industry. Students will have the opportunity to focus on their area of expertise and will learn teaming skills.

**Course Title:** Web Design 5-Adobe  
**Course Number:** 8207140  
**Course Credit:** 1.0 (Weighted) (Fine Art) \*  
**Prerequisite:** Web Design 4



**COURSE DESCRIPTION:** This course focuses on capstone projects that draw on the skills previously acquired. Students are involved in real-world Web site development that encompasses all areas of Web technologies from the basics to the advanced levels. Community involvement is promoted through the Web development of local organization Web sites.



CHOICE AVIATION INSTITUTE EMBRY RIDDLE WORLDWIDE UNIVERSITY AT NICEVILLE HIGH SCHOOL		24 CREDIT 4 YEAR GRADUATION PLAN				FAA GROUND SCHOOL CERTIFICATION OR AUTOCAD CERTIFICATION	
		ENGLISH	MATH	SCIENCE	SOCIAL SCIENCE	OCSO COURSES ERAU WW COURSES	OTHER ELECTIVES
HIGH ENTERING HIGH SCHOOL IN 2011-2012							
	9th	English I Honors Eng I	Algebra I Algebra I Honors Geometry Geometry Honors Algebra II/Honors	Biology I Biology I Honors	World History World History Honors AP Human Geography AP European History (AP courses are optional)	Tech Studies I AutoCAD Cert (counts as Practical Art for graduation)	Student Choice (see elective requirements for high school graduation)
	10th	English II Honors Eng II	Algebra II Algebra II Honors Geometry Geometry Honors	Chemistry I Chemistry Honors Earth Space Earth Space Honors	American History Am. History Honors World History Honors AP World History	STEM Course Under Development with ERAU WW	Student Choice (see elective requirements for high school graduation)
	11th	English III Honors Ap Eng Lang Eng III	Algebra II Algebra II Honors Trig/Analy PreCalculus AP Stats	Earth Space Honors Physics I Physics I Honors AP Chemistry AP Environmental	American History (regular, honors, or AP) Am. Government & Economics (regular, honors, or AP)	Aerospace Tech II ERAU WW 2 Semester Courses	Student Choice (see elective requirements for high school graduation)
	12th	English IV Honors AP Eng Lit Eng IV	AP Stats AP Calculus Math Analysis	Earth Space Honors Physics I Honors AP Chemistry AP Physics	American Government & Economics (regular, honors, or AP) Social Studies Elective	Aerospace Tech III ERAU WW 2 Semester Courses	Student Choice (see elective requirements for high school graduation)
GRADUATION REQUIREMENTS	English 4 Credits Science 3 Credits Social Studies 3 Credits Math 4 Credits Fine/Practical Art 1 Credit Physical Education 1 Credit	Graduation Requirements for 9th Grade Year of Entry '11-12 Algebra I EOC Level 3 Geometry EOC 30% of Course Grade Biology EOC 30% of Course Grade Grade 10 FCAT 2.0/Reading Level 3			<u>Students in the Aviation Institute are strongly encouraged to take AT LEAST three AP, AICE, Dual Enrollment courses of their choice with math and science given priority</u>		
CREDIT	ARTICULATION AND CTE DUAL ENROLLMENT OPPORTUNITIES						
	Students may earn articulated college credit to: Embry Riddle Worldwide Aeronautical University University of West Florida (Participation in CHOICE) Northwest Florida State College (Jump Start Program)	Students may participate in any Dual Enrollment courses for any core subject offered as Dual Enrollment at either NWFSC or UWF.			Students are encouraged to check with prospective post secondary programs to ensure they are meeting the requirements for those programs.		

# CHOICE Aviation Institute

with Embry-Riddle Aeronautical University – Worldwide

**FREE**  
college courses

from the  
**#1** AVIATION AND  
AEROSPACE  
UNIVERSITY



This is the premier program of its kind that is being copied across the country! Okaloosa County School District has partnered with Embry-Riddle Aeronautical University – Worldwide to provide students with opportunities to earn free college credit and weighted high school credit.

These classes are taught by Embry-Riddle Worldwide adjunct professors at Choctawhatchee High School, Fort Walton Beach High School, Crestview High School and Niceville High School in state-of-the-art electronic classrooms. Upon high school graduation an official college transcript may be requested for use at a college or university of the student's choice.

**EMBRY-RIDDLE**  
Aeronautical University

WORLDWIDE



**THIS IS NOT COLLEGE PREPARATION:  
THESE ARE  
COLLEGE COURSES!**

With many universities preferring high school applicants with a college preparatory background, this is an extraordinary opportunity to demonstrate a clear ability to succeed in college at no cost to students or parents.

## EXCLUSIVE BENEFITS OF THE CHOICE AVIATION INSTITUTE

- Earn up to 24 college credits in high school
- Begin course work on your Associate of Science degree
- Weighted high school credit (5.0)
- 100% free college tuition and books
- Courses valued between \$875 - \$1,750
- Opportunities for college scholarships available to aviation seniors only
- Eligibility for Florida Gold Seal Vocational Scholarship
- Opportunities for summer jobs and internships
- Free flights during the school year

# CHOICE Aviation Institute

## Four Year Plan of Study

CHOICE AVIATION INSTITUTE AND EMBRY-RIDDLE WORLDWIDE		24 CREDIT 4 YEAR GRADUATION PLAN				FAA GROUND SCHOOL CERTIFICATION OR AUTOCAD CERTIFICATION	
		ENGLISH	MATH	SCIENCE	SOCIAL SCIENCE	OCSO COURSES ERAU-WW COURSES	ELECTIVES
ENTERING HIGH SCHOOL IN 2011-2012	9th Grade	Honors English I, English I	Algebra I, Algebra I Honors, Geometry Honors, Geometry	Honors Biology, Biology, AP Environmental Science	AP Human Geog (optional)	Tech Studies I, AutoCAD Certificate	Student Choice Physical Education
	10th Grade	Honors English II, English II	Algebra II Honors, Algebra II, Geometry, Geometry Honors	Honors Chemistry, Chemistry, Honors Physical Science	Honors World History, World History, AP World History	STEM for AVIATION (new course)	Student Choice Fine Art, Practical, Performing Art
	11th Grade	Honors English III, AP English Language, English III	Pre Calculus, Trig/Analy, AP Statistics, Algebra II Honors, Algebra II	Honors Physics, Physics, AP Chemistry	Honors American History, AP American History, American History	Aerospace Tech II, ERAU-WW (2) Semester Courses	Student Choice Foreign Language
	12th Grade	Honors English IV, AP English Literature, English IV	AP Statistics, AP Calculus, Dual Enrollment Math	AICE Physical Science, AP Physics, Dual Enrollment Math	Honors Gov't/Econ, Gov't/Econ, AP Gov't/Econ, Dual Enrollment	Aerospace Tech III, ERAU-WW (2) Semester Courses	Student Choice Foreign Language

### GRADUATION REQUIREMENTS

English . . . . . 4 Credits  
 Science . . . . . 3 Credits  
 Social Studies . . . . . 3 Credits  
 Math . . . . . 4 Credits  
 Fine/Practical Art . . . . . 1 Credit  
 Physical Education . . . . . 1 Credit

#### Graduation Requirements for 9th Grade Year of Entry '11-12

Algebra I EOC Level 3  
 Geometry EOC 30% of Course Grade  
 Biology EOC 30% of Course Grade  
 Grade 10 FCAT 2.0/Reading Level 3

- College Credit given in Junior and Senior Years only
- Courses offered are subject to change

Students in the Aviation Institute are strongly encouraged to take AT LEAST three AP, AICE, Dual Enrollment courses of their choice with math and science given priority.

### CREDIT

Students may earn articulated college credit to: Embry-Riddle Aeronautical University – Worldwide, University of West Florida (Participation in CHOICE), Northwest Florida State College (Jump Start Program).

Students may participate in any Dual Enrollment courses for any core subject offered as Dual Enrollment at either NWFSC or UWF.

Students are encouraged to check with prospective post secondary programs to ensure they are meeting the requirements for those programs.



For more information contact: Dr. Paul Henshall, Director, OCSO CHOICE Aviation Institute, 850-833-3614 ext. 626, HenshallP@mail.okaloosa.k12.fl.us

# CHOICE Aviation Institute

Begin Your Associate of Science Degree Here!



## Aviation Courses

The Okaloosa County School District has partnered with Embry-Riddle Aeronautical University - Worldwide to provide a world-class curriculum that combines high school introductory classes with university courses. Students are offered college courses, weighted high school credit, and opportunities to prepare and take the Federal Aviation Administration (FAA) ground school certification exam. Students are offered the opportunity to attend Aviation Institute Field Trips as scheduled.

- **Free college tuition: up to 24 college credits available in high school!**
- **Weighted high school credit (5.0)**
- **College scholarships reserved for aviation students**



[www.erau.edu/worldwide](http://www.erau.edu/worldwide)

**EMBRY-RIDDLE**  
Aeronautical University

WORLDWIDE

## Introductory Course

### Introduction to Aerospace and Engineering 8600510

(High school credit - freshman only)

This course provides students an introduction to the various career fields available in engineering and aerospace. Students will learn about the history of aerodynamics and the development of the airplane through extensive use of flight simulators and field trips to local aviation museums, military bases, and air shows. *1 year; 1 vocational elective credit; grade 9.*

*New course now available*  
Aviation STEM Course for 10th graders, which encompasses Science, Technology, Engineering and Math to prepare for ERAU-W college credit courses.



## Aviation Specialization Courses

### **History of Aviation in America & Life Support Systems 8600580 (ERAU-W HIST 130 & ASCI-220)**

(6 college credits)

The aviation history course provides a survey of the history of America in the 20th century, the course emphasizes the explosive growth of aviation as a major influence upon the economic, military, and societal development of the United States. The Life Support Systems course provides a survey, at the elementary physics level, of the requirements and design considerations for life support systems in space and on other planets. Included are an introduction to basic human physiology, a description of the space environment and a survey of historical life support systems, and a presentation of spacecraft limitations and requirements. *1 year; 1 weighted+ vocational\* elective credit; grades 11-12.*

### **Aeronautical Science for Management & Aviation Legislation 8600680 (ERAU-W AMGT-202 & ASCI-254)**

(6 college credits)

Aeronautical Science for Management is an introductory course in Aeronautical Science to provide students an orientation in aviation topics appropriate to management degree programs. Subjects include: the aviation profession; the science of flight; safety, security and human factors; aviation resources; the aviation environment; and meteorology. Aviation Legislation is a study of the evolution of federal civil aviation regulations in the United States. Students will examine the past and present problems prompting regulation of the industry, the resultant safety legislation, airport development funding legislation, and international aviation legislation. *1 year; 1 weighted+ vocational elective credit; grades 11-12.*

### **Introduction to Space Flight & Space Transportation Systems 8600610 (ERAU-W ASCI-110 & ASCI-210)**

(6 college credits)

Introduction to Space Flight is a survey of the major aspects of space flight. Topics covered include the history of space flight, space shuttle operations, and present and future commercial, industrial, and military applications in space. Space Transportation Systems is a survey course of the Space Transportation System (STS) at the introductory physics level. Included are manned space flight operations, supporting systems and the space shuttle mission, both present and future. A review of space shuttle flight profiles, guidance and navigation control, proximity operations, and rendezvous and a brief review of hypersonic orbiter aerodynamics are included. Also covered are future STS applications to space station logistical operations, commercial applications, and Department of Defense operations. *1 year; 1 weighted+ vocational elective credit; grades 11-12.*

### **Basic Ground School & General Aeronautics and Applications 8601780 (ERAU-W ASCI-185 & AMNT 240)**

(6 college credits)

Upon completion of the Basic Ground School course, the student will have been adequately prepared to know and understand the fundamental concepts of theories of basic flight (aerodynamics and aircraft performance), air navigation, weather reports and forecasts, and relevant Federal Aviation Regulations. The General Aeronautics and Applications Course is an introduction to general aeronautics. It includes the study of physical mathematics, weight and balance, FAA regulations, common and special tools and measuring devices, fluid lines, hardware, aircraft servicing, and documentation (Part 65). *1 year; 1 weighted+ vocational elective credit; grades 11-12.*

*Acceptance into the ERAU – Worldwide Aviation Institute is required for the 11th and 12th grade courses.*

**EMBRY-RIDDLE**  
Aeronautical University

WORLDWIDE



## Hospitality & Tourism Institute Academy of Culinary Arts

Description: The Academy of Culinary Arts allows students to investigate the many exciting career options within the food service industry. During this intensive two year program students will learn and practice in the fundamental skills involved in the selection and preparation of meats, poultry, seafood, fruits, vegetables, soups, sauces, desserts, bakery items and formal dining room service. Preparation skills are honed daily as the students operate their own on-site restaurant and catering business. Students successfully completing the program will have the opportunity to earn college credit from Johnson & Wales University, SafeStaff Employee Training, ServeSafe Managers Training and the nationally recognized ProStart industry certification issued by the National Restaurant Association. **\*Courses in bold print are offered on the NHS campus.**

Level	Course Numbers	Course Name	Credit	Certifications/ College Credit
Courses are typically scheduled in 3 period blocks –additional periods may be included in the block to meet the needs of each individual student.		(Years 2 & 3 will count toward the Fine Art requirement for graduation)		Successful completion of ProStart Program Leads to the National Restaurant Association Certification.
	8800510	<b>*Commercial Foods and Culinary Arts 1</b>	1	SafeStaff Employee training certification
	8800520	<b>*Commercial Foods and Culinary Arts 2</b>	1	ServeSafe Manager’s training certification
	8800530	<b>*Commercial Foods and Culinary Arts 3</b>	1	College credit issued by Johnson & Wales University for the following classes provided all requirements are met (16.5 total credits value \$11,000.00) or the student may sit for the Advance Standing exam (value \$33,000)
	8800540	Commercial Foods and Culinary Arts 4	1	
	8800550	Commercial Foods and Culinary Arts 5	1	CUL 1315 Stocks, Sauces, and Soups
	8800560	Commercial Foods and Culinary Arts 6	1	CUL 1325 Essentials of Dining Room
	8800570	Commercial Foods and Culinary Arts 7	1	CUL 1345 Introduction to Baking & Pastry
	8800580	Commercial Foods and Culinary Arts 8	1	CUL 1355 New World Cuisine
	8800590	Commercial Foods and Culinary Arts 9	1	CUL 1385 Fundamentals of Food Service Production
8800591	Commercial Foods and Culinary Arts 10	1	FSM 1060 Sanitation Management	

Due to the content and requirements of the Culinary Arts Academy, the three-period block will take place in the specially equipped state-of-the-art classrooms of the University of West Florida / Okaloosa District Schools Common Campus located at 1976 Lewis Turner Blvd., Fort Walton Beach, Florida, 32547.

If you have any questions regarding this program please contact Chef Dave Mason at: 833-3543 or by email at: [masond@mail.okaloosa.k12.fl.us](mailto:masond@mail.okaloosa.k12.fl.us). Transportation is provided from the student’s home school.



**NICEVILLE HIGH SCHOOL 10<sup>th</sup> – 12<sup>th</sup> COURSE SELECTIONS (SAMPLE-actual form slightly different)**

**DIRECTIONS:** Students will need to register for courses totaling 7 credits. Students should select the appropriate level (advanced, honors, regular, etc.) for the core area year-long courses in English, Math, Science, and Social Studies.

(\*Example: .5 semester course + 1 year-long course = 1.5 credits)

Subject Area	Course Name (Reminder that all 9 <sup>th</sup> graders level 2 reading and higher must take 1 honors course)	Course Number	Semester Course (.5 credit)	Year-Long Course (1.0 credit)
<b>ENGLISH</b>	English I Honors	1001320		1
<b>MATH</b>	Algebra I	1200310		1
<b>SOCIAL STUDIES</b>	AP European History	2109380		1
<b>SCIENCE</b>	Biology	2000310		1
<i>ELECTIVE</i>	Spanish I	0708340		1
<i>ELECTIVE</i>	Art 2-D	0101310		1
<i>ELECTIVE</i>	Drama	0400310		1
<i>*ELECTIVE to drop if make competitive event/team sport (see list of competitive sports)</i>	<b>Drop Spanish if I make cheerleading</b>			
<i>*Elective(1 year 2 semesters) to drop if Intensive Reading is required based on FCAT results reviewed during summer</i>	<b>Drop Drama if I have to take Intensive Reading</b>			
<i>*Elective(1 year or 2 semesters) to drop if Intensive Math is required based on end of year 8<sup>th</sup> grade math scores</i>	<b>Drop Art 2-D if I have to take Intensive Math</b>			
<i>*Next to the shaded boxes with asterisks above, students should list which elective to drop in the event they make a particular sport/activity that requires tryouts or auditions or if Intensive Reading or Math is required.</i>	<b>Subtotal</b>			7
	<b>TOTAL</b>	<b>7 CREDITS</b>		

**SPECIAL NOTE:** Students should contact the NHS Guidance Department, 833-4114 Ext. 1312 prior to June 15, 2011, or email [NHSScheduleChange@gmail.com](mailto:NHSScheduleChange@gmail.com) for any changes in course selections (email not in effect after June 15).

NHS cannot honor individual teacher requests due to class-size restrictions.  
No changes to scheduled course selections will be made after June 15, 2011.

### NHS 4-Year Course Planner

#### 9<sup>th</sup> Grade

#### 10<sup>th</sup> Grade

English		English	
Math		Math	
Science		Science	
Social Studies		Social Studies	
Elective	List at least 2 additional electives below in the event some become unavailable.	Elective	List at least 2 additional electives below in the event some become unavailable.
Elective		Elective	
Elective		Elective	

#### 11<sup>th</sup> Grade

#### 12<sup>th</sup> Grade

English		English	
Math		Math	
Science		Science	
Social Studies		Social Studies	
Elective	List at least 2 additional electives below in the event some become unavailable.	Elective	List at least 2 additional electives below in the event some become unavailable.
Elective		Elective	
Elective		Elective	



## ***Parent/Student Acknowledgment of Information Received***

We have read the information on pages 5-6 of the *10<sup>th</sup> - 12th Grade Curriculum Guide* regarding the requirements for Florida Bright Futures and on page 10 regarding the requirements for Honors Graduation.

By signing this form, we acknowledge that we understand what courses are necessary to take in order to be considered as an honors graduate and to be eligible for Bright Futures.

**Parent signature** \_\_\_\_\_

**Student signature** \_\_\_\_\_

**Date** \_\_\_\_\_

(Students, please print this form and returned signed to your SOAR teacher.)





*Niceville High School  
800 John Sims Parkway  
Niceville, FL 32578  
850-833-4114  
Fax 850-833-4267*

*[www.NicevilleHighSchool.org](http://www.NicevilleHighSchool.org)*