

High School Registration Guide 2021-2022



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High School Contact Information

Traditional Schools	
Lake Norman High School	704-799-8555
North Iredell High School	704-876-4191
Counseling Office	704-876-1785
South Iredell High School	704-528-4536
Counseling Office	704-528-6697
Statesville High School	704-873-3491
Counseling Office	704-872-2286
West Iredell High School	704-873-2181
Counseling Office	704-873-2139
Non-traditional Schools	
Pressly School	704-872-7606
CCTL (<i>Collaborative College for Technology and Leadership</i>)	704-978-5450
Counseling Office	704-978-5448
Crossroads Arts and Science Early College	704-978-0034
Agriculture and Science Early College	704-876-4056
Mount Mourne, an IBO World School	704-892-4711
Northview, an IBO World School	704-873-7354
CATS (Career Academy and Technical School)	704-978-2791
NCVPS Contact Information	704-978-5450

The Iredell-Statesville School System does not discriminate on the basis of sex, race, creed, national origin, handicapping conditions, or family circumstance.

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The Iredell-Statesville Schools will rigorously challenge all students to achieve their academic potential and to lead productive and rewarding lives. We will achieve this mission with the support of parents, staff and the community. The school district encourages all students and parents/guardians to select the strongest possible academic courses. School staff will help students set up schedules. The school district encourages early completion (within three years) of graduation requirements for college entry, where feasible or appropriate for the student. During registration, parents/guardians have the right to question or to challenge any placement of their student in any class. The I-SS does not discriminate in class enrollment on the basis of sex, race, creed, national origin, handicapping condition, or family circumstance.

IREDELL-STATESVILLE SCHOOLS

HIGH SCHOOL REGISTRATION GUIDE

2021-2022

Introduction

During the next several years, students are responsible for making significant decisions about their future. One of these decisions will be to select a high school course of study. Information contained in the Registration Guide is designed to assist students in selecting courses, which will be both relevant and rigorous. Students should consider carefully the variety and content of course offerings and select those that will coincide with their future plans, interests, and abilities.

To be competitive, a high school diploma is a minimum requirement. This guide will serve as your personal road map to challenge yourself, to achieve your academic potential, and to lead a productive and rewarding life. The following information pertains to all students who are enrolling in Iredell-Statesville Schools, unless otherwise noted.

High School Schedule

Iredell-Statesville high schools operate on a school calendar that meets the North Carolina State Board of Education requirements, based on the Public School Laws of North Carolina. The high schools operate on a 4 X 4 Block but some classes are offered Year-Long. Students complete four courses in the fall term and four courses in the spring term, for a total of eight (8) credits per year. The typical daily schedule includes four 90-minute classes. Additional periods may also be offered prior to the regular school day or after the regular school day, depending on the specific needs of students and the requests for course offerings.

High School Promotion Standards

10th Grade	11th Grade	12th Grade
6 credits	12 credits	20 credits

Graduation Requirements

The Iredell-Statesville School System requires 28 units of credit for graduation (or 4 units less than the total number of courses available to take in four years)

- Specific requirements are dependent on the year the student enrolls as a ninth grader.
- Successful completion of graduation activities required by school or district

Local Policy #3420:

Credit by Demonstrated Mastery - Beginning with the 2014-15 school year, the superintendent shall provide opportunities for students in grades 9 through 12 to earn course credit by demonstrating mastery of course material without first completing the regular period of classroom instruction in the course. Students in grades 6 through 8 may earn credit by demonstrated mastery for high school courses offered in middle school. To earn credit by demonstrated mastery, students must demonstrate a deep understanding of the content standards and application of knowledge through a multi-phase assessment, in accordance with standards established by the State Board of Education and any additional standards established by the superintendent.

Repeating a Course for Credit

1. Repeating a Previously Failed Course

As provided in State Board of Education policy GCS-M-001, high school students who fail a course for credit may repeat that course. To take advantage of this option, the student must repeat the entire course.¹³ Beginning with the 2015-16 school year, when a student initially fails a high school course and successfully repeats the course for credit, the new course grade will replace the original failing grade for the course on the student's transcript and in calculations of the student's GPA, class rank, and honor roll eligibility. The superintendent may develop procedures for students to indicate their intent to repeat a course for credit under this paragraph and may establish any other rules as necessary and consistent with State Board policy.¹⁴

2. Repeating a Course for which Credit was Earned (Grade Replacement) ¹⁵

The board recognizes that high school students may need to repeat a course for which they have earned credit in order to increase their understanding of the course content, to improve skill mastery, or to meet postsecondary goals. Students may repeat a course for which they have previously earned credit, subject to the following preconditions and any other reasonable rules established by the superintendent: ¹⁶

- a. the student must have earned a letter grade of C or lower in the course on the first attempt;
- b. the student must make a written request to repeat the course;
- c. the principal or designee must approve the request;
- d. there must be space available after seats have been assigned to students who are taking the course for the first time or repeating a previously failed course;
- e. the course to be repeated must be a duplicate of the original class and must be taken during the regular school day at a high school in this school system or through the North Carolina Virtual Public School;
- f. upon completion of the repeated course, the new course grade will replace the student's original grade on the student's transcript and in calculations of the student's GPA, class rank, and honor roll eligibility, regardless of whether the later grade is higher or lower than the student's original mark;
- g. credit towards graduation for the same course will be given only once;
- h. a course may be repeated only one time; and
- i. students may repeat a maximum of four previously passed courses during their high school careers.

The superintendent shall require notice to students and parents of these preconditions and of any other relevant information deemed advisable by the superintendent.

¹² See State Board of Education policy GCS-M-001 which governs repeating a course for credit for students who have failed a course (addressed in subsection H.1 of this policy) and allows local boards to develop policies that define specific circumstances when students other than those who fail a course may repeat a course for credit (addressed in subsection H.2 of this policy).

¹³ SBE policy GCS-M-001 requires this. This requirement distinguishes "repeating a course for credit" from "credit recovery," another option for earning credit for a previously failed course, in which the student repeats only certain blocks of instruction that target specific components of the course necessary for successful completion. Unlike repeating a course for credit, when a student opts for credit recovery, his or her transcript will continue to reflect the original record of the course being completed and failed.

¹⁴ This section could also address the EOC test. In certain circumstances, students may use a previous score on the EOC in lieu of taking the exam again at the end of the repeated course. See State Board policy GCS-M-001.

¹⁵ This section is optional. The board is not required to allow students to repeat courses that they have previously passed.

¹⁶ Except for item g, these conditions are optional and may be supplemented, omitted, or modified.

Credit Recovery

Students who fail a course may be given the opportunity to earn credit through an online Credit Recovery (CR) Course. Students must meet qualifying scores (course grade between 50-59) in the failed course. Students completing CR for a failed course will earn a grade of P (pass).

College-bound athletes are discouraged from considering this option, as courses that earn the grade of P (pass), will not factor into the GPA and may not meet NCAA eligibility policies. Students and parents interested in this option should have a discussion with the student's School Counselor.

Students enrolled in CR must take a pre-assessment to determine units required for completion. Students must complete these online units with a passing grade of 60 or above and pass the post assessment with a 60 or above. Students enrolled in credit recovery for courses that require an EOC and have already taken the EOC have the option of retaking the EOC for the exam grade.

Future-Ready High School Core Curriculum

The Future-Ready Course of Study requires students to take the following 22 units of credit: (Additional local requirements may also be necessary to receive a diploma. 28 Credits required for I-SS)

Graduation Requirements	
4 English Units	4 Credits: I, II, III, IV
4 Mathematics Units	4 Credits: Math 1, Math 2, Math 3 4 th Math Course to be aligned with the student's post-high school plans
4 Social Studies Units	4 Credits: 1. A Founding principles course either Civics and Economics or Civic Literacy 2. An American history course either American History I, American History II or American History 3. World History 4. Economics and Personal Finance
3 Science Units	3 Credits: Biology, Earth/Environmental Science A Physical Science course
1 Health and Physical Education Unit	1 Credit required
World Languages	Not required for graduation. Required to meet minimum application requirements for the North Carolina University System.
Electives and other requirements	6 Credits required 2 Elective credits of any combination from either: <ul style="list-style-type: none">· Career and Technical Education (CTE)· Arts Education· World Languages 4 Elective credits required (four course concentration recommended) from one of the following: <ul style="list-style-type: none">· Career and Technical Education (CTE)· Arts Education (e.g. dance, music, theater arts, visual arts)· World Languages· JROTC Any other subject area (e.g. Mathematics, Science, Social Studies, or English)

The Occupational Course of Study will continue to be available for those students with disabilities who are specifically identified for this program. There are no changes to the Occupational Course of Study.

Local school districts have the option of adding other requirements for graduation as well. In approving the new standards, the State Board of Education stressed its desire that local school districts be given the flexibility to create curricula pathways that are innovative and rigorous. Students should be encouraged to take advantage of college level courses while in high school, including College and Career programs through the community college or university dual enrollment offerings.

Career Elective Pathways

Iredell-Statesville Schools Future Ready Electives – Extended Studies			
Concentrations	Concentrations (Minimum 4 credits to meet the Extended Studies Cluster)		
English		Intro to Mass Media	AP English Language & Composition
Mathematics		Grammar & Composition	AP English Literature & Composition
Science		Newspaper	Debate I, II
Social Studies		Broadcasting (not CTE class)	Journalism I, II
		Holocaust Literature	Yearbook
		Film as Literature	Creative Writing I, II
		Discrete Mathematics	Advanced Functions & Modeling
		Pre-Calculus	Statistics
		Math IV	AP Statistics
		Essentials for College Math (SREB)	AP Calculus
		Forensic Science	AP Biology
		AP Chemistry	AP Environmental Science
		AP Physics	
		Crime/Current Events	AP Government & Politics US
		Bible I, II, III, IV	AP World History
		Teacher Cadet I, II	AP US History
		Sociology	AP European History
		Psychology	
		Anatomy and Physiology	NCVPS Courses listed in English, Math, Science and Social Studies
			Community College Courses listed in English, Math, Science and Social Studies

Iredell-Statesville Schools Future Ready Electives – World Language Studies			
Concentrations	Concentrations (Minimum 4 credits to meet the World Languages Cluster)		
	Foundational Courses (Minimum 2 credits of which 1 credit must be from starred courses)		Enhancements
World Languages	French I, II*		French III, IV
	Spanish I, II*		Spanish III, IV
	Latin I, II*		Latin III, IV
	German I, II*		German III, IV
	Any NCVPS Foreign Languages I, II*		Any NCVPS Foreign Languages III, IV
	ESL I, II, III, IV		Any AP Foreign Languages
Under Foundational Courses, please refer to the Curriculum Guide for all Pre-requisites.			

Iredell-Statesville Schools Future Ready Electives – Fine Arts

Concentrations	Concentrations (Minimum 4 credits to meet the Fine Arts Cluster)		
	Foundational Courses (Minimum 3 credits of which 1 credit must be from starred courses)		Enhancement
Instrumental	Orchestra I, II*	Small Ensemble *	Any Advanced Classes offered at VPAC
	Jazz Ensemble *	Guitar	AP Art History
	Band I, II*, III, IV	Electronic Music	AP Music Theory
		Piano	AP Studio Art
			Art Appreciation
Vocal Music	Vocal Music I, II*, III, IV	Show Choir*	Broadcasting
	Vocal Music Performance*		Creative Writing
			Debate
Performing Arts	Dance I, II*, III, IV		Digital Media
			Journalism
Theatre Arts	Theatre I, II*, III, IV	Musical Theatre	Multimedia Webpage Design
			Music Appreciation
Visual Arts	Visual Art I, II*, III, IV	Ceramics I, II*, III	Yearbook
	Digital Photography	Sculpture	Any NCVPS course in Fine Arts
	Computer Art/Graphic Design		Any Community College Course in Fine Arts

Under Foundational Courses, please refer to the Curriculum Guide for all Pre-requisites.

Iredell-Statesville Schools Future Ready Electives – JROTC

Concentrations	Concentrations (Minimum 4 credits to meet the JROTC Cluster)		
	Foundational Courses (Minimum 3 credits of which 1 credit must be a starred course)		Enhancement
JROTC	JROTC I, II*, III, IV		Social Studies Electives
			Advanced PE Elective
			Second Level Foreign Language
			MSITA Excel, Access
			MSITA Word, PowerPoint, Publisher
			Career Management
			Agricultural Mechanics I
			Auto Technician I
			Drafting I
			Any AP Course
			Leadership
			Psychology
			Crime/Justice Current Events

Under Foundational Courses, please refer to the Curriculum Guide for all Pre-requisites.

CTE Career Pathways (click on this link to see the Pathways)

CTE Program Area	CTE Career Pathways		
Agriculture, Food & Natural Resources	Animal Science	Equine Science	Food Products & Processing Systems
	Plant Systems	Power, Structural, & Technical Systems	Sustainable Agriculture
Architecture & Construction	Carpentry	Masonry	HVAC/R
	Electrical Wiring	Interior Design	
Arts, A/V Technology, & Communications	Adobe Academy		
Business Management & Administration	Entrepreneurship	General Management	Project Management
Education & Training	Teaching/Training		
Finance	Accounting	Financial Planning	
Health Science	Biomedical Technology	Healthcare Professional	
Hospitality & Tourism	Culinary Arts Application	Sports & Entertainment Marketing	Travel & Tourism
Human Services	Food & Nutrition	Counseling & Mental Health	
Information Technology	AP Computer Science	Network Security	Python Programming
Law, Public Safety, Corrections & Security	Emergency Management	FireFighter Technology	
Manufacturing	Welding	Metals Manufacturing	
Marketing	Marketing Management		
Science, Technology, Engineering & Mathematics	Technology, Engineering & Design	Electronics	Drafting
Transportation, Distribution & Logistics	Automotive Services	Drone Technology	
CTE Career Pathways include a Prerequisite course and a Concentrator courses. Some require a Foundational Prerequisite course as well. This is viewable on the document linked above.			

North Carolina University System Minimum Requirements

- 4 units of English (honors level preferred)
- 4 units of Mathematics (Math I, Math II, Math III and a fourth math course)
- 3 units of Social Studies (US History (American History I), World History, and Civics & Economics)
- 3 units of Science (Biology, A Physical Science and Earth & Environmental)
- 2 credits in the same second language (3 are recommended).

Minimum UNC System Admission Requirements for High School Weighted GPA and SAT/ACT Scores*			
College Entrance Date	Minimum GPA	Minimum SAT**	Minimum ACT
Fall 2013 (and beyond)	2.5	800	17
*Does not guarantee admission to a UNC System School			
**Critical Reading and Math scores only			

Iredell-Statesville Schools Grading Scale			
90-100	A	0-59	F
80-89	B	FA	Failure Due to Absences
70-79	C	INC	Incomplete
60-69	D		

Weighted Grading System

In order to initiate the development of a consistent and comprehensive transcript for the Iredell-Statesville high schools, the input of data must be consistent and explicit. Grades will be submitted each grading period on the traditional grading scale. A numerical (unweighted) average will be used to determine the following:

- Academic Recognition Awards
- North Carolina Academic Scholars

A weighted grade point average calculated at the end of the third nine weeks will be used to determine the following: Class Rank, Honor Speakers, Honor Graduates, and Junior Marshals.

GPA Weighting

Beginning with the 2015/16 freshman, these students will be under new GPA weighting scale of: Honors = .5 and Selected Community College courses, AP and IB = 1.

All other students (anyone currently enrolled in high school), will be under the current GPA weighting scale of: Honors and Selected Community College courses = 1 and AP/IB =2.

The weighted calculations are based on 1) academic course level; 2) grading scales; and 3) the weighting of course grades.

Advanced Placement (AP)

Advanced Placement courses are designed to give students the opportunity to pursue college-level studies while still in high school and to have the opportunity to earn credit or advanced standing at most of the nation's colleges or universities. There are over 22 subjects available in the AP format however, not all these are taught in the traditional classroom setting or at each school. At schools not offering a particular AP course, courses may be available through

virtual public school. Advanced Placement courses are challenging, stimulating, and extremely rigorous, when compared to other high school courses and are designed to prepare students for college-level work.

Taking rigorous AP courses demonstrates maturity, willingness to push oneself intellectually, and commitment to academic excellence, which can help students stand out in the college admissions process. Students will study subjects in greater depth and detail and will be expected to develop and support their own arguments and perspectives. Students in AP courses are required to take the AP exam at the end of the school year. The State of NC beginning in 2015-2016 paid for the AP Exams for the students.

Potential AP students at each school site are sent selected letters regarding AP placement at the school site. However, if the student does not receive a selection letter, and they feel confident in pursuing an AP course, please indicate during the registration process and on the registration form that you would like to enroll in advanced placement courses. All requests for AP placement will be evaluated by school personnel.

AP instructors complete a rigorous process of designing and submitting syllabi and lesson plans for approval by College Board personnel. This process is designed to ensure students are being challenged by the curriculum and the class and to provide consistent curriculum delivery wherever the course is offered. Additional student information can be found at <http://www.collegeboard.com/student/> and at <http://www.collegeboard.com/parents>.

North Carolina Academic Scholars Program

Students who complete the State Board of Education requirements for a well-balanced, challenging high school program will be named "North Carolina Scholars." North Carolina Scholars receive special recognition at the end of the senior year and at graduation. They also receive an appropriate seal of recognition on the diploma.

Scholar Candidates must:

- begin planning for the program before entering grade 9 to ensure they obtain the most flexibility in their courses;
- complete all the requirements of the North Carolina Academic Scholars Program;
- have an overall four-year, unweighted grade point average of 3.5;
- complete all requirements for a North Carolina high school diploma.

The following designated number of credits per subject area listed below must be taken in grades 9-12:

4	English Language Arts I, II, III, IV
4	Mathematics (Math I, II, III and a higher level mathematics course with Math III as a pre-requisite)
3	Science (Physics or Chemistry, Biology, and an Earth/Environmental Science)
4	Social Studies (World History, Civics/Economics, American History I and American History II)
2	World Languages (two credits of the same language)
1	Health and Physical Education
4	Elective Credits constituting a concentration recommended from one of the following areas: Career and Technical Education (CTE), JROTC, Arts Education, World Languages, or any other subject area.
3	Higher level courses taken during Junior and/or Senior years which carry 1.5 or 3 quality points such as: -AP, IB, Dual or college equivalent courses, Advanced CTE/CTE Credentialing courses, Online courses, Other honors or above designated courses
	OR
2	Higher level courses taken during Junior and/or Senior years which carry 1.5 or 3 quality points such as: -AP, IB, Dual or college equivalent courses, Advanced CTE/CTE Credentialing courses, Online courses, Other honors or above designated courses AND Completion of The North Carolina Graduation Project

Driver Education

Driver Education classes start with a 30 hour Classroom Course that is taught over a span of twelve school days. Classes meet 2 1/2 hours daily culminating with a final exam on the last scheduled day of class. By NC law, students must have 30 contact hours of training where they learn requirements for a NC Driver's License: traffic laws, rules of the road, safety, courtesy, and proper attitudes for driving. Students must attend all classes to successfully complete the course. Please check the Driver Education CALENDAR link on the I-SS website for information on dates and locations for the course.

At the conclusion of the classroom session, successful students will be called by an instructor to schedule six hours of behind-the-wheel training. When students have successfully completed the six hours of driving, they are issued a Driver Education Certificate which will allow them to obtain a Driver Eligibility Certificate. To obtain the Driver Eligibility Certificate, students must bring these three documents to the high school office along with their parent or legal guardian:

- The Driver Education Certificate form issued by the Driver Ed behind-the-wheel instructor
- A Certified Birth Certificate from the Register of Deeds in the county of birth that proves identity and age
- An Official Social Security Card that matches the name on the birth record

The Parent or Guardian must appear in person to sign all documents in the presence of a school official.

At that time a Driver Eligibility Certificate will be issued that certifies the training and academic eligibility* of the student. Students then take those four documents and their parent/guardian to the DMV to obtain the Learner's Permit. Students must keep the Learner's Permit for 12 months during which time they must practice driving with their parent or adult designee. The adult designee must be a NC licensed driver with minimum 5 years of experience.

*Students must pass 3 of 4 courses each semester in order to preserve their driving privilege.

Non-Traditional Schools

Iredell-Statesville Schools understands that the traditional high school is not the only route to success for students. We offer several different options for students which include three early colleges, two International Baccalaureate programs, an alternative school and online opportunities. In this section we will provide you with descriptions of the different programs.

Agriculture and Science Early College (ASEC)

The Agriculture and Science Early College (ASEC) is a five-year high school and community college program. Students will be able to earn a high school diploma and a free two-year college degree or college transfer credits. Entrance is determined by an application process that is conducted in October-December of their 8th grade year. ASEC hosts an annual Open House in October for prospective students and parents. Applications are available online on the ASEC homepage.

Students have the option to pursue several different degrees through Mitchell Community College including: Agribusiness Technology (Associate in Applied Science)

- This degree targets students who are interested in pursuing careers or majors in agriculture.
- Agriculture is the number one industry in North Carolina.
- Nearly 60,000 highly skilled agricultural job openings in the United States are predicted annually within the next five years.
- Graduates will be prepared for careers in agricultural supply sales, store management, environmental and agricultural education, feed and supply sales, wholesale and retail produce management, and nursery and farm operations.

- Articulation Agreement allows this degree to transfer to the University of Mount Olive and North Carolina A & T State University.

Associate in Science (A.S.)

- This degree targets students pursuing careers or majors in engineering, math, medical, research and science.
- Business and industry leaders report the need continues in North Carolina for careers in the agricultural sciences and related industries.
- Graduates may transfer to a four-year college or university to prepare for jobs in many different fields including nursing, sports medicine, biomedical technology, veterinary services, engineering (chemical, environmental, civil and mechanical), architecture, drafting, education, accounting, finance and computer science.

Associate in Arts (A.A.)

- This degree targets students pursuing any four-year college degree.
- The A.A. provides a two-year transfer program for students who plan to transfer to a college or university.
- Graduates will be prepared for a wide range of college majors or employment opportunities such as psychology, law, education, broadcasting, journalism, business, fine arts, criminal justice, banking, culinary, real estate, government, public safety and transportation.

The Collaborative College for Leadership and Technology (CCTL)

The Early College High School Initiative is a bold approach, based on the principle that academic rigor, combined with the opportunity to save time and money, is a powerful motivator for students to work hard and meet serious intellectual challenges. Early college high schools blend high school and college in a rigorous yet supportive program, compressing the time it takes to complete a high school diploma and the first two years of college.

CCTL was established in 2005 with start-up support from the Bill & Melinda Gates Foundation and the partner organization of NC New Schools. There are over 100 Early Colleges in North Carolina. Early Colleges are designed so that low-income youth, first-generation-college-students, English language learners, students of color, and other young people commonly underrepresented in higher education can simultaneously earn a high school diploma and an Associate degree or up to two years of credit toward a Bachelor's degree—tuition free.

The Collaborative College for Leadership and Technology (CCTL) is a joint venture between Iredell-Statesville Schools, Mooresville Graded School System, and Mitchell Community College (MCC). It establishes an Early College High School (ECHS) that provides a technology-enriched, leadership-focused curriculum for a select group of students.

The curriculum is designed to meet the individual needs of students, ensuring that they are fully prepared to enter the workforce or continue their education at a four-year college or university. ECHS students simultaneously earn a high school diploma and an Associate degree over the course of four or five years.

The CCTL is designed to serve students with one or more of the following characteristics:

- Accelerated learners who are not challenged by the limited offerings of traditional high schools
- Students who are not maximizing their academic potential in the traditional school setting
- Students who are more likely to thrive in a non-traditional environment
- Students who need more independence in order to excel academically
- Students who are at risk of not attending college
- Students who may be unable to attend college because of the cost
- First-generation-college-students

Eligibility and Target Population:

- Has above-average ability in areas of reading, writing, and math.

- Demonstrates ability to make mature, independent, and productive choices and to in succeed high school honors classes and college classes.
- Desires to be intellectually challenged and is committed to embracing education.
- Makes education a priority over social and recreational interests.
- Is likely to thrive in a small, personalized, and educational environment.

The application process to enroll begins in October-December with parent and student information meetings. During October, applications are available online at www.cctlec.org or can be **obtained** from the middle school guidance counselor and are due back to CCTL the third week of November. Students may be required to interview. Students will then be notified as to their acceptance or waitlist status by the end of April. Students are to enroll with their traditional high school until notified of acceptance to CCTL.

Crossroads Arts and Science Early College

Crossroads Arts and Science Early College - Our school is a five year program for students in grades 9-13, that are seeking a high school diploma and an associate's degree. Our core curriculum is at the Honors level. Students take high school and college classes concurrently during 10th-13th grades. High school elective choices include Fine Arts, JROTC, and CTE courses. Our target demographic is first generation, highly motivated students who wish to earn their high school diploma and associate degree. Entrance is determined by an application process that is conducted in October-December of their 8th or 9th grade year. Crossroads hosts an annual Open House in October for prospective students and parents. Applications are available online on the Crossroads homepage.

Pressly School

Alternative-to-Suspension Program

Pressly School serves up to 100 students in elementary, middle and high. This school is designed for students needing a smaller, non-traditional learning environment to be successful. The classrooms offer: smaller staff-to-student ratios, creative/diverse learning approaches, assistance with grade improvement, social skills training, and training for successful transitions to a traditional learning environment. Student needs to be referred to the Alternative Referral Committee for acceptance.

Elementary, middle, and high school students suspended for a period of two to ten days have the option of attending the OSS Holding Center (also called the Alternative-to-Suspension Program). Students can complete school assignments and receive credit for attending school. The program includes a counseling / behavioral component where Monticello staff help students identify goals and strategies to help them find success in their home school environment. The Monticello OSS program is an intervention designed to prevent repeat occurrences of inappropriate, school-suspendable behavior. It is also designed to provide a sterile working environment that acts as a deterrent so that students will not want to return.

The OSS Holding Center may only be used three times by one particular student during the course of the school year. On the fourth suspension, the student will receive the full suspension and will serve it without the OSS Holding Center's services. If appropriate, the home school may begin the referral process for the long-term suspension program at Monticello. A district referral committee will assess completed applications to this program and base acceptance on available space, need, and interventions tried.

Long-Term Program

- Designed to be an intervention for students displaying repeated disruptive behaviors at their home school (15-45-365 day placement).
- Students entering Iredell-Statesville Schools from another alternative programs come to Monticello for a 15 day assessment.
- Students accepted into this program through the district referral committee, are assigned to Monticello for a 45 day intervention and assessment program.
- This program also serves students that have been administratively placed on a long-term suspension (45-365 day placement).

- Curriculum: GradPoint – high school.
- This program operates from 8:30-2:30

Extended Day (High School) Designed as a credit recovery opportunity for previously failed courses.

SAVE Program (High School) Designed to provide a 'last chance' for students who dropped-out of High School to receive their diplomas.

International Baccalaureate Program (I.B.)

IB programs at ISS aim to develop inquiring, knowledgeable and caring young people who help to create a better and more peaceful world through intercultural understanding and respect. Additionally, they encourage students in our schools to become active, compassionate and lifelong learners who understand that other people, with their differences, can also be right.

South Iredell High School has the unique distinction of being one of only two IB Continuum schools in North Carolina, offering the Middle Years Program, Career-Related Program, and Diploma Program. All three programs utilize an approach to learning that focuses on self-management skills, social skills, communication skills, thinking skills, and research skills while focusing on rigorous college level content.

Grades 9-10: The IB Middle Years Program (MYP) provides a rigorous interdisciplinary course of study for students in grades 6-10. The MYP provides a framework of academic and life skills, achieved through embracing and transcending traditional school subjects.

Grades 11-12: The IB Diploma Program (DP) is a demanding two-year curriculum leading to final examinations and a qualification that is recognized by leading universities around the world. The **IB Career-related Program (CP)** is also a two year program recognized by universities, and it combines coursework from both the Diploma Program and a career pathway. Both of these programs provide students with an opportunity to take accelerated, advanced coursework while preparing them for success in college and beyond.

Non-Traditional - Online

There are three different online opportunities for students:

North Carolina Virtual Public School (**NCVPS**)

North Carolina Community College System (**NCCCS**) – Career and College Promise (**CCP**)

Students can earn high school credit and/or college credits through these online opportunities at no cost. NCVPS offers a variety of high school classes. NCCCS, Career and College Promise and NCSSM offer college level work to students at no cost.

Dual Credit Allowances for CCP - To support high school students who are earning college credit while in high school through Career and College Promise, NCDPI has determined dual credit allowances for courses included in the Universal General Education Transfer Component (UGETC) of the Comprehensive Articulation Agreement (CAA). UGETC courses will transfer for equivalency credit from NC Community Colleges to UNC Institutions. Students who enroll in and pass these college courses will also receive high school course credit based on the chart below. Eligible high school students may enroll in these courses year-round through CCP. Please see pages for a complete list of college courses available for Dual Credit.

Iredell-Statesville Schools in partnership with the NCVPS and NCSSM will offer online courses to maximize learning options for all children in North Carolina. Whether a student wishes to accelerate their learning experience, recover credits, and/or take courses for college credit, a Digital Learning Advisor (DLA) at your school site can help you.

NCVPS courses will be offered as long as seats are available and are subject to change in accordance to NCDPI regulations. In an effort to make virtual enrollment and performance a top 21st Century priority for all I-SS high school students, the following are guidelines for students, parents, principals, counselors, and digital learning advisors at the school site:

1. During registration information nights at each high school, virtual school information will be available for parents and students as to options with online learning. The NCVPS website at www.ncvps.org is a great resource.

2. Virtual students are prescreened by the Digital Learning Advisor and/or School Counselors and sent selection letters regarding virtual placement at the school site. Students are encouraged to view the online demonstration of what type of work is required via an online learning course at www.ncvps.org.

Virtual students are provided a packet with all contracts and agreements and parents must sign off on all packet requirements. Students also have an orientation process at the beginning of the term as well as at key points throughout the online learning experience.

North Carolina School of Science & Math (NCSSM)

The North Carolina School of Science and Mathematics is pleased to offer a wide variety of tuition-free courses in science, mathematics, engineering, and humanities, as well as free enrichment opportunities for elementary and middle school students and summer programs for gifted students. These courses, in topics ranging from Aerospace Engineering and AP Statistics to Genetics and Biotechnology and Multivariable Calculus, are designed to give your most accelerated students additional opportunities to get honors- and college-level courses without leaving the school building. Registration for our 2017-2018 IVC courses opens in late January on a first-come, first-served basis. For more information, or to register students, visit <http://www.ncssm.edu/online-program/academics/courses>. Your School Counselors will have a copy of the 2017-2018 NCSSM catalog.

Statesville High School Fine Arts Magnet School – FAMIS

Students who wish to enter the magnet will need the written recommendation of a current fine arts instructor, a current academic teacher, and the necessary prerequisites. All students will need to submit an application form to enroll in any FAMIS course, as well as complete an audition to determine placement in the performance-driven disciplines, such as dance or music. They may also need to provide their own transportation to and from Statesville High School.

i-Academy

The i-Academy is a program offered at the Career Academy and Technical School (CATS) site for homeschool students wanting to complete online coursework with NCVPS.

Iredell-Statesville Online Academy

The ISS Online Academy provides opportunities for students to take online classes taught by Iredell-Statesville School teachers. The Online Academy provides a positive, interactive and nurturing environment that facilitates learning in an online setting. Incorporates three core values – Rigor, Relevance, and Relationships – into all courses, focuses on teacher student communication, and is dedicated to the highest caliber educational experience in a virtual environment.

Possible Courses available for 2017-2018: Accounting I and II, Advanced Functions and Modeling, American History I and II, Business Law, Career Management, Civics and Economics, Creative Writing, Earth & Environmental, Ecology, English I, II, III, and IV; Film as Literature, Holocaust Literature, Interior Design II, Latin I, Marketing, Math I, II, and III; Music Appreciation/Theory, Personal Finance, Physical Science, Pre-Calculus, Psychology, SAT/ACT Prep, Sociology, Spanish I and II; SREB Math, Teen Living, Webpage Design, World History

English Curriculum

10252X0FN Foundations of English I

Credit: 1

Grade Level: 9-10

Course Description: This course challenges students to acquire, master, and use skills in studying, writing, grammar, vocabulary, and literature (terms, types, elements). Emphasis is placed on all communication skills. Mastery of skills taught in this course prepares students for English I.

10212X0A English I

Credit: 1

Grade Level: 9

Enrichment Summer Reading Requirement: Set by individual school guidelines.

Course Description: This course challenges students to acquire, master, and use skills in studying, writing, grammar, vocabulary, and literature (terms, types, elements). Emphasis is placed on all communication skills. Mastery of skills taught in English I prepares students for college.

10215X0H English I Honors

Credit: 1 (Extra Quality Pt)

Grade Level: 9

Enrichment Summer Reading Requirement: Set by individual school guidelines.

Course Description: This course introduces the higher-level thinking skills in the study of literature (terms, types, and elements), writing, grammar and vocabulary. Students taking this course should have the English skills to meet a demanding course of study. The course's rigorous academic pace demands high student expectations, a greater independence and depth of study than English I. Emphasis is placed on oral and written communication skills.

10222X0A English II

Credit: 1

Grade Level: 10

Enrichment Summer Reading Requirement: Set by individual school guidelines.

Course Description: This course builds on skills mastered in English I, especially as they apply to World Literature and writing. Emphasis is placed on all communication skills. Mastery of skills taught in English II prepares students for college. The State EOC assessment is required and will count 20% of the final grade.

10225X0H English II Honors

Credit: 1 (Extra Quality Pt)

Grade Level: 10

Enrichment Summer Reading Requirement: Set by individual school guidelines.

Course Description: Students taking this course should have the English skills to meet a demanding course of study. English II Honors applies the higher-level thinking skills in reading, writing, speaking, and listening. The course's rigorous academic pace demands high student expectations, a greater independence and depth of study than English II. This course is designed to prepare students for the advanced placement program. Emphasis is placed on the study of world literature and on expository writing. The State EOC assessment is required and will count 20% of the final grade.

10232X0A English III

Credit: 1

10232X0ONL English III Online (ISS)

Credit: 1

Grade Level: 11

Enrichment Summer Reading Requirement: Set by individual school guidelines.

Course Description: This course builds on skills mastered in English II, especially as they apply to American Literature, writing and research. Emphasis is placed on all communication skills. Mastery of skills taught in English III prepares students for college.

10235X0H	English III Honors	Credit: 1(Extra Quality Pt)
10235X0ONL	English III Honors Online (ISS)	Credit: 1(Extra Quality Pt)
Grade Level:	11	
Enrichment Summer Reading Requirement: Set by individual school guidelines.		
Course Description: Students taking this course should have the English skills to meet a demanding course of study. English III Honors applies the higher-level thinking skills in reading, writing, speaking, and listening. The course's rigorous academic pace demands high student expectations, a greater independence and depth of study than English II. This course is designed to prepare students for the advanced placement program.		
10255X0AE3	Advanced English Language & Composition	Credit: 1(Extra Quality Pt)
Grade Level:	11	
Enrichment AP Language Reading and Assignments		
Recommended: "B" or above in English II Honors		
Course Description: This is the fall semester course taken before AP English Language & Composition.		
1A007X0AP	AP English Language & Composition	Credit: 1(Extra Quality Pt)
Grade Level:	11	
Prerequisite: Advanced English Language and Composition (No Adv part in AP is taught as Semester/Yearlong only)		
Course Description: In this course students will learn to use the characteristic modes of discourse (narration, description, cause and effect, definition, persuasion, etc.) and to recognize the assumptions underlying various rhetorical strategies. Through speaking, listening, reading, and critical analysis, but chiefly through the experience of their own writing, students will become more aware of the resources of language: connotation, metaphor, irony, syntax, diction, and tone. Writing assignments will focus on the critical analysis of literature and mastering styles of various discourses, particularly argumentation; the primary literary focus here is nonfiction, fiction, and drama. An AP course is challenging and stimulating and takes substantially more preparation than other high school courses. It also gives greater opportunity for individual progress and accomplishment and goes into great depth. Students are required to take the AP exam at the end of the school year.		
10242X0A	English IV	Credit: 1
10242X0ONL	English IV Online (ISS)	Credit: 1
Grade Level:	12	
Enrichment Summer Reading Requirement: Set by individual school guidelines.		
Course Description: English IV requires students to extend the skills mastered in reading, writing, listening and speaking and to apply them to a survey of British Literature. Mastery of skills taught in English IV prepares students for college.		
10245X0H	English IV Honors	Credit: 1(Extra Quality Pt)
10245X0ONL	English IV Honors Online (ISS)	Credit: 1(Extra Quality Pt)
Grade Level:	12	
Enrichment Summer Reading Requirement: Set by individual school guidelines.		
Course Description: English IV Honors requires students to demonstrate the ability to use analysis, synthesis, and evaluation in relation to a survey of British Literature. Students taking this course should have the English skills to meet a demanding course of study. This course's rigorous academic pace demands high student expectations, a greater independence and depth of study than English IV.		

10255X0AE4 Advanced English Literature & Composition Credit: 1(Extra Quality Pt)
Grade Level: 12
Enrichment AP Language Reading and Assignments
Recommended: “B” or above in English III Honors
Course Description: This is the fall semester course taken before AP English Literature & Composition.

1A017X0AP AP English Literature & Composition Credit: 1(Extra Quality Pt)
Grade Level: 12
Prerequisite: Advanced English Literature and Composition (No Adv part in AP is taught as Semester/Yearlong only)
Course Description: AP English engages students in the study and practice of writing and in an intense study of literary works. Weekly writing assignments focus on critical analysis of literature and include essays in exposition and argument. A minimum of one major analytical literary research paper is required. Through speaking, listening, and reading and through the experience of their own writing, students become more aware of the resources of language: connotation, metaphor, irony, syntax and tone. An AP course is challenging and stimulating and takes substantially more preparation than other high school courses. It also gives greater opportunity for individual progress and accomplishment and goes into great depth. Students are required to take the AP exam at the end of the school year.

10182X0A Debate I Credit: 1
Location: SIHS
Grade Level: 9-12
Course Description: This course includes studies in verbal and nonverbal communications, listening and evaluation skills, as well as vocal and delivery techniques. Instruction involves research and outlining skills followed by speech writing and class presentations or extemporaneous, informative, persuasive, inspirational, and entertaining speeches. Debating skills are a major element of the class with students participating in several facets of debate. Media production and related skills are covered as an aspect of the course.

10182X0B Debate II Credit: 1
Location: SIHS
Grade Level: 10-12
Prerequisite: Debate I
Course Description: This course is a follow-up to Speech and Debate and continues the study of communication skills, evaluation skills, and further development of vocal and delivery techniques. The course will focus on styles of presentation in public speaking through analysis of historic speakers, telecasts, and in-depth speeches given in class. More time will be devoted to debate in this course with a concentration on debate technique and various types of debate (standard, cross-examination, and Lincoln Douglas debate). Other aspects of the course will be determined by student needs and interests.

10312X0A Journalism I Credit: 1
Grade Level: 9-11
Course Description: Students who wish to work on the school publications should register for this course. It emphasizes the fundamentals of both yearbook and newspaper journalism. Writing is a central focus of this course and students will be expected to write for a variety of purposes and audiences.

10322X0NF	Journalism II Newspaper Fall	Credit: 1
10322X0NS	Journalism II Newspaper Spring	Credit: 1
Grade Level:	10-12 (by application)	
Prerequisite:	Journalism I and/or Journalism teacher recommendation	
Course Description:	This class produces the school newspaper. Students are assigned jobs as follows: editors, reporters, artists, photographers, and business.	
10325X0NY	Journalism Honors Newspaper	Credit: 1(Extra Quality Pt)
Grade Level:	11-12 (by application)	
Prerequisite:	Journalism I, at least two semesters of Journalism II Newspaper, and teacher recommendation	
Course Description:	Honors Journalism Newspaper is designed to challenge the advanced newspaper student who will serve as an editor for the publication. Students will have multiple opportunities to develop leadership and business skills as well as learn advanced techniques in photography, page design, writing, and editing. This course will actively involve students in a higher-level scholastic journalism experience that involves problem solving, critical analysis, and reflective thinking. Emphasis is placed on working as a team, meeting publisher's deadlines, and adhering to ethical standards. Students are required to keep a portfolio of their work, attend workshops, and submit the newspaper for evaluation by NCSPA, JEA/NSPA, SIPA and/or CSPA.	
10325X0YY	Journalism Honors Yearbook	Credit: 1(Extra Quality Pt)
Grade Level:	11-12 (by application)	
Prerequisite:	Journalism I, at least two semesters of Journalism II Yearbook, and teacher recommendation	
Course Description:	Honors Journalism Yearbook is designed to challenge the advanced yearbook student who will serve as an editor for the publication. Students will have multiple opportunities to develop leadership and business skills as well as learn advanced techniques in copywriting, layout design, photography, and theme development. This course will actively involve students in a higher-level scholastic journalism experience that involves problem solving, critical analysis, and reflective thinking. Emphasis is placed on working as a team, meeting publisher's deadlines, and adhering to ethical standards. Students are required to keep a portfolio of their work, attend workshops, and submit the yearbook for evaluation by NCSPA, JEA/NSPA, SIPA, and/or CSPA.	
10322X0YF	Journalism II Yearbook Fall	Credit: 1
10322X0YS	Journalism II Yearbook Spring	Credit: 1
Grade Level:	10-12 (by application)	
Prerequisite:	Journalism I and/or Journalism teacher recommendation	
Course Description:	This class is responsible for the production of the school yearbook. Students are assigned jobs in the editorial, layout, copy, pictures and business staffs.	
10252X0CWA	Creative Writing I	Credit: 1
Location:	LNHS, SIHS	
Grade Level:	10-12	
Course Description:	This course is designed to give students who have a special interest in writing an opportunity to explore and to experiment with various forms of writing. The course curriculum will advance from exercises designed to expand creativity to the writing of short stories, poetry, and plays. Each student is evaluated individually on the merit of work, progress, and participation in activities.	

10252X0CWB Creative Writing II Credit: 1

Location: SIHS

Grade Level: 10-12

Prerequisite: Creative Writing I and by application

Course Description: This class produces the school literary magazine. Students are assigned jobs as follows: senior and junior prose editors, poetry editors, art and photography editors, and layout production staff.

10272X0F Film as Literature Credit: 1

Location:

Grade Level: 11-12

Prerequisite: English II

Course Description: This course is designed to give students having a special interest in film an opportunity to think more intelligently about media and literature. Students will explore the film industry in the United States and abroad, film production, and movie criticism. This will be an intense course with emphasis on writing, thinking and reading/viewing. Students should expect the kinds of rigorous requirements typical of English classes. Film will be used as a vehicle for critical analysis and composition. Grades will be based upon effective participation in class discussions, tests, essays and research projects.

10272X0H Holocaust Literature Credit: 1

Location: NIHS

Grade Level: 11-12

Prerequisite: English II

Course Description: This course will focus on the Holocaust starting with early anti-Semitism in Europe, as well as the state of Germany after World War I; however, the primary concentration will be on the years 1933-1945. Students will study autobiographical and historical accounts of the Holocaust, and they will take an in-depth look at the four main groups involved during this time in our world's history: the perpetrators, the victims, the rescuers, and the bystanders. This course involves outside reading and written response, and it is designed for those interested in learning more about the history of, and the people involved in, the Holocaust.

10382X0AF ESL English I Fall Credit: 1

10382X0AS ESL English I Spring Credit: 1

10382X0BF ESL English II Fall Credit: 1

10382X0BS ESL English II Spring Credit: 1

10382X0CF ESL English III Fall Credit: 1

10382X0CS ESL English III Spring Credit: 1

10382X0DF ESL English IV Fall Credit: 1

10382X0DS ESL English IV Spring Credit: 1

Grade Level: 9-12

Course Description: ESL English is a course designed for students who are new arrivals in the United States and for whom the English language has not developed to a predetermined point of proficiency. The level of proficiency is determined by teacher observation and the Idea Proficiency Test (IPT).

Foreign Language

Note: It is recommended that foreign language courses be taken during consecutive years.

11012X0A French I Credit: 1

11012X0ONL French I Online (ISS) Credit: 1

Location: LNHS, SIHS, SHS

Course Description: This course is an introduction to the study of the French language and its culture. It allows students to perform the most basic functions of the language and to become familiar with some elements of its culture. The emphasis is placed on the development of the four skills of listening, speaking, reading, and writing within a given context extending outside of the classroom setting when possible. Grammar is integrated throughout the course and is selected according to the language needs (functions). A general introduction to the culture, its products (e.g., literature, laws, foods, games) perspectives (e.g., attitudes, values, and beliefs) and practices (patterns of social interaction) is integrated throughout the course. Students acquire some insight into how languages and cultures work by comparing the target language and culture(s) to their own. Integration of other disciplines is ongoing throughout the course.

11022X0A French II Credit: 1

11022X0ONL French II Online (ISS) Credit: 1

Location: LNHS, SIHS, SHS

Prerequisite: French I

Course Description: This course provides students with opportunities to continue the development of their listening, speaking, reading, and writing skills. Students participate in simple conversational situations by combining and recombining learned elements of the language orally and in writing. Students are able to satisfy basic survival needs and interact on issues of everyday life in the present time and past time inside and outside of the classroom setting. They compose related sentences that narrate, describe, compare, and summarize familiar topics from the target culture. Focus is placed on understanding main ideas. They develop a better understanding of the similarities and differences between cultures and languages and they examine the influence of the beliefs and values on the target culture(s). Integration of other disciplines is on-going throughout the course.

11035X0A French III Honors Credit: 1 (Extra Quality Pt)

11035X0ONL French III Honors Online (ISS) Credit: 1 (Extra Quality Pt)

Location: LNHS, SIHS, SHS

Prerequisite: French II

Course Description: This course provides students with additional opportunities to expand their listening, speaking, reading, and writing skills as they create with the language and as they access short literary texts, authentic materials, and media on generally familiar topics. Students satisfy limited communication and social interaction demands, they initiate and maintain face-to-face communication. They identify the main idea(s) and significant details in discussions, presentations, and written texts within a cultural context, read and interpret authentic materials, narrate and describe in sentences, groups of related sentences, and short cohesive passages in present, past, future, and other complex tenses and compose messages, announcements, personal notes, and advertisements. They refine their knowledge and understanding of the target language and culture(s) and their own by examining the interrelationship of other cultures to their own, by demonstrating behaviors appropriate in target cultures, and by applying their knowledge and skills inside and outside of the classroom setting. Integration of other disciplines is on-going throughout the course.

11045X0A French IV Honors

Credit: 1 (Extra Quality Pt)

Location: LNHS, SIHS, SHS

Prerequisite: French III

Course Description: A major focus of this course is to enable students to communicate in writing and in extended conversations on a variety of topics. Students begin to narrate, discuss, and support fairly complex ideas and concepts using concrete facts and topics in past, present and future time. They satisfy routine social demands and meet most social requirements. Culture, history, and literature are also emphasized. Short stories, poetry, excerpts from various periods of literature, current events, and authentic materials are included. Emphasis is placed on independent reading. Finer points of grammar are studied to aid oral and written communication. There is more in depth study of the target culture(s) and their influence throughout the world. Students are able to connect the target language to other disciplines and compare it to their own. Finally, they are able to use the language inside and outside the classroom setting.

11055X0A French V Honors

Credit: 1 (Extra Quality Pt)

Location: LNHS, SIHS, SHS

Prerequisite: French IV

Course Description: This course is designed for those students who want a course of study which concentrates on major literary works, including explanation of texts along with a detailed study of history and culture as they relate to the author's studies. Students are encouraged to work independently and to become well acquainted with the technology presently available for language study.

11412X0A Spanish I

Credit: 1

Course Description: This course is an introduction to the study of the Spanish language and its culture. It allows students to perform the most basic functions of the language and to become familiar with some elements of its culture. The emphasis is placed on the development of the four skills of listening, speaking, reading, and writing within a given context extending outside of the classroom setting when possible. Grammar is integrated throughout the course and is selected according to the language needs (functions). A general introduction to the culture, its products (e.g., literature, laws, foods, games) perspectives (e.g., attitudes, values, and beliefs) and practices (patterns of social interaction) is integrated throughout the course. Students acquire some insight into how languages and cultures work by comparing the target language and culture(s) to their own. Integration of other disciplines is on-going throughout the course.

11422X0A Spanish II

Credit: 1

11422X00NL Spanish II Online (ISS)

Credit: 1

Prerequisite: Spanish I

Course Description: This course provides students with opportunities to continue the development of their listening, speaking, reading and writing skills. Students participate in simple conversational situations by combining and recombining learned elements of the language orally and in writing. They are able to satisfy basic survival needs and interact on issues of everyday life in the present time and past time inside and outside the classroom sitting. They compose related sentences which narrate, describe, compare, and summarize familiar topics from the target culture. Focus is placed on understanding main ideas. They develop a better understanding of the similarities and differences between cultures and languages and they examine the influence of the beliefs and values on the target culture(s). Integration of other disciplines is on-going throughout the course.

11435X0A Spanish III Honors

Credit: 1 (Extra Quality Pt)

11435X0ONL Spanish III Online (ISS)

Credit: 1 (Extra Quality Pt)

Prerequisite: Spanish II

Course Description: This course provides students additional opportunities to expand their listening, speaking, reading, & writing skills as they create with the language and as they access short literary texts, authentic materials, & media on generally familiar topics. Students satisfy limited communication & social interaction demands, they initiate & maintain face-to-face communication. They identify the main idea(s) & significant details in discussions, presentations, & written texts within a cultural context, read & interpret authentic materials, narrate and describe in sentences, groups of related sentences, and short cohesive passages in present, past, and future time and compose messages, announcements, personal notes, & advertisements. They continue to refine their knowledge & understanding of the target language & culture(s) & their own by examining the interrelationship of other cultures to their own, by demonstrating behaviors appropriate in target cultures, & applying their knowledge & skills inside & outside the classroom setting. Integration of other disciplines is on-going throughout the course.

11445X0A Spanish IV Honors

Credit: 1 (Extra Quality Pt)

Prerequisite: Spanish III

Course Description: A major focus of this course is to enable students to communicate in writing and in extended conversations on a variety of topics. Students begin to narrate, discuss, and support fairly complex ideas and concepts using concrete facts and topics in past, present and future time. They satisfy routine social demands and meet most social requirements. Another emphasis of this course is on culture and literature. Short stories, poetry, excerpts from various periods of literature, current events, and authentic materials are included. Emphasis is placed on independent reading. Finer points of grammar are studied to aid oral and written communication. There is more in depth study of the target culture(s) and their influence throughout the world. Students are able to connect the target language to other disciplines and compare it to their own. Finally, they are able to use the language both inside and outside of the classroom setting. This course may be taught as a pre-AP class.

11455X0A Spanish V

Credit: 1 (Extra Quality Pt)

Prerequisite: Spanish IV

Course Description: This course is a continuation of Spanish IV with more emphasis on conversation. Study focuses on major literary works along with a detailed study of Spanish and Latin American history and culture. More work with technology is available for language study.

1A087X0AP AP Spanish V

Credit: 1 (Extra Quality Pt)

Location: SIHS

Prerequisite: Spanish IV or (No Adv part in AP is taught as Semester/Yearlong only)

Course Description: In addition to the regular course requirements, students are expected to develop and demonstrate higher-level cognitive skills in understanding, speaking, reading, and writing Spanish. Understanding and speaking include ability to receive instruction, participate in discussions, and pose questions exclusively in Spanish. Reading and writing include expressing written opinions on various moral, ethical, and cultural issues based on assigned literacy passages. Students are required to take the AP exam.

12412X0A Latin I

Credit: 1

12412X0ONL Latin I Online (ISS)

Credit: 1

Location: LNHS, NIHS

Course Description: The Cambridge Latin Course is designed to introduce students to the language, culture, and history of the Roman Empire during the first century AD (especially that of Pompeii, Roman Britain, and Alexandria). Emphasis is placed on reading and comprehension of the written word. Through the study of Latin, students begin to master a wealth of root words, prefixes, and suffixes essential to build English vocabulary useful in preparing for the SAT.

12422X0A	Latin II	Credit: 1
12422X0ONL	Latin II Online (ISS)	Credit: 1
Location:	LNHS, NIHS	
Prerequisite:	Latin I	
Course Description: Latin II reviews the skills mastered in Latin I and uses them as a building block for further grammatical concepts. The course continues to introduce new aspects of culture and history, focusing on Roman Britain and the city of Rome. Emphasis is still placed on learning new vocabulary and increasing English vocabulary via derivatives.		
12435X0A	Latin III Honors	Credit: 1 (Extra Quality Pt)
Location:	LNHS, NIHS	
Prerequisite:	Latin II	
Course Description: Latin III includes a review of introductory and intermediate Latin vocabulary and grammar while students continue to work toward mastery of reading and interpreting original works of Latin authors of the first century AD. Original passages from Ovid and Vergil (mythology), Catullus (poetry), and Pliny (prose) are first introduced.		
12445X0A	Latin IV Honors	Credit: 1 (Extra Quality Pt)
Location:	LNHS, NIHS	
Prerequisite:	Latin III	
Course Description: Latin IV Emphasizes increased enjoyment of Latin masterpieces such as the works of Cicero, Virgil, Ovid, Catullus, Horace and Plautus. Students acquire additional vocabulary and mature understanding of Roman literature through translation.		
Other Foreign Languages offered by NCVPS		
11212X0VPS	Chinese I Mandarin	Credit: 1
11222X0VPS	Chinese II Mandarin	Credit: 1
11235X0VPS	Chinese III Mandarin Honors	Credit: 1 (Extra Quality Pt)
11245X0VPS	Chinese IV Mandarin Honors	Credit: 1 (Extra Quality Pt)
11612X0VPS	German I	Credit: 1
11622X0VPS	German II	Credit: 1
11635X0VPS	German III	Credit: 1 (Extra Quality Pt)
11645X0VPS	German IV	Credit: 1 (Extra Quality Pt)

Mathematics Curriculum

20502X0FMI Foundations of Math I Credit: 1

Grade Level: 9

Recommended: students scoring below level 3 on the 8th grade EOG mathematics test.

Course Description: This course is designed to introduce students to Math I concepts. Topics covered include the study of integers, linear equations, inequalities, and polynomials. Any student who does not make a proficient score on the eighth grade EOG test MUST take this course. Any student who feels insecure about Math I MAY take this course.

Students earn one elective credit toward graduation but must take Math I to meet the state requirement for Math I.

21092X0MA1 NC Math 1 Credit: 1

21095X0MH1 NC Math 1 Honors Credit: 1(Extra Quality Pt)

Location: Academic all schools / Honors WIHS, Early Colleges

Grade Level: 9-12

Course Description: NC Math 1 provides students the opportunity to study concepts of algebra, geometry, functions, numbers and operations, statistics and modeling throughout the course. These concepts include expressions in the real number system, creating and reasoning with equations and inequalities, interpreting and building simple functions, expressing geometric properties and interpreting categorical and quantitative data. The state EOC test is required and will count as 20% of the final grade.

22092X0MA2 NC Math 2 Credit: 1

22095X0MH2 NC Math 2 Honors Credit: 1 (Extra Quality Pt)

Grade Level: 9-12

Prerequisites: NC Math 1

Course Description: NC Math 2 continues a progression of the standards established in NC Math 1. In addition to these standards, NC Math 2 includes: polynomials, congruence and similarity of figures, trigonometry with triangles, modeling with geometry, probability, making inferences and justify conclusions.

23092X0MA3 NC Math 3 Credit: 1

23095X0MH3 NC Math 3 Honors Credit: 1 (Extra Quality Pt)

Grade Level: 9-12

Prerequisites: NC Math 2 or NC Math 2 Honors

Course Description: NC Math 3 progresses from the standards learned in NC Math 1 and NC Math 2. In addition to these standards, NC Math 3 extends to include algebraic concepts such as: the complex number system, inverse functions, trigonometric functions and the unit circle. Math III also includes the geometric concepts of conics and circles. The state EOC test is required and will count as 20% of the final grade.

24092X0M4 NC Math 4 Credit: 1

24095X0H NC Math 4 Honors Credit: 1 (Extra Quality Pt)

Grade Level: 9-12

Prerequisite: NC Math 3 or NC Math 3 Honors

Course Description: The primary focus of this course is on functions and statistical thinking, continuing the study of algebra, functions, trigonometry and statistical concepts previously experienced in NC Math 1-3. The course is designed to be a capstone to introductory statistical concepts. Additionally, the course intentionally integrates concepts from algebra and functions to demonstrate the close relationship between algebraic reasoning as applied to the characteristics and behaviors of more complex functions. In many cases, undergraduate students majoring in non-STEM fields will take an entry-level Algebra or Introductory Statistics course. Students will be prepared for college level algebra and statistics or as a bridge to prepare students for Precalculus or other advanced math courses.

28005X0STA	Advanced Statistics	Credit: 1 (Extra Quality Pt)
Grade Level:	12	
Prerequisite:	NC Math 3	
Course Description: This course is taken the fall semester before AP Statistics. Students enroll the same year they enroll in AP Statistics.		
2A037X0AP	AP Statistics	Credit: 1(Extra Quality Pt)
Grade Level:	12	
Prerequisite:	Advanced Statistics or (No Adv part in AP is taught as Semester/Yearlong only)	
Course Description: This course is designed for those students who want an Advanced Placement course of study. This course is based on the guidelines of The College Board and the syllabus for Advanced Placement Statistics. Students are required to take the AP Exam.		
24035X0A	Pre-Calculus Honors	Credit: 1 (Extra Quality Pt)
Grade Level:	11-12	
Prerequisite:	NC Math 3, NC Math 3 Honors or Advanced Functions & Modeling	
Course Description: This course is designed for those students who are planning to continue their education beyond high school in a field of study where calculus is an entry level mathematics course. The course covers functions, graphing, trigonometry, sequences and series, and an introduction to calculus.		
24015X0A	Discrete Mathematics Honors	Credit: 1 (Extra Quality Pt)
Grade Level:	11-12	
Prerequisite:	NC Math 3 Honors	
Course Description: This course introduces students to the mathematics of networks, social choice, and decision making. The course extends students' application of matrix arithmetic and probability. Applications and modeling are central to this course of study. Appropriate technology, from manipulatives to calculators and application software, is used regularly for instruction and assessment.		
28005X0ACA	Advanced Calculus	Credit: 1 (Extra Quality Pt)
Grade Level:	12	
Prerequisite:	Pre-Calculus	
Recommended:	"B" or above in Pre-Calculus	
Course Description: This course is taken the fall semester before AP Calculus. Students enroll the same year they enroll in AP Calculus.		
2A007X0AP	AP Calculus AB	Credit: 1 (Extra Quality Pt)
Grade Level:	12	
Prerequisite:	Advanced Calculus or (No Adv part in AP is taught as Semester/Yearlong only)	
Course Description: This course is designed for those students who want an Advanced Placement course of study. This course is based on the guidelines of The College Board and the syllabus for Advanced Placement Calculus. Students are required to take the AP Exam at the end of the school year.		

2A017X0AP AP Calculus BC

Credit: 1 (Extra Quality Pt)

Location: LNHS

Grade Level: 12

Prerequisite: Final grade of C or higher in Advanced Calculus or permission of the Instructor. or (No Adv part in AP is taught as Semester/Yearlong only)

Course Description: This course continues the accelerated study of calculus and its applications to mathematical modeling. Through class discussions, problem solving, laboratory experiences, and writing assignments students discover the important concepts of calculus, develop an understanding of these concepts, and use these concepts in solving realistic problems. This course generally includes the completion of a substantial mathematical modeling project. Calculators and computers are used as tools in the course.

Topics normally covered include additional applications of the derivative, Euler's method, definite and indefinite integrals, numerical approximations of integrals, calculating area and total change of a function, additional discussion of Taylor series and power series, additional techniques of integration, improper integrals, and more applications of integrals. Advanced Calculus and AP Calculus BC constitute a comprehensive study of calculus and include all of the topics on the AP Calculus BC syllabus. Students are required to take the AP Calculus BC Examination at the end of the year.

Science Curriculum

34102X0A Physical Science* Credit: 1

34102X0ONL Physical Science* Online (ISS) Credit: 1

Grade Level: 9-12

Recommended Prerequisite: NC Math 1

Course Description: This course introduces the basic principles of physical science with an emphasis on chemistry and physics.

*Chemistry and Physics also satisfy the requirement of the “physical science” credit.

33202X0A Biology Credit: 1

Grade Level: 9-12

Course Description: This course is designed to prepare the student to live in our world of technology with an in-depth understanding of science concepts and specialized instruction. Special emphasis is given to lab work and projects, which promote creativity and the use of the scientific method. Topics include: life functions, classification, cell biology, plant and animal structure, reproduction and ecology. The state EOC test is required and will count as 20% of the final grade.

33205X0A Biology Honors Credit: 1 (Extra Quality Pt)

Grade Level: 9-12

Recommended: Honors Earth/Environmental Science

Course Description: This course is designed to give the student a more challenging and in-depth experience of the North Carolina Standard Course of Study in Biology. Students are expected to work independently on a variety of assignments and accept greater responsibility for their learning. In addition to the NCSCS goals and objectives, students are expected to: design and carry out several independent investigations of biological questions, read and report on recent research in biology, and demonstrate a more in-depth conceptual understanding of all biology objectives. The state EOC test is required and will count as 20% of the final grade.

30205X0ADB Advanced Biology Credit: 1 (Extra Quality Pt)

Grade Level: 10-11

Prerequisite: Biology Honors & Chemistry Honors or concurrent enrollment in Chemistry Honors

Recommended: A “B” or above in Honors Biology & Honors Chemistry or concurrent enrollment in Honors Chemistry

Course Description: This course is the fall semester course taken before AP Biology.

3A007X0AP AP Biology Credit: 1 (Extra Quality Pt)

Grade Level: 10-11

Prerequisite: Advanced Biology or (No Adv part in AP is taught as Semester/Yearlong only)

Course Description: This course is designed for those who want an Advanced Placement course of study in Biology. This course is based on the guidelines of The College Board and the syllabus for Advanced Placement Biology. The course is divided into three major areas of study: molecular and cell biology, principles of ecology, and evolution and behavior (an advanced laboratory science). Students are required to take the AP Exam.

35012X0A Earth/Environmental Science Credit: 1

35012X0ONL Earth/Environmental Science Online (ISS) Credit: 1

Grade Level: 9-12

Course Description: This course is designed for students interested in studying basic principles of Earth Science. Special areas of study include: meteorology, historical geology, plate tectonics, mineralogy, astronomy, oceanography, geology, and environmental issues.

35015X0H Earth/Environmental Science Honors Credit: 1 (Extra Quality Pt)
35015X0ONL Earth/Environmental Science Honors Online (ISS) Credit: 1(Extra Quality Pt)
Grade Level: 9-12

Course Description: Honors Earth/Environmental Science is a rigorous curriculum designed to allow highly motivated students to conduct an in-depth study of the Earth and Environmental Sciences. Students are expected to work independently on a variety of assignments and accept greater responsibility for their learning. In order to develop a greater understanding of the processes that shape our everyday lives, the curriculum will integrate inquiry investigations and a variety of technologies with the study of earth as a system. The impacts of human activities on earth systems will also be a focus. The results of student investigations will be communicated through presentations and formal laboratory reports. Enrichment and integration with other disciplines is encouraged.

30205X0ENV Advanced Environmental Science Credit: 1 (Extra Quality Pt)
Grade Level: 11-12

Prerequisites: Biology and Chemistry (Honors level recommended)

Course Description: This course is the fall semester course taken before AP Environmental Science. Students enroll in this course the same year they enroll in AP Environmental Science. This course can be used to fulfill an Earth Science credit for Graduation.

3A027X0AP AP Environmental Science Credit: 1 (Extra Quality Pt)
Grade Level: 11-12

Prerequisite: Advanced Environmental Science or (No Adv part in AP is taught as Semester/Yearlong only)

Course Description: The AP Environmental Science course is designed to help students comprehend the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. Laboratory activities originate from the fields of biology, ecology, physics and earth science (an advanced laboratory science). Students are required to take the AP exam at the end of the year.

34205X0H Chemistry Honors Credit: 1 (Extra Quality Pt)
Grade Level: 10-12

Recommended Prerequisite: NC Math 3

Course Description: Chemistry is an accelerated comprehensive laboratory course designed to give students a conceptual and in-depth understanding of the concepts in the NC Standard Course of Study in Chemistry. Students are expected to work independently on a variety of assignments and accept greater responsibility for their learning. The course will include honors objectives and an in-depth study of at least two enrichment topics. Students will design and complete at least one in-depth independent study of chemistry directed questions. The curriculum will integrate inquiry and technology to explore the world of chemistry.

34215X0ADV Advanced Chemistry Credit: 1 (Extra Quality Pt)
Grade Level: 11-12

Prerequisite: Chemistry Honors

Recommended: "B" or above in Chemistry Honors

Course Description: This course is the fall semester course taken before AP Chemistry.

3A017X0AP AP Chemistry Credit: 1 (Extra Quality Pt)
Grade Level: 11-12
Prerequisite: Advanced Chemistry or (No Adv part in AP is taught as Semester/Yearlong only)
Course Description: This course is designed for those who want an Advanced Placement course of study in Chemistry. This course is based on the guidelines of The College Board and the syllabus for Advanced Placement Chemistry (an advanced laboratory science). Students are required to take the AP Exam at the end of the year.

34305X0H Physics Honors Credit: 1 (Extra Quality Pt)
Grade Level: 10-12
Prerequisite: NC Math 3 or taken concurrent
Course Description: This course provides for a challenging and advanced study that enriches key physics topics and broadens the student's view of the larger physics community including current research. Substantial class time will be devoted to student-directed exploration and experimentation. An in-depth study of at least two of the following enrichment topics: optics, nuclear, modern physics, electromagnetism, thermodynamics, or engineering will be required. Physics is an appropriate course for students with a strong mathematics and science background. Success in this course will require the student to: 1) operate with algebraic expressions to solve complex equations which include trigonometric functions, 2) use exponents to solve problems, and 3) describe graphically, algebraically and verbally real-world phenomena as functions and identify independent and dependent variables (a physical science or an advanced laboratory science).

30205X0ADV Advanced Physics Credit: 1 (Extra Quality Pt)
Grade Level: 11-12
Prerequisite: Pre-Calculus or concurrent enrollment in Pre-Calculus
Recommended: Physics Honors
Course Description: This course is the fall semester course taken before AP Physics.

3A057X0AP AP Physics 1: Algebra-Based Credit: 1 (Extra Quality Pt)
3A057X0VPS AP Physics 1: Algebra-Based Credit: 1 (Extra Quality Pt)
3A067X0AP AP Physics 2: Algebra-Based Credit: 1 (Extra Quality Pt)
Grade Level: 11-12
Prerequisite: Advanced Physics or (No Adv part in AP is taught as Semester/Yearlong only)
Course Description: This course is designed for those who want an Advanced Placement course of study in Physics as well as a more complete understanding of how the world works. Students will learn how to relate mathematical models to the physical processes that take place around them on a daily basis. The course covers Newtonian Mechanics, Rotational Motion and Dynamics, Fluids, Heat and Thermodynamics, Kinetic Theory, Electricity, Magnetism and Induction, Waves and Sound, Optics, and Modern Physics. This course is based on the guidelines of The College Board and the syllabus for AP Physics. Successful completion of the course prepares the student for a collegiate career that involves rigorous scientific coursework. The course involves a hands-on lab component where the students utilize computer interfaced sensing equipment to assist them in their investigations of various phenomena. Students who score sufficiently high on the AP Test at the end of the course qualify for collegiate science credits at most institutions. Students are required to take the AP Exam at the end of the year.

3A037X0AP	AP Physics C: Electricity and Magnetism	Credit: 1 (Extra Quality Pt)
3A047X0AP	AP Physics C: Mechanics	Credit: 1 (Extra Quality Pt)

Location:

Grade Level: 11-12

Prerequisite: Advanced Physics, Calculus or concurrent enrollment in Calculus or (No Adv part in AP is taught as Semester/Yearlong only)

Course Description: This course, along with 3A057X0AP, is structured to match a year-long college level course in Physics and uses algebra, trigonometry and limited calculus skills. Passing the AP Physics C test prepares you to enter a college course of study in engineering or science and is recognized by many colleges for as much as a one year science credit towards a BS degree. Topics include Kinematics, Newton's Laws, Conservation Laws, Rotational Kinematics, Gravitation, Waves & Oscillations, Electrostatics, Conductors, Dielectrics & Capacitors, Gauss's Law, Electric Circuits, Magnetism, Electromagnetism, Ampere's law, Faraday's Law, Lentz's Law and Maxwell's Equations. . The course involves a hands-on lab component where students utilize computer inter-faced sensing equipment to assist them in their investigations of various phenomena. Approximately 30-40 hours of lab work will be completed during the course (A physical science or an advanced laboratory science). Students are required to take the AP Physics C Examinations at the end of the year.

30202X00NL	Forensic Science Online (ISS)	Credit: 1
30205X0FS	Forensic Science Honors	Credit: 1 (Extra Quality Pt)
30205X00NL	Forensic Science Honors Online (ISS)	Credit: 1(Extra Quality Pt)

Location: On-site SHS / Online all High Schools

Grade Level: 11-12

Prerequisites: Physics or Chemistry and Biology

Course Description: Forensic Science is designed to sharpen the student's problem solving skills, with an emphasis on writing, direct experimentation, and the formation of evidence based conclusions to a variety of criminal proceedings. Students will write reports that record their findings on evidence presented from case studies and actual investigations. Emphasis will be on all scientific connections of forensics using concepts from biology, chemistry, and physics. Students will conduct their own experiments and research current issues.

64012X0SP	Sports Medicine Training I	Credit: 1
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Location: SHS, WIHS

Grade Level: 10-11

Prerequisite: PE/Health

Course Description: This course is an intensive course for those who have an interest in human anatomy and physiology, biology, and medicine. Course emphasis will be on the role of an athletic trainer, the legal aspects of sports medicine, basic taping, and bandaging, first aid and CPR, anatomy and physiology, EMT skills, sports equipment, and emergency procedures. Students will be encouraged to work with athletic teams to gain experience and to utilize skills learned in class.

Social Studies

43032X0A World History

Credit: 1

Grade Level: 9-12

Course Description: This course includes a survey of world civilizations and the impact their cultures have had on society. Similarities and differences among cultural patterns are studied in the economic, social, and political areas.

43035X0H World History Honors

Credit: 1 (Extra Quality Pt)

Grade Level: 9-12

Prerequisite: Teacher Recommendation

Course Description: This course provides the opportunity for advanced work, rigorous study, and systematic study of major ideas and concepts found in the study of global history. The course is challenging and requires students to take greater responsibility for their learning by participating in problem seeking, problem solving, scholarly and creative processes, critical analysis and application, and reflective thinking. Although the goals and objectives are the same as those found in the standard World History course, the material is taught with greater complexity and reflects a differentiated curriculum.

48005X0ADV Advanced World History

Credit: 1 (Extra Quality Pt)

Grade Level: 10-12

Course Description: This course is the fall semester course taken before AP World History. Students enroll in this course the same year they enroll in AP World History.

4A097X0AP AP World History: Modern

Credit: 1 (Extra Quality Pt)

Grade Level: 10-12

Prerequisite: Advanced World History or (No Adv part in AP is taught as Semester/Yearlong only)

Course Description: This course is designed for those who want an Advanced Placement course of study in World History. This course is based on the guidelines of The College Board and the syllabus for Advanced Placement World History. This course fulfills the state graduation requirement of one unit of World History. Students are required to take the AP Exam at the end of the year.

42092X0A Civics and Economics

Credit: 1

42092X0ONL Civics and Economics Online (ISS)

Credit: 1

Grade Level: 9-12

Course Description: In this course, students will acquire the skills and knowledge necessary to become responsible and effective citizens in an interdependent world. Students will need a practical understanding of these systems of civics and economics that affect their lives as consumers and citizens. Furthermore, this course serves as a foundation for United States History.

42095X0H Civics and Economics Honors

Credit: 1 (Extra Quality Pt)

42095X0ONL Civics and Economics Honors Online (ISS)

Credit: 1 (Extra Quality Pt)

Grade Level: 9-12

Recommended: Teacher Recommendation

Course Description: This course covers material in greater complexity, novelty, acceleration and/or pacing. Honors students will learn to express and defend their ideas while attaining the distance necessary to accept constructive criticism. Teachers should incorporate opportunities for each student to become a reflective thinker who possesses the potential to become an initiator of learning and accomplishments exploring areas of his/her interests within the designated course of study.

43045X0ADV	Advanced American History I	Credit: 1 (Extra Quality Pt)
Grade Level:	11-12	
Course Description: This course is the fall semester course taken before AP United States History. Students enroll in this course the same year they enroll in AP United States History.		
4A077X0AP	AP United States History	Credit: 1 (Extra Quality Pt)
Grade Level:	11-12	
Prerequisite:	Advanced United States History or (No Adv part in AP is taught as Semester/Yearlong only)	
Course Description: This course is designed for those who want an Advanced Placement course of study in United States History. This course is based on the guidelines of The College Board and the syllabus for Advanced Placement United States History. Students are required to take the AP Exam at the end of the year.		
43042X0A	American History I	Credit: 1
43042X0ONL	American History I Online (ISS)	Credit: 1
Grade Level:	11-12	
43045X0AH	American History I Honors	Credit: 1 (Extra Quality Pt)
43045X0ONL	American History I Honors Online (ISS)	Credit: 1(Extra Quality Pt)
Grade Level:	11-12	
43052X0A	American History II	Credit: 1
43052X0ONL	American History II Online (ISS)	Credit: 1
Grade Level:	11-12	
43055X0AH	American History II Honors	Credit: 1 (Extra Quality Pt)
43055X0ONL	American History II Honors Online (ISS)	Credit: 1(Extra Quality Pt)
Grade Level:	11-12	
43182X0A	Foundations Principles USA & NC: Civic Literacy	Credit: 1
43182X0ONL	Foundations Principles USA & NC: Civic Literacy Online (ISS)	Credit: 1
43185X0H	Foundations Principles USA & NC: Civic Literacy Honors	Credit: 1(Extra Quality Pt)
43185X0ONL	Foundations Principles USA & NC: Civic Literacy Honors Online (ISS)	Credit: 1(Extra Quality Pt)
43192X0A	Economics and Personal Finance	Credit: 1
43195X0H	Economics and Personal Finance Honors	Credit: 1(Extra Quality Pt)
43112X0A	American History	Credit: 1
43115X0H	American History Honors	Credit: 1(Extra Quality Pt)

42052X0A Crime & Justice/Current Events

Credit: 1

Grade Level: 10-12

Course Description: This course explores the criminal justice system of our country. Besides comparing the United States' system to that of other countries, students study the successes and failures of the system. There is also a study of various types of crime and punishments. Finally, students explore realistic ways to help reduce crime. Part II studies how the media reports the events of the world from the local, state, national and global perspective. Emphasis is placed on how to interpret media presentations through inferences and conclusions. Students are encouraged to draw contrasting studies of information and form their own conclusions.

48015X0ADV Advanced US Government and Politics

Credit: 1 (Extra Quality Pt)

Grade Level: 11-12

Course Description: This course is taken in the fall semester before AP US Government and Politics. Students enroll in this course the same year they enroll in AP US Government and Politics.

4A067X0AP AP US Government and Politics

Credit: (Extra Quality Pt)

Grade Level: 11-12

Prerequisite: Advanced US Government and Politics or (No Adv part in AP is taught as Semester/Yearlong only)

The AP course in United States Government and Politics includes general concepts used to interpret US politics and the analysis of specific examples. Students in the United States Government and Politics course will confront critical questions about the American political landscape and our role as citizens. We will question the compatibility of capitalism and democracy, the balance between security and liberty, and the relationship between rights and responsibilities. Our attention will focus on Constitutional principles, the political process, policy making institutions, rights and liberties, and the politics of national policy. We will analyze such important concepts as social capital, immigration, inequality, racism, education, First Amendment rights, and the media. Students are required to take the AP Exam at the end of the school year.

48015X0AEH Advanced European History

Credit: 1 (Extra Quality Pt)

Grade Level: 12

Course Description: This course is taken in the fall semester before AP European History. Students enroll in this course the same year they enroll in AP European History.

4A017X0AP AP European History

Credit: (Extra Quality Pt)

Grade Level: 12

Prerequisite: Advanced European History or (No Adv part in AP is taught as Semester/Yearlong only)

Course Description: This course is designed for those who want an Advanced Placement course of study in European History. This course is based on the guidelines of The College Board and the syllabus for AP European History. Students are required to take the AP Exam at the end of the school year.

4A027X0VPS AP Human Geography NCVPS

Credit: (Extra Quality Pt)

Grade Level: 12

The purpose of the AP course in Human Geography is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice. The general themes of AP Human Geography are as follows: Geography is fundamentally concerned with the ways in which patterns on Earth's surface reflect and influence physical and human processes. Geography looks at the world from a spatial perspective—seeking to understand the changing spatial organization and material character of Earth's surface. Geographical analysis requires a sensitivity to scale—not just a spatial category but as a framework for understanding how events and processes at different scales influence one another. Geography is concerned not simply with describing patterns, but with analyzing how they came about and what they mean. Geography is concerned with the ways in which events and processes operating in one place can influence those operating at other places. The overall goal of AP Human Geography is to introduce students to the study of geography as a social science by emphasizing the relevance of geographic concepts to human problems.

44032X0A Psychology

Credit: 1

44032X0ONL Psychology Online (ISS)

Credit: 1

44035X0H Psychology Honors

Credit: 1 (Extra Quality Pt)

44035X0ONL Psychology Honors Online (ISS)

Credit: 1(Extra Quality Pt)

Grade Level: 11-12

Course Description: This course focuses on the study of leading psychologists and their theories and on how psychological theories relate to contemporary life. It includes a basic survey of social and human relations. The formation of human personality is analyzed and examined with regard to the role of the individual in human society.

44035X0ADV Advanced Psychology

Credit: 1 (Extra Quality Pt)

44035X0AON Advanced Psychology Online (ISS)

Credit: 1 (Extra Quality Pt)

4A057X0AP AP Psychology

Credit: 1 (Extra Quality Pt)

4A057X0ONL AP Psychology Online (ISS)

Credit: 1 (Extra Quality Pt)

Prerequisite: Advanced Psychology or (No Adv part in AP is taught as Semester/Yearlong only)

Psychology is designed to engage students in the understanding, articulation, and dissemination of psychology as a science. Students are introduced to psychology, with a focus on the scientific study of human development, learning, motivation, and personality. The course emphasizes the empirical examination of behavior and mental processes and offers perspectives that foster students' growth, development, and understanding of cultural diversity. Students of psychology acquire information from a variety of sources, use information as they make decisions and evaluations, and solve problems. Honors Psychology covers the material in greater complexity, novelty, and pacing. Honors Psychology is distinguished by a difference in the quality of the work expected, not merely an increase in quantity.

48005X0AH Bible History I Honors – Genesis to Ruth

Credit: 1 (Extra Quality Pt)

Grade Level: 9-12

Course Description: This course is a survey of the Old Testament from Genesis to Ruth, with an emphasis on gaining an understanding of the Pentateuch and the early history of Israel. In the process of this study, the student will gain an appreciation of how this history has impacted our modern world. The course is academically challenging and requires the student to actively participate in their learning. Students will be expected to interact with the material in a variety of mediums, including, but not limited to: various types of writing, artistic representations, and projects. Students' progress will be evaluated using a variety of methods.

48005X0BH Bible History II Honors – The Gospels

Credit: 1 (Extra Quality Pt)

Grade Level: 9-12

Course Description: This course is a historical overview of the New Testament Gospels of Matthew, Mark, Luke, and John. This will be done by examining the life of Jesus chronologically with an understanding of the cultural issues of the day. The continuing impact of the New Testament's rich assortment of parables and characters on our literacy and cultural heritage will be noted as well. Students will be held accountable for their learning using a variety of assessments and will be expected to demonstrate a deeper level of understanding.

48005X0CH Bible History III Honors – Samuel to Malachi

Credit: 1 (Extra Quality Pt)

Grade Level: 10-12

Course Description: This course includes an overview of the opening of the Old Testament, and focuses on a detailed study of the United and Divided Kingdom periods with a study of the prophets. The poetical works will also be studied in conjunction with their historical era. Through a study of the conflicts of this period, students will achieve a better understanding of the impacts of social and moral problems and attempts to solve them. A variety of methods will be used in instruction and assessment, designed to foster a deeper comprehension of the concepts.

48005X0DH Bible History IV Honors – Acts to Revelation

Credit: 1 (Extra Quality Pt)

Grade Level: 10-12

Course Description: This course focuses on the early church's struggles and successes as seen through the letters written to the early churches and individuals. Students will be able to explain the spread of Christianity across geographical and cultural thresholds through this course of study and to describe the variety of eschatological interpretations. Students will be active in their learning, employing varied forms of writing and participation in class discussions. A number of different methods of assessment will be utilized to determine student success.

Fine Arts Curriculum

52302X0A Vocal Music Beginning

Credit: 1

Grade Level: 9-12

Course Description: This course is designed to include two, three, and four part singing (SAB/SATB) as well as beginning vocal technique and score reading.

52312X0A Vocal Music Intermediate

Credit: 1

Grade Level: 9-12

Course Description: This course is designed for the more mature voice and well-developed vocal technique and tone quality. It includes four-part singing (SATB) and introductions to sight singing. Music ranges from “pop” to classical and from Renaissance to contemporary. Performances in the Fall and Spring Choral Concerts offer an opportunity to gain experience in public performances.

52325X0A Vocal Music Proficient Fall

Credit: 1 (Extra Quality Pt)

52325X0B Vocal Music Proficient Spring

Credit: 1 (Extra Quality Pt)

Prerequisite: Vocal Music Beginning, Vocal Music Intermediate, Placement audition, and teacher recommendation

52335X0A Vocal Music Advanced Fall

Credit: 1 (Extra Quality Pt)

52335X0B Vocal Music Advanced Spring

Credit: 1 (Extra Quality Pt)

Prerequisite: Vocal Music Beginning, Vocal Music Intermediate, Vocal Music Proficient, Placement audition, and teacher recommendation

Course Description: This limited group is required to have advanced choral/vocal techniques and sight singing abilities. These students represent the school in small ensemble competitions, community and school events, and individual competitions. This group performs publicly on a frequent basis. Auditions include a solo of the student’s choice, rhythm and pitch recall, and display of vocal range. Vocal Music Proficient addresses the competency goals and objectives of the NC SCOS for Vocal Music Proficient and provides additional extensions of these goals and objectives as a foundation for advanced proficiency in performance, conducting, listening, appreciation, history, analyzing, composing, the use of current technology, and research culminating in written reports.

52325X0C Vocal Music Proficient Women

Credit: 1 (Extra Quality Pt)

Grade Level: 9-12

Prerequisite: Audition

Course Description: This course is designed for the more mature voice and well-developed vocal technique and tone quality. It includes three and four-part treble singing and focuses on sight singing abilities. Music ranges from “pop” to Classical and from Renaissance to Contemporary. This group will represent the school in competitions. Auditions include a solo of the student’s choice, rhythm and pitch recall (the student sings back what he/she has heard played on the piano), and display of vocal range. Performance at the Spring Choral Concerts offers an opportunity to gain experience in public performances.

52552X0A Band Beginning Fall

Credit: 1

52552X0B Band Beginning Spring

Credit: 1

Grade Level: 9-12

Prerequisite: Middle School Band

Course Description: This course concentrates on previous music experiences and is designed to develop the skills of performance to the highest possible level. The content of the course covers the literature of various style periods and instrumental form, development of a concept of interpretation, music reading, basic music theory, interpretative

marking, and nomenclature found in band literature. Attendance at out-of-class rehearsals and performances, marching or concert, is viewed as the extension of the classroom and is required. Students registering for Band I must also register for Marching Band.

52562X0A Band Intermediate Fall Credit: 1

52562X0B Band Intermediate Spring Credit: 1

Grade Level: 9-12

Prerequisite: Band Beginning

Course Description: This course is designed for those students who have attained performance skills. The primary goal of this course is to develop a greater degree of music responsiveness through rehearsals and performances. Special emphasis is placed on continued development of performance skills, sight reading ability, and interpretive skills. Attendance at out-of-class rehearsals and performances, marching or concerts is viewed as an extension of the classroom and is required.

52552X0M Marching Band (Fall Only) Credit: .5-Pass/Fail

Grade Level: 9-12 Not Included in GPA

Prerequisite: All students registered for Band Beginning, Band Intermediate, Band Proficient, Band Advanced or Small Ensemble is REQUIRED to register for Marching Band.

Course Description: This course is designed for those schools that have after school marching rehearsals. Attendance at marching rehearsals, football games, parades, or marching contests is the main requirement for this course. (Exceptions are varsity athletes.) Marching rehearsals begin before the opening of school (1 or 2 weeks to be determined by the band director of each individual school). Those students chosen for flag squad or majorette are required to register for this course also. Class meetings for this course are after school rehearsals, football games, parades, or any other performance required by the band director. Contact hours for this semester course are the same as a regular class period.

52575X0A Band Proficient Fall Credit: 1 (Extra Quality Pt)

52575X0B Band Proficient Spring Credit: 1 (Extra Quality Pt)

Grade Level: 11-12

Prerequisite: Band Beginning, Band Intermediate, audition and teacher recommendation

Course Description: Band Proficient continues to build on the comprehensive music education students have received in Band Intermediate. Band Proficient addresses the competency goals and objectives of the NC SCOS for Band Proficient and provides additional extensions of these goals and objectives as a foundation for advanced proficiency in performance, conducting, listening, appreciation, history, analyzing, composing, the use of current technology, and research culminating in written reports.

52585X0A Band Advanced Fall Credit: 1 (Extra Quality Pt)

52585X0B Band Advanced Spring Credit: 1 (Extra Quality Pt)

Grade Level: 12

Prerequisite: Band Beginning, Band Intermediate, Band Proficient, audition and teacher recommendation

Course Description: Band Advanced continues to build on the comprehensive music education students have received in Band Proficient. Band Advanced addresses the competency goals and objectives of the NC SCOS for Band Advanced and provides additional extensions of these goals and objectives as a foundation for advanced proficiency in performance, conducting, listening, appreciation, history, analyzing, composing, the use of current technology, and research culminating in written reports.

52585X0S Small Ensemble Honors

Credit: 1 (Extra Quality Pt)

Grade Level: 9-12

Prerequisite: Audition

Course Description: This course is designed for band students interested in expanding their knowledge of music for specific instruments. These ensembles may include woodwind/brass trios, quartets, quintets, etc. Music ranging from classical to modern is performed. Performance for ensemble competitions and concerts is expected.

Orchestra [52425X0A Proficient/52435X0A Advanced]

Credit: 1 (Extra Quality Pt)

Location: SHS-FAMIS

Grade Level: 9-12

Symphony Orchestra is offered to 9th-12th grade students with previous experience on an orchestral instrument (bowed strings, brass, woodwinds, percussion, harp). Educational emphasis is placed on the advancement of instrumental technique, ensemble rehearsal and performance, further development of music reading and comprehension skills, independent musicianship, style, and a deeper understanding of orchestral literature. Literature will contain both Classical and Popular music.

Guitar Ensemble [52185X0G Proficient/52195X0G Advanced]

Credit: 1 (Extra Quality Pt)

Location: SHS-FAMIS

Grade Level: 9-12

Acoustic Guitar Ensemble is a small group of acoustic guitars and bass. The literature includes compositions written for guitar ensembles and arrangements of pieces originally written for other settings, ranging from solo instruments to full orchestrations. The ensemble allows students to hone their individual skills while learning to rehearse and perform in a collaborative ensemble. Musical styles will include classical, jazz, rock, popular, Spanish and flamenco, and other traditional guitar music. The ensemble will typically perform for smaller venues and special events, as well as work collaboratively with other school departments, such as providing music for dance performances.

Piano Proficiency [52185X0P Proficient]

Credit: 1 (Extra Quality Pt)

Location: SHS-FAMIS

Grade Level: 9-12

Piano Proficiency is designed for students with previous music experience (vocal or instrumental) who desire to obtain basic piano skills. The curriculum focuses on beginner to intermediate technique and literature. Although previous musical experience is not necessary for the course, the course is taught with the expectation that students have some previous music experience to draw from.

Guitar Proficiency [52185X0GP Proficient]

Credit: 1 (Extra Quality Pt)

Location: SHS-FAMIS

Grade Level: 9-12

Guitar Proficiency is designed for students with previous music experience (vocal or instrumental) who desire to obtain basic guitar skills. The curriculum focuses on beginner to intermediate technique and literature. Although previous musical experience is not necessary for the course, the course is taught with the expectation that students have some previous music experience to draw from.

AP Music Theory/Music Theory [5195X0ADV / 5F017X0A]

Credit: 1 (Extra Quality Pt)

Location: SHS-FAMIS

Grade Level: 9-12

Any student may enroll in this course provided that they have submitted a FAMIS application. No music audition required. Previous music experience is encouraged, but not required.

AP Music Theory is an advanced level course designed to engage students in learning activities that will help them to achieve the outcomes assessed by the College Board's Advanced Placement Music Theory Examination. The AP Music Theory course is designed 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. These abilities will be developed through various listening, performance, written, creative, and analytical exercises. Although this course focuses on music of the Common Practice Period (1600 – 1900), materials and processes found in other styles and genres are also studied.

Students are encouraged to sit for the College Board's Advanced Placement Music Theory Examination. Students who successfully complete the AP Music Theory Examination and plan to major in music in college may be able to enroll in an advanced music theory course, depending upon the individual college's policy.

AP Music Theory is a year-long course (2 semesters). Students may elect to take only the 1st or 2nd semester of the course separately, called MUSIC THEORY I & II, for honors credit (not considered AP).

Rock Band [52575X0RB Proficient/52585X0RB Advanced]

Credit: 1 (Extra Quality Pt)

Location: SHS-FAMIS

Grade Level: 9-12

Rock Band is a performing ensemble course in which students learn to rehearse and perform in a contemporary, popular music venue via a small band (typically 4-8 members). Educational emphasis is placed on individual preparation, group communication and collaboration, creative exploration, music technology and stagecraft, small group leadership skills, and expanding students' knowledge of the contemporary music industry. Styles studied and performed include any and all major popular genres (i.e., rock, pop, R&B) and their related sub-genres. Students must possess previous vocal and/or instrumental experience related to popular genres (solo voice, acoustic and electric guitar, bass, drums, keyboards, etc.).

String Quartet [52575X0SQ Proficient/52585X0SQ Advanced]

Credit: 1 (Extra Quality Pt)

Location: SHS-FAMIS

Grade Level: 9-12

This course puts 9th-12th grade students with previous experience on bowed stringed instruments (violin, viola, cello, string bass) into a small ensemble (quartet, quintet, or larger ensemble). Educational emphasis is placed on the advancement of instrumental technique, ensemble rehearsal and performance, further development of music reading and comprehension skills, independent musicianship, style, and a deeper understanding of string literature. Literature will contain both Classical and Popular music. Performance opportunities focus on smaller, more intimate venues and occasions.

Jazz Combo [52575X0JE Proficient/52585X0JE Advanced]

Credit: 1 (Extra Quality Pt)

Location: SHS-FAMIS

Grade Level: 9-12

Jazz Combo is a performing ensemble course in which students learn to rehearse and perform in a popular music venue via a small jazz combo band (typically 4-8 members). Educational emphasis is placed on individual preparation, group communication and collaboration, creative exploration, music technology and stagecraft, small group leadership skills, and expanding students' knowledge of the contemporary music industry. Styles studied and performed include any and all standard jazz genres. Students must possess previous vocal and/or instrumental experience related to popular genres (solo voice, acoustic and electric guitar, electric bass, acoustic string bass, drums, keyboards, etc.).

Music History [52205X0MH Advanced]

Credit: 1 (Extra Quality Pt)

Location: SHS-FAMIS

Grade Level: 9-12

Music History is a fascinating, music listening-intensive course that introduces students to music of all styles and cultures throughout the history of the world, from the most mysterious, distant past to the music of today's progressive scene. Music of world cultures (Asia, Africa, South America, etc.) will also be experienced extensively, both in listening, discussion, and in hands-on application. Students will become familiar with the history of ancient music, European music, popular music styles (jazz, blues, rock, urban, etc.), and music in movies and popular culture. The curriculum is centered around individual and group projects, hands-on activities, concerts, exploratory field trips, and audio-visual experiences.

Electronic Digital Music [52185X0ED Proficient / 52195X0ED Advanced]

Credit: 1 (Extra Quality Pt)

Location: SHS-FAMIS

Grade Level: 9-12

Digital Music is a course that is quite broad, and is designed for students with musical experience who want to become familiar with how music is made digitally, how the digital age has affected music, and the basics of the modern music industry. Students will become familiar with software used for creating music both historically and modern. Students will also learn the basics of the music industry and how modern careers in music work. Additionally, students will study the basics of acoustics and sound, with an emphasis on hands-on experiences in sound engineering and technology.

52585X0PS Percussion Ensemble/Steel Drum Ensemble Honors

Credit: 1 (Extra Quality Pt)

Location: SHS-FAMIS

Grade Level: 10-12

Prerequisite: Audition

This performance ensemble is open to all students interested in learning about performance technique and the history of steel drumming through the performance of traditional and popular music of the Caribbean. Public performances will be scheduled in cooperation with the schools and local community.

51152X0A Dance Beginning

Credit: 1

Location: SHS

Grade Level: 9-12

Application Only – no prior experience necessary

Course Description: Beginning level of dance with concentration in Modern technique. Students will learn basic body alignment and understand basic kinesthetic awareness. They will understand basic dance vocabulary and be able to implement vocabulary. Students will also have an opportunity to study jazz and lyrical techniques in this class.

51162X0A Dance Intermediate

Credit: 1

Location: SHS

Grade Level: 9-12

Prerequisite: Dance Beginning

Course Description: Advanced beginning level of dance with concentration in Modern technique. Students will learn basic body alignment and understand basic kinesthetic awareness. They will apply and implement dance vocabulary and students will create their own piece of choreography.

51175X0A	Dance Proficient	Credit: 1 (Extra Quality Pt)
Location:	SHS	
Grade Level:	10-12	
Prerequisite: Dance Beginning, Dance Ballet Technique, Dance Intermediate Modern Dance, Dance Composition/History I, and/or Audition – prior experience necessary		
Intermediate level of dance, dancers will have a solid base of modern technique and will be able to begin to self-correct basic dance techniques. Students will have a solid understanding of kinesthetic awareness and are able to implement dance vocabulary.		
51185X0A	Dance Advanced	Credit: 1 (Extra Quality Pt)
Location:	SHS	
Grade Level:	11-12	
Prerequisite: Dance Beginning, Dance Ballet Technique, Dance Intermediate Modern Dance, Dance Proficient, Dance Composition/History I, and/or Audition – prior experience necessary		
Students will work at an advance level of modern and ballet techniques. They are able to self-correct with confidence dance technique and vocabulary. Students will have a strong understanding of kinesthetic awareness.		
51162X0MD	Dance Modern Dance Intermediate	Credit: 1
Location:	SHS	
Prerequisite:	Dance Beginning, Dance Ballet Technique and/or Audition – prior experience necessary	
Grade Level:	9-10	
Course Description: Advance beginning level of dance, learning the concepts of Lester Horton. Students will be able to recognize Horton vocabulary and be able to implement Horton technique simple movement studies. Students will apply basic alignment, kinesthetic and vocabulary techniques to one’s own movement.		
51175X0MD	Modern Dance Proficient	Credit: 1(Extra Quality Pt)
51185X0MD	Modern Dance Advanced	Credit: 1(Extra Quality Pt)
Location:	SHS-FAMIS	
Grade Level:	9-12	
51275X0DB	Ballet Proficient	Credit: 1(Extra Quality Pt)
51285X0DB	Ballet Advanced	Credit: 1(Extra Quality Pt)
Location:	SHS-FAMIS	
Grade Level:	9-12	
51275X0BP	Ballet Point Proficient	Credit: 1(Extra Quality Pt)
Location:	SHS - FAMIS	
Prerequisite: Dance Beginning, Dance Ballet Technique, Dance Intermediate Modern Dance, Dance Proficient, Dance Composition/History I, and/or Audition – prior experience necessary		
Grade Level:	10-11	
Course Description: Dancers will work on an intermediate level of ballet. They will learn basic point and partnering vocabulary. They will understand ballet technique and vocabulary and will be able to perform at an intermediate level of competency.		
51285X0BTP	Ballet Point Advanced	Credit: 1(Extra Quality Pt)
Location:	SHS-FAMIS	
Prerequisite: Dance Beginning, Dance Ballet Technique, Dance Intermediate Modern Dance, Dance Proficient, Dance Composition/History I, Dance Advanced and/or Audition – prior experience necessary		

Grade Level: 12

Course Description: Students will work on a senior project; this is a culmination of four years of study. They will apply proper dance technique using dance vocabularies and apply tools of composition in a year end piece. This class will also emphasize a strong advance level of dance technique and vocabulary.

Dance Composition 51275X0DC Proficient/51285X0DC Advanced

Credit: 1(Extra Quality Pt)

Location: SHS-FAMIS

Grade Level: 9-12

Movement & Dance for Musical Theatre 53635X0MD Proficient/53645X0MD Advanced Credit: 1(Extra Quality Pt)

Location: SHS-FAMIS

Grade Level: 9-12

All actors need to learn how to move on stage. This class teaches actors the basic dance skills needed for Musical Theatre Choreography. Students will learn, basic steps, turns, jumps and students will learn basic dance Technique. The students will also learn how to choreograph for Musical Theatre.

54152X0A Art Beginning

Credit: 1

54152X0VPS Art Beginning NCVPS

Credit: 1

Grade Level: 9-12

Course Description: This course introduces the beginning art student to the basic materials and techniques in the area of drawing, painting, graphics, and sculpture. Students will study Elements of Art. The major objectives are to develop basic skills in these areas, to emphasize creative ideas on paper, and to encourage appreciation of the visual arts. Art appreciation is fostered through class discussion, portfolios, and oral critiques. Media students may work with include: graphite pencil, conte, ink, charcoal, pastels, collage, cut paper design, water colors, acrylic, tempera, and color pencils.

54162X0A Art Intermediate

Credit: 1

Grade Level: 9-12

Prerequisite: Art Beginning

Course Description: This course stresses the areas of drawing, painting, graphics, and sculpture. The foundations of art are continued from Art I with a concentration on the principles of design. The major objectives of the course are to more fully develop the basic skills mastered in Art I. Art appreciation is fostered through class discussion and oral critiques. Media students may work with include: graphite pencil, conte, ink, charcoal, pastels, collage, cut paper design, water color, acrylic, tempera, and color pencils.

54175X0H Art Proficient

Credit: 1(Extra Quality Pt)

Grade Level: 10-12

Prerequisite: Art Intermediate, teacher recommendation and portfolio review

Course Description: This course places emphasis on artistic experience, art history, and development. Students study drawing, painting, sculpture, acrylics, and printmaking. Students interested in an art career should talk with their counselor about this course. Assignments and teacher expectations are designed to be much more challenging than Art Beginning and Art Intermediate. This course requires work outside the classroom and is designed for the serious art student. Art Proficient is an advanced level course and involves more in-depth knowledge of art processes, media, and history.

54185X0H	Art Advanced	Credit: 1(Extra Quality Pt)
Grade Level:	10-12	
Prerequisite:	Art Proficient, Teacher Recommendation and Portfolio Review	
Course Description:	This course places emphasis on artistic experience, art history, and development. Art Advanced offers a more in-depth study of techniques in Art Beginning, Intermediate and Proficient. This course is designed as an extension of Art Proficient. Assignments and teacher expectations are designed to be much more challenging than Art Beginning, Intermediate and Proficient. This course requires work outside the classroom and is designed for the serious art student. Art Advanced is an advanced level course and involves more in-depth knowledge of art processes, media, and history.	
54612X0P	Painting 101	Credit: 1
Location:	LNHS, SIHS	
Prerequisites:	Art Beginning and Art Intermediate	
Grade Level:	10-12	
Course Description:	This course introduces the concepts, materials, and techniques of painting. Experience the joys of painting as a means of expression with the introduction of painting methods using various materials such as acrylics, watercolors, oil paints, and newer media. Learn how to stretch and build your own canvas. Emphasis is placed on technique, color theory, originality of content, and development of personal style. Different art styles and techniques, as well as color theory and the principles of design will be explored. Historical and contemporary approaches will be studied through hands-on studio demonstration followed by concentrated student projects. Students at this level may want to purchase some of their own brushes and supplies.	
54622X0P	Painting 102	Credit: 1
Location:	LNHS	
Prerequisites:	Painting 101	
Grade Level:	10-12	
Course Description:	Continue the study of the concepts, materials, and techniques of painting- but with an emphasis on independent work on a more personal level. Students will concentrate on specific area of study with various painting media of their choice. Personal style is emphasized as well as producing college level portfolio works.	
54612X0A	Drawing	Credit: 1
Location:	LNHS	
Prerequisite:	"C" or better in Art Beginning	
Course Description:	Students in Drawing will further develop observational skills and problem solving skills learned in Art I. Instruction will be focused on enhancing students' understanding of the Elements and Principles of Art and Design while exploring a variety of dry media and techniques. Materials such as graphite, ink, charcoal, pastel and colored pencil will be used to foster a comprehensive understanding of the descriptive, formal and expressive possibilities of drawing and design. Students will research and critique artists and art movements of the past and present as well as engage in group and individual critiques.	
54612X0S	Sculpture	Credit: 1
Location:	LNHS	
Prerequisite:	"C" or better in Art Beginning	
Course Description:	This is a studio course offering an in depth study of the Elements and Principles through the arrangement of materials in a Three Dimensional format. Students will create the following: realistic and free form, open and closed form, organic and inorganic form. We will experiment with processes such as assemblage, casting, carving, and modeling. Project materials will include wire, wood, plaster, stone, clay paper, polymer, and a variety of found objects.	

54645X0A	Art V / Portfolio Advanced	Credit: 1 (Extra Quality Pt)
Grade Level:	11-12	
Prerequisite:	Art Advanced and Portfolio Review	
Course Description: This course is an advanced art class for serious art students. Students interested in continuing their art education at the college level should consider taking this course. It is designed as an in-depth study of techniques and media. Students are expected to create a body of work (portfolio). Students are expected to be responsible and must be able to work independently. Teachers will be available to help student obtain information about colleges and special programs.		
54185X0SD	Advanced 2-Dimensional Art	Credit: 1 (Extra Quality Pt)
Location:	LNHS	
54185X0SA	Advanced Studio Art	Credit: 1 (Extra Quality Pt)
Location:	SHS	
Grade Level:	12	
Prerequisite:	Art Proficient, teacher recommendation, portfolio review	
Course Description: This course is designed for students who are seriously interested in the practical experience of art. This course is a prerequisite for AP Studio Art and should be taken in the fall.		
5A047X0AP	AP Studio Art	Credit: 1 (Extra Quality Pt)
5A027X0AP	AP Studio Art 2-D Design	Credit: 1 (Extra Quality Pt)
5A037X0AP	AP Studio Art 3-D Design	Credit: 1 (Extra Quality Pt)
Location:	SHS	
Grade Level:	12	
Prerequisite:	Advanced Studio Art or Advanced 2-Dimensional Art	
Course Description: This course is the 2nd for AP Studio Art. It should be taken in the spring to finish the College Board requirements, and prepare for the portfolio review. The course is based on the guidelines of the College Board and uses the syllabus for AP Studio Art. Students are required to submit a portfolio of at least 24 to 30 quality works for evaluation at the end of term. The AP exam for Studio Art is the submission of the portfolio.		
54612X0CC	Creative Crafts, Beginning	Credit: 1
Grade Level:	9-12	
Location:	SIHS	
Prerequisite:	None	
Course Description: This class is designed to expose the student to various processes, techniques and methods related to crafts. The student will not only explore art history as it relates to various crafts and cultures, but will also learn the process used to create different crafts. A variety of media will be used and combined to create projects. These projects may include but are not limited to seasonal crafts.		
54612X0C	Clay / Ceramics Beginning	Credit: 1
Grade Level:	10-12	
Prerequisite:	Art Beginning and teacher recommendation	
Course Description: This course emphasizes the expressive content and communication qualities of the clay body. Students gain the knowledge and ability to hand build and wheel throw the clay body, with the emphasis on hand-built methods. Students will also acquire the skills necessary for firing, glazing, scoring, and displaying of clay sculpture.		

54622X0B Clay / Ceramics Intermediate

Credit: 1

Grade Level: 11-12

Prerequisite: Clay/Ceramics Beginning and Teacher Recommendation

Course Description: This course is designed for those students who have attained skills working with clay. It is an advanced course to follow Clay/Ceramics I. Student purchase of clay and glaze is required.

54635X0A Clay / Ceramics Proficient

Credit: 1 (Extra Quality Pt)

Grade Level: 11-12

Prerequisite: Clay/Ceramics Intermediate and Teacher Recommendation

Course Description: This course is designed for the serious pottery student. The student will gain knowledge and ability to create both functional and decorative pottery, to understand the historical development of pottery, and to explore the process of mixing clay and glazes as well as kiln firing. Student purchase of clay and glaze is required.

54645X0A Clay / Ceramics Advanced

Credit: 1 (Extra Quality Pt)

Grade Level: 11-12

Prerequisite: Clay/Ceramics Proficient and Teacher Recommendation

Course Description: This course is designed for the serious pottery student. The student will gain knowledge and ability to create both functional and decorative pottery, to understand the historical development of pottery, and to explore the process of mixing clay and glazes as well as kiln firing. Student purchase of clay and glaze is required.

54645X0P Oil/Watercolor Advanced Painting

Credit: 1 (Extra Quality Pt)

Location: SHS-FAMIS

Grade Level: 10-12

In this class students will focus on the techniques, terms, and applications of Oil and Watercolor paint. Color Theory and Value be major elements of the focus within the artworks and the processes involved in using these mediums. While painting is something that all art classes teach, this class will focus on the seldom offered and advanced forms of oil and watercolor.

54645X0PH Photography Now & Then

Credit: 1 (Extra Quality Pt)

Location: SHS-FAMIS

Grade Level: 10-12

54645X0TF Textiles & Fabrics

Credit: 1 (Extra Quality Pt)

Location: SHS-FAMIS

Grade Level: 10-12

54645X0MET Metals & Fibers

Credit: 1(Extra Quality Pt)

Location: SHS-FAMIS

Grade Level: 10-12

Prerequisites: Art I & Art II or Art I & Clay I

Course Description: In this class you will manipulate both fabric and metals to create 2d and 3d artworks including batique, sculpture, metal casting, and dyes among other things.

53152X0A Theatre Arts Beginning

Credit: 1

Grade Level: 9-12

Course Description: This course introduces students to the fundamentals of theatre production. Areas of study include introduction to theatre history, different types of plays, basic play production, pantomime and body language, voice and diction, stage makeup, beginning acting, basic directing, and script writing. Students in this class have the

opportunity to participate in class productions and to work on major productions throughout the year. It is recommended that students taking this course be able to accept the responsibility of rehearsals and public performances.

53162X0A Theatre Arts Intermediate

Credit: 1

Grade Level: 10-12

Prerequisite: Theatre Arts Beginning

Course Description: In this course students continue their study of how plays are produced through an examination of theatre history as it relates to play production, intermediate acting and stage movement, stage dialects, intermediate directing and script writing, critiquing of plays as literature and as theatrical performances. Other areas of study include costume design and construction, publicity and promotion of theatrical events, and box office management. Students have an opportunity to work on various productions throughout the school year. It is required that students taking this course be able to accept the responsibility of rehearsals and public performances.

53175X0A Theatre Arts Proficient Fall

Credit: 1 (Extra Quality Pt)

53175X0B Theatre Arts Proficient Spring

Credit: 1 (Extra Quality Pt)

Grade Level: 10-12

Prerequisite: Theatre Arts Beginning, Theatre Arts Intermediate

Course Description: Theatre Arts Proficient involves additional in-depth application of theatre arts knowledge, skills, and processes. Attendance at after school rehearsals and performances is required.

53185X0A Theatre Arts Advanced Fall

Credit: 1 (Extra Quality Pt)

53185X0B Theatre Arts Advanced Spring

Credit: 1 (Extra Quality Pt)

Grade Level: 10-12

Prerequisite: Theatre Arts Beginning, Theatre Arts Intermediate, Theatre Arts Proficient and Audition

Course Description: Theatre Arts Advanced is an even more advanced continuation of Theatre Arts Proficient and will require students to become initiators of learning and accomplishment, as well as, demonstrate leadership and expertise in theatre arts. Attendance at after school rehearsals and performances is required.

53612X0TT Technical Theatre

Credit: 1

Grade Level: 10-12

Prerequisite: Application

Course Description: Students should be interested in the technical aspects of theatrical production instead of, or in addition to, acting. Areas of student include directing, stage makeup, costume design and construction, theatre organization, management and operation, scenery design and set construction, theatrical lighting, and sound effects. Members of the class complete individual projects during the year and are responsible for backstage work on all drama productions. Students must be able to accept the responsibility of rehearsals and public performances. Students may take this course more than one time for credit.

53622X0M Musical Theatre

Credit: 1

Grade Level: 10-12

Prerequisite: Audition

Course Description: This class is for any student who has a serious interest in musical theatre. Major areas of study include history of musical theatre, movement and choreography, vocal training at various levels, advanced acting techniques, technical studies, and production styles. Students may take this course more than one time for a unit of credit.

Playwriting [53635X0P Proficient/53645X0P Advanced]

Credit: 1 (Extra Quality Pt)

Location: SHS-FAMIS

Grade Level: 11-12

Directing & Production [53635X0D Proficient/53645X0D Advanced]

Credit: 1 (Extra Quality Pt)

Location: SHS-FAMIS

Grade Level: 11-12

Children's Theatre [53635X0CT Proficient/53645X0CT Advanced]

Credit: 1 (Extra Quality Pt)

Location: SHS-FAMIS

Grade Level: 11-12

Physical Education / Healthful Living

*The North Carolina Standard Course of Study for Healthful Living is followed for all courses listed in this section.

60492X0HPE Physical Education / Health

Credit: 1

Grade Level: 9-12

Course Description: This course is required for all students. Physical, mental, social, and emotional health is explored. The physical education component consists of physical fitness testing, individual and team sports, and a variety of other activities. Students will complete district required Fitnessgram as a part of this course.

60292X0A Advanced Physical Education

Credit: 1

Grade Level: 10-12

Prerequisite: Physical Education / Health

Course Description: This course is for the student who wishes to participate in physical education activities at an advanced level.

60292X0WT Weight Training

Credit: 1

Grade Level: 10-12

Prerequisite: Physical Education / Health

Course Description: This course involves studies in weight management, weight lifting, and programs for proper physical management.

60292X0LF Lifetime Fitness

Credit: 1

Location: LNHS, SIHS, SHS, WIHS

Grade Level: 10-12

Prerequisite: Physical Education / Health

Course Description: This course is designed with an emphasis on background and development of healthy lifestyle choices associated with lifetime fitness. Areas of study will include: aerobic activities for cardiovascular fitness, strength and conditioning methods, lifetime individual sports and activities.

60292X0RS Recreation & Sports Management

Credit: 1

Location: SIHS, WIHS

Grade Level: 11-12

Prerequisite: Physical Education / Health

Course Description: This course is designed with an emphasis on developing skills and knowledge associated with the following activities: officiating games, tournament organization, court and field lay-out, maintenance of facilities, first aid and sports medicine.

60632X0SM Sports Medicine Training I

Credit: 1

Location: SHS

Prerequisite: Physical Education / Health

Course Description: This course is an intensive course for those who have an interest in human anatomy and physiology, biology, and medicine. Course emphasis will be on the role of an athletic trainer, the legal aspects of sports medicine, basic taping, and bandaging, first aid and CPR, anatomy and physiology, EMT skills, sports equipment, and emergency procedures. Students will be encouraged to work with athletic teams to gain experience and to utilize skills learned in class.

60292X0TT Theory and Application of Team Sports

Credit: 1

Location: SHS

Grade Level: 10-12

Course Description: This course is designed with an emphasis on the strategies, skills, analysis of techniques and performance associated with team sports.

Junior Reserve Officer Training Corps (JROTC)

The focus of JROTC is leadership and 21st Century life and career skills. The learning objectives are in harmony with all Courses of Study--College/University Prep, College Tech Prep, and Career Prep--thus making it a suitable elective for all students.

All Courses must be taken in sequence beginning with 95012A.

Cadets may earn .5 credit per semester for participating in JROTC extracurricular teams: Drill Team; Raider Team; Air Rifle Team, and Color Guard. Credit is awarded as Pass-Fail and not included in GPA. Coursework is supplemented by marksmanship training, drill and ceremonies, and adventure training. Extra-curricular activities include color guard, drill team, rifle team, raider team, and community service projects.

In accordance with military service regulations, cadets must wear the prescribed JROTC uniform as instructed and meet military grooming standards to receive credit for the course.

95012X0A JROTC IA

Credit: 1

Location: NIHS, SIHS, SHS, WIHS

Grade Level: 9-12

Course Description: This course is designed to focus on citizenship, building teamwork, and developing discipline and self-confidence. Course work will include U.S. citizenship (Constitution), leadership, career awareness, consumer awareness, oral communications, learning styles, conflict resolution, character education, health (lifesaving first aid, and drug awareness), PE (weekly physical training), earth science (map reading) and U.S. military history overview. Cadets are required to participate in weekly uniform inspections and appropriate service grooming standards. Selected cadets will be assigned squad level leadership roles.

95012X0B JROTC IB

Credit: 1

Location: NIHS, SIHS, SHS, WIHS

Grade Level: 9-12

Prerequisite: JROTC IA

Course Description: This course will focus on citizenship, building teamwork, and developing discipline and self-confidence. It is a continuation of JROTC IA coursework. Cadets who have not taken JROTC IA may be permitted to register for this course with permission from the instructor.

95022X0A JROTC IIA

Credit: 1

Location: NIHS, SIHS, SHS, WIHS

Grade Level: 10-12

Prerequisite: JROTC IB

Course Description: This course will focus on leadership, citizenship, teamwork, and motivation. Coursework will include written communications, presentation techniques, leadership and management, values and ethics PE (weekly physical

training), aid, hygiene, and drug awareness), earth science (map reading), U.S. military history (Cold War era 1945-1991), U.S. Citizenship (civil rights), career awareness and technology awareness. Cadets rotate platoon level leadership roles.

95022X0B JROTC IIB Credit: 1

Location: NIHS, SIHS, SHS, WIHS

Grade Level: 10-12

Prerequisite: JROTC IIA

Course Description: This course will focus on leadership, citizenship, teamwork, and motivation. It is a continuation of JROTC IIA coursework. Cadets rotate platoon level leadership roles.

95032X0A JROTC IIIA Credit: 1

95035X0A JROTC IIIA Honors Credit: 1 (Extra Quality Pt)

Location: NIHS, SIHS, SHS, WIHS

Grade Level: 11-12

Prerequisite: JROTC IIB

Course Description: This course will focus on leadership citizenship, and team building. Coursework will include communication process and reading, leadership, PE (weekly physical training), health (first aid, stress, and drug awareness), earth science (map reading), U.S. military history (1865-1945), U.S. citizenship (judicial system), career awareness, personal financial management, and technology awareness. Selected cadets will be assigned company level leadership, and battalion staff positions.

95032X0B JROTC IIIB Credit: 1

95035X0B JROTC IIIB Honors Credit: 1 (Extra Quality Pt)

Location: NIHS, SIHS, SHS, WIHS

Grade Level: 11-12

Prerequisite: JROTC IIIA

Course Description: This course focuses on leadership, citizenship, and team building. It is a continuation of JROTC IIIA coursework. Selected cadets are assigned company level leadership and battalion staff positions. JROTC SAI must approve cadet enrollment for JROTC IVA.

95042X0A JROTC IVA Credit: 1

95045X0A JROTC IVA Honors Credit: 1 (Extra Quality Pt)

Location: NIHS, SIHS, SHS, WIHS

Grade Level: 12

Prerequisite: JROTC IIIB

Course Description: This course will focus on leadership, citizenship, team building. The course will include practical exercises in oral and written communications, leadership (ethics), drug awareness, U.S. military history (1775-1865), PE (weekly physical training), and career awareness. Cadets will be assigned to company and battalion level command and staff leadership positions. Cadets are responsible for peer teaching JROTC IA – IIIB cadets in all areas of the curriculum under the supervision of military instructors.

95042X0B JROTC IVB Credit: 1

95045X0B JROTC IVB Honors Credit: 1 (Extra Quality Pt)

Location: NIHS, SIHS, SHS, WIHS

Grade Level: 12

Prerequisite: JROTC IVA

Course Description: This course will focus on leadership, citizenship, team building. It is a continuation of JROTC IVA practical exercises. Cadets will be assigned to company and battalion level command and staff leadership positions. Cadets are responsible for peer teaching JROTC IA – IIIB cadets in all areas of the curriculum under the supervision of military instructors.

Other Courses

96022X0A SAT Preparation Credit: 1

96022X0VPS SAT Preparation NCVPS Credit: 1

96022X0ACT ACT Preparation NCVPS Credit: 1

SAT Prep is a course designed to help prepare students for the SAT test. In addition to reviewing the basic verbal and mathematical skills assessed on the SAT test, students have access to test-taking strategies specific to the exam, real student work samples with explanations, grading rubrics for peer and self-assessment, practice tests with complete multiple-choice assessments, essays prompts, and study resources. Instruction, followed by collaborative, guided, and independent practice, provides the foundation for the course. Students spend nine weeks working on the verbal and writing component of the SAT and nine weeks working on the math component of the SAT. Students will also register for and use daily both the College Board and CFNC Web sites for the course. Upon successful completion, students will possess the tools necessary to complete the SAT to the best of their ability.

96045X0A Teacher Cadet I Honors Credit: 1 (Extra Quality Pt)

Grade Level: 11-12

Course Description: This course is a pre-training program for students interested in a teaching career or interested in working with children. The course of study provides a challenging curriculum introducing topics relevant to education. Students are required to complete a field study at a local elementary, middle or high school. Application and references are required. Selection will be based on the quality of these requirements and class availability. Students are required to provide their own transportation to the field experiences.

96065X0A Teacher Cadet II Honors Credit: 1 (Extra Quality Pt)

Grade Level: 11-12

Prerequisite: Teacher Cadet I and Teacher Recommendation

Course Description: This course is a training program for students interested in a teaching career or interested in working with children. The course of study provides a challenging curriculum which encompasses a field experience at a local feeder school or at the student's home school. Placement is based upon the student's future educational career path. Selection will be based on the quality of success in Teacher Cadet I and class availability. Students are required to provide their own transportation to the field experiences.

96082X0MA Media Assistant Credit: 1

Grade Level: 11-12

Application Required

Course Description: It is the intent of this course to improve the student's knowledge of the media center with emphasis given to acquiring skills that will help the student use media more effectively. Skills in locating, investigating, reporting, appreciating literature, and reading are covered.

96102X0F	Leadership Skills	Credit: 1
95652X0ALD	Leadership Development NCVPS	Credit: 1
Location:	SIHS, SHS, WIHS	
Grade Level:	9	

Course Description: The course will focus on raising students' skills needed to become successful in high school and life. Students will identify their own individual learning styles, study skills and habits, and communication skills. Other topics include diversity, financial planning, time management, and self-awareness. In the Careers portion of the class, students will investigate the job market in the 21st century, have opportunities to job shadow, listen and interact with guest speakers, and experience field trips to post-secondary opportunities such as work sites and colleges.

Career and Technical Education

Career Development

CC452X0A Career Management

Credit: 1

Grade Level: 9-12

Course Description: This course prepares students to locate, secure, keep, and change careers. Emphasis is placed on self-assessment of characteristics, interests, and values; education and career exploration; evaluation of career information and creation of a career plan. Based on the National Career Development Guidelines, skills learned in this course include, but are not limited to communications, interpersonal skills, problem solving, personal management and teamwork. Work-based learning strategies appropriate for this course include business/industry field trips, internships, job shadowing, and service learning.

Agricultural Education

"Notice: Within some Agricultural Education courses, students may be exposed to animals as relating to the essential standards of specific course(s)."

*Denotes Second Level (Advanced) Courses

AU102X0A Agriscience Applications

Credit: 1

Grade Level: 9-10

Course Description: This course focuses on integrating biological/physical sciences with technology as related to the environment, natural resources, food production, science, and agribusiness. Topics of instruction include agricultural awareness and literacy, employability skills and introduction to all aspects of the total agricultural industry. English language arts, mathematics, and science are reinforced.

AU212X0A Sustainable Agricultural Production I

Credit: 1

Grade Level: 10-12

Course Description: This course focuses on the increasingly complex world of producing enough food and fiber to meet the growing world demand and at the same time maintain ecological balance and conserve our natural resources. Students will explore implementing environmentally sound practices in agricultural production to satisfy the needs of a growing population for today and tomorrow. A breadth of topics including: crop and animal production, natural resource management, agroforestry, food safety, and the farm to fork continuum will set the educational stage for this course. English language arts, mathematics, and science are reinforced.

AU222X0A *Sustainable Agricultural Production II

Credit: 1

Grade Level: 10-12

Prerequisite: Agricultural Production I

Course Description: This course expands on the complexity of producing enough food and fiber to meet the world demand and at the same time maintain an economical balance and conserve our natural resources. Students will explore the U.S. food system and how agriculture impacts the quality of life at all levels as well as the energy resources necessary to meet these needs. Twenty first century topics such as precision agriculture, biotechnology, bioinformatics, plant and animal breeding, apiculture, aquaponics, hydroponics, vermicomposting and food safety will be explored as to their role in a sustainable society. Students will discuss marketing strategies for agricultural products and develop a business plan for a sustainable grower. English language arts, mathematics, and science are reinforced.

AA212X0A Animal Science I Credit: 1
AA215X0HN Animal Science I Honors Credit: 1(Extra Quality Pt)
Grade Level: 9-12

Course Description: This course focuses on the basic scientific principles and processes that are involved in animal physiology, breeding, nutrition, and care in preparation for an animal science career major. Topics include animal diseases, introduction to animal science, animal nutrition, animal science issues, career opportunities, and animal evaluation. English language arts, mathematics, and science are reinforced.

AA225X0H *Animal Science II Honors Credit: 1(Extra Quality Pts)
AA225X0HNL *Animal Science II Large Animal Honors (LNHS) Credit: 1(Extra Quality Pts)
Grade Level: 10-12
Prerequisite: Animal Science I

Course Description: This course includes more advanced scientific principles and communication skills and includes animal waste management, animal science economics, decision making, and global concerns in the industry, genetics, and breeding. English language arts, mathematics, and science are reinforced in this class.

AA232X0A *Animal Science II—Small Animal Credit: 1
AA235X0H Animal Science II Honors - Small Animal Credit: 1(Extra Quality Pts)
Grade Level: 10-12
Prerequisite: Animal Science I

Course Description: This course provides instruction on animal science topics related to small animals that are served by a veterinarian. Content related to the breeding, grooming, care and marketing of animals that fit into this category are taught in this course. English language arts, mathematics, and science are reinforced in this class.

AA312X0A Equine Science I Credit: 1
Grade Level: 9-12

Course Description: This course focuses on the basic scientific principles and processes related to equine physiology, breeding, nutrition, and care in preparation for a career in the equine industry. English language arts, mathematics, and science are reinforced.

AA325X0H *Equine Science II Honors Credit: 1 (Extra Quality Pt)
Grade Level: 9-12
Prerequisite: Equine Science I

Course Description: The course focuses on more advanced applications of feeding, breeding, and management practices involved in the horse industry. English language arts, mathematics, and science are reinforced.

AS312X0A Agricultural Mechanics I Credit: 1
AA315X0H Agricultural Mechanics I Honors Credit: 1 (Extra Quality Pt)
Grade Level: 9-12

Course Description: This course develops knowledge and technical skills in the broad field of agricultural machinery, equipment, and structures. The primary purpose of this course is to prepare students to handle the day-to-day problems, accidents, and repairs needs they will encounter in their chosen agricultural career. Topics include agricultural mechanics safety, agricultural engineering career opportunities, hand/power tool use and selection, electrical wiring, basic metal working, basic agricultural construction skills related to concrete and carpentry, basic welding, and leadership development. English language arts, mathematics, and science are reinforced.

*Course enrollment limited to 20 to ensure safety in laboratory settings.

AS325X0H	*Agricultural Mechanics II Honors	Credit: 1(Extra Quality Pts)
Grade Level:	10-12	
Prerequisite:	Agricultural Mechanics I	
Course Description: In this course, the topics of instruction emphasized are non-metallic agricultural fabrication techniques, metal fabrication technology, safe tool and equipment use, human resource development, hot/cold metal working skills and technology, advanced welding and metal cutting skills, working with plastics, plumbing, concrete and masonry, agricultural power and advanced career exploration/decision making. English language arts, mathematics, and science are reinforced.		
*Course enrollment limited to 20 to ensure safety in laboratory settings.		
AS335X0H	*Agricultural Mechanics II—Small Engines Honors	Credit: 1 (Extra Quality Pt)
Grade Level:	10-12	
Prerequisite:	Agricultural Mechanics I	
Course Description: This course is provided for the upper-level agricultural mechanics student who wishes to apply the basic knowledge of small engines acquired through on-line Briggs and Stratton training modules delivered by the agricultural education teacher in a shop setting. The course is intended to provide students with experiential learning opportunities as they perform "hands-on" skills specified in the curriculum under the direct supervision of the agriculture teacher. This "learning to do" philosophy will enable students to understand curriculum content so that they may pass the Briggs and Stratton Competency Exam and receive certification from Briggs and Stratton. English, language arts, mathematics, and science are reinforced.		
*Course enrollment limited to 20 to ensure safety in laboratory settings.		
AA415X0A	Veterinary Assisting Honors	Credit: 1(Extra Quality Pts)
Grade Level:	11-12	
Prerequisite:	Animal Science I, Animal Science II (preferably small animals) or Equine 1 and Equine 2	
Course Description: This course provides instruction for students desiring a career in animal medicine. Topics include proper veterinary practice management and client relations, pharmacy and laboratory procedure, advanced animal care, and surgical/radiological procedures. Applied mathematics, science and writing are integrated throughout the curriculum. Advanced FFA leadership will be infused throughout the curriculum to develop the student's ability to work with the public. All aspects of this course will feature hands-on skill sets designed to enhance experiential learning. English language arts, mathematics, and science are reinforced. Work-based learning strategies appropriate for this course are cooperative education, internship, mentorship, service learning job shadowing and supervised agricultural experience. FFA competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skill through authentic experiences. Students who wish to take the Veterinary Assisting Exam developed by Texas Veterinary Medical Association to be a Certified Veterinary Assistant (CVA) Level 1 should complete an additional 500 hours of supervised agricultural experience (SAE) during their three animal science courses. Two hundred SAE hours focus on the care and management of animals; will be substantiated by records, and conducted under the direct supervision of the agricultural teacher. Hours may be earned any time during the year including summer months. An additional 300 hours of supervised agricultural experience (worked based learning) will be conducted as an internship program in animal medicine under the supervision of a licensed veterinarian or certified veterinary technician who will attest that participating students have mastered a standard set of skills used in animal medicine as identified by the cooperating teacher. Hours may be earned any time during the year including summer months.		
AP412X0A	Horticulture I	Credit: 1
AP415X0H	Horticulture I Honors	Credit: 1 (Extra Quality Pt)
Grade Level:	9-12	
Course Description: This course provides instruction on the broad field of horticulture with emphasis on the scientific and technical knowledge for a career in horticulture. Topics in this course include plant growth and development, plant nutrition, media selection, basic plant identification, pest management, chemical disposal, customer relations, and career opportunities. English language arts, mathematics, and science are reinforced.		

AP422X0A *Horticulture II Credit: 1
AP425X0H *Horticulture II Honors Credit: 1(Extra Quality Pt)
Grade Level: 10-12
Prerequisite: Horticulture I

Course Description: This course covers instruction that expands scientific knowledge and skills to include more advanced scientific computations and communication skills needed in the horticulture industry. Topics include greenhouse plant production and management, bedding plant production, watering systems, light effects, basic landscape design, installation and maintenance, lawn and turf grass management, and personal development. English language arts, mathematics, and science are reinforced.

AP445X0H *Horticulture II—Landscape Construction Honors Credit: 1 (Extra Quality Pt)
Grade Level: 10-12
Prerequisite: Horticulture I

Course Description: This course provides hands-on instruction and emphasizes safety skills needed by landscape technicians in the field. Students are instructed in interpreting landscape designs, identifying landscape plants, and planting/maintaining trees, shrubs, and turf. Landscape construction is emphasized in the areas of grading and drainage, irrigation, paver installation, and the use/maintenance of landscape equipment. Current topics discussions provide students an understanding of careers and the employability skills needed to enter the landscape industry. English language arts, mathematics, and science are reinforced.

AP432X0A *Horticulture II-Turf Grass Credit: 1
Grade Level: 11-12
Prerequisite: Horticulture I

Course Description: This course provides hands-on instruction and emphasizes eight units of instruction including fundamentals of soils and pests, environmental issues related to turf management, landscape basics, lawn care and turf production, golf course management, sports turf and turf irrigation, turf equipment and maintenance, and human resources and financial management. Safety skills will be emphasized. English language arts, mathematics, and science are reinforced.

AN512X0EN Natural Resources I Credit: 1
Grade Level: 9-12
Location: WIHS
Prerequisite: None

Course Description: This course provides an introduction to environmental studies, which includes topics of instruction in renewable and non-renewable natural resources, history of the environment, personal development, water and air quality, waste management, land use regulations, soils, meteorology, fisheries, forestry, and wildlife habitat. English language arts, mathematics, and science are reinforced.

AN522X0EN Natural Resources II Credit: 1
Grade Level: 9-12
Location: WIHS
Prerequisite: Natural Resources I

Course Description: This course covers instruction in best management practices in methods of environmental monitoring and conservation, air and water regulations, sampling methodologies, prescribing conservation techniques, and wildlife and forestry management. English language arts, mathematics, and science are reinforced.

WB012X0AGR Agricultural Advanced Studies Credit: 1
Grade Level: 12
Prerequisite: Two technical credits in the Agricultural Resources Pathway including a level 2 course

Business and Information Technology Education

* Denotes Second Level (Advanced) Courses

BP142XOPPI Python Programming 1

Credit: 1

BP145X0H Python Programming 1 Honors

Credit: 1 (Extra Quality Pt)

Grade Level: 9-12

Prerequisite: None

Course Description: Introduction to Python is a beginning course (not intended for experienced programmers) in which students can learn and practice coding in an online environment that requires only a modern web browser and Internet connection. No special software is required to complete this course. The course includes video content, practice labs, and coding projects. The course content is presented in three units. Each unit is a freestanding course. Unit 1 (Course 40460) focuses on Python language basics, introducing data types, variables, input, functions, operators, conditional statements, loops, and incrementing. Students will be introduced to the basic structure of the Python 3 language and be ready to take Unit 2 as well as other beginner courses. Unit 2 (Course 40461) focuses on Python data structures such as strings, lists, and range sequences, as well as methods for working with these structures. Students will be introduced to data structures and files in Python 3 and be ready to take Unit 3 as well as other beginner courses. Unit 3 (Course 40521) focuses on using Python to develop sustainable code. Students will be introduced to data structures and files in Python 3 and be ready for more-advanced Python learning. **Students can earn credentials by taking certification tests.**

BP162XOPP2 *Python Programming 2

Credit: 1

Grade Level: 10-12

Prerequisite: BP142XOPPI / BP145X0H

Prerequisite: Python Programming 1

Course Description: This course will prepare students for jobs and careers connected with widely understood software development, which includes not only creating the code itself as a junior developer, but also computer systems design and software testing. Students will be guided to a level of Python programming knowledge which will allow them to design, write, debug, and run programs encoded in the Python language, and to understand the basic concepts of software development technology. In addition, students will learn IoT (Internet of Things) skills which can help transform any business in any industry, from manufacturing to saving endangered species. Students will apply basic programming (using Python) to support IoT devices. This course will prepare students for taking the PCAP: Certified Associate in Python Programming certification exam. Associate certification scaffolds to certification as a Certified Expert in Python Programming.

BL532X0A App Development with Swift, Level 1

Credit: 1

Grade Level: 9-12

Prerequisite: None

Location: WIHS only

Course Description: This course is designed for students to build a foundation in Swift, UIKit, and networking through hands-on labs and guided projects. This course is also designed for students to be able to build an app of their own design by the end of the course. Students will write software that is incredibly fast and safe by design. Learning Swift is a great introduction to modern programming concepts and best practices. Once mastered, Swift skills can be applied to an even broader range of platforms, from mobile devices to the desktop to the cloud.

BP412X0A Computer Science Principles 1

Credit: 1

Grade Level: 10-12

Prerequisite: None

Course Description: Computer Science Principles I is an introductory course intended to familiarize students with the general concepts and thinking practices of computing, computer science, and information science. Students will learn computing concepts through authentic visual and interactive projects using visual programming languages. Students will focus on the "big CS ideas" in creative ways that emphasize conceptual knowledge and thinking practices rather than on programming alone. The big ideas in CSP include computing as a creative activity, abstraction, facilitating knowledge creation through computing, algorithms, problem-solving, the Internet, and the global impact of computing. Emphasis is placed on problem-solving, communication, creativity, and exploring the impacts of computing on how we think, communicate, work, and play. Art, English language arts, and mathematical concepts are reinforced.

BP422X0A Computer Science Principles 2

Credit: 1

Grade Level: 10-12

Prerequisite: BP412X0A

Course Description: This is a second level introductory course in computer science (based on The Beauty and Joy of Computing) builds on the foundation of Computer Science Principles I. This course offers a more in depth examination of the "big CS ideas" including a broad range of foundational topics such as programming, algorithms, the internet, big data, digital privacy and security, and the societal impacts of computing. Emphasis is placed on problem-solving, communication, creativity, and exploring the impacts of computing on how we think, communicate, work, and play. Students will extend their programming skills to include more complex constructs including objects and data abstraction. As an option, performance tasks may be included to obtain AP credit.

0A027X0AP AP Computer Science Principles (Spring)

Credit: 1(extra GPA Pts)

Grade Level: 10-12

Prerequisite: None, however, basic computer science course recommended

Course Description: Computer Science Principles is a rigorous, advanced placement level course intended to familiarize students with the general concepts and thinking practices of computing, computer science, and information science. Students will learn computing concepts through authentic visual and interactive projects using the BYOB/SNAP, GameMaker and AppInventor visual programming languages. Students will focus on the "big CS ideas" in creative ways that emphasize conceptual knowledge and thinking practices rather than on programming alone. The big ideas in CSP include computing as a creative activity, abstraction, facilitating knowledge creation through computing, algorithms, problem-solving, the Internet, and the global impact of computing. Emphasis is placed on problem-solving, communication, creativity, and exploring the impacts of computing on how we think, communicate, work, and play. Art, English language arts, and mathematical concepts are reinforced. Work-based learning strategies appropriate for this course include entrepreneurship, mentorship, service learning, and job shadowing. Apprenticeship and cooperative education are not available for this course. Future Business Leaders of America (FBLA) competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

96105X0CS Advanced Computer Science (Fall)

Credit: 1(extra GPA Pts)

2A027X0AP AP Computer Science (Spring)

Credit: 1(extra GPA Pts)

Grade Level: 10-12

Prerequisite: None, however, recommended 0A02

Can count as 1 full math credit

Course Description: This is a year-long course that requires a 90-minute daily class amount of time. Also, students need to spend time working at home a minimum of 30 minutes daily on the readings, class discussions, assignments, and tests. This AP Computer Science course is an introductory course in computer science. Because the development of computer programs to solve problems is a skill fundamental to the study of computer science, a large part of the course

is built around the development of computer programs or parts of programs that correctly solve a given problem. The course also emphasizes the design issues that make programs understandable, adaptable, and, when appropriate, reusable. At the same time, the development of useful computer programs and classes is used as a context for introducing other important concepts in computer science, including the development and analysis of algorithms, the development and use of fundamental data structures, and the study of standard algorithms and typical applications. Computer Science emphasizes object-oriented programming methodology with an emphasis on problem solving and algorithm development and is meant to be the equivalent of a first-semester course in computer science. It also includes the study of data structures and abstraction. For more information on the content covered by the AP course and exam, please visit: <http://www.collegeboard.org/ap/students/compsci/index.html>

This class is available to any student who has completed Math 1 and is interested in learning to program at the college level. Although it is not required, it is highly recommended to complete an introductory programming course prior to this course. This is a college level class and will move at a considerably faster pace than the typical high school class. Students should be prepared to complete outside readings and spend many hours on the computer. You must be willing to share and help classmates throughout this class with their programming assignments. The instructor will monitor the support given to students and will intervene only when necessary.

BN312X0A Network Security I

Credit: 1

Grade Level: 10-12

Prerequisite: None

Course Description: This course is designed to provide students with a solid foundation in Network Security. The experience includes students focusing on threats, attacks and vulnerabilities, technologies and tools, and architecture and design. English language arts, mathematics, science, and social studies are reinforced.

BN325X0H Network Security II Honors

Credit: 1 (Extra Quality Pt)

Grade Level: 10-12

Prerequisite: BN312X0A

Course Description: This course is designed to prepare students with the skills and knowledge to install, configure, and troubleshoot computer networks. The experience includes students focusing on the identifying and accessing management, risk management, and cryptography and PKI. English language arts, mathematics, science, and social studies are reinforced.

BF212X0A Financial Planning 1

Credit: 1

BF215X0A Financial Planning 1 Honors

Credit: 1 (extra Quality Pt)

Grade Level: 10-12

Prerequisite: BF102X0A

Course Description: This course is designed to cover key strategies for wealth building as students learn to evaluate businesses for investment opportunities while incorporating current headlines and trends, financial resources, and stock market simulation. Also students will develop techniques to enhance personal wealth building for a secure financial future. Current technology will be used to acquire information and to complete activities. Throughout the course, students are presented ethical dilemmas and problem-solving situations for which they must apply academic, team-building and critical-thinking skills.

BF222X0A *Financial Planning 2

Credit: 1

BF225X0A *Financial Planning 2 Honors

Credit: 1 (extra Quality Pt)

Grade Level: 10-12

Course Description: Students will further develop the fundamental knowledge and skills acquired in Wealth Building to create a business financial plan; including loans, insurance, taxes, corporate governance, and explore the various risks and returns associated with business activities. Emphasis will be placed on analyzing ethical situations in various aspects of finance in local, national and global business environments. Current technology will be used to acquire information

and to complete activities. Throughout the course, students are presented ethical dilemmas and problem-solving situations for which they must apply academic, team-building and critical-thinking skills.

BF102X0A	Principles of Business & Finance	Credit: 1
BF105X0H	Principles of Business & Finance Honors	Credit: 1 (Extra Quality Pt)
Grade Level: 10-12		

Course Description: This course introduces students to topics related to business, finance, management, and marketing to cover business in the global economy, functions of business organization and management, marketing basics, and significance of business financial and risk management. English language arts, social studies, and mathematics are reinforced.

BA102X0ONL	Accounting I Online (ISS)	Credit: 1
BA105X0AH	Accounting I Honors	Credit: 1 (Extra Quality Pt)
BA105X0ONL	Accounting I Honors Online (ISS)	Credit: 1 (Extra Quality Pt)
Grade Level: 10-12		

Course Description: This course is designed to help students understand the basic principles of the accounting cycle. Emphasis is placed on analyzing and recording of business transactions, preparation and interpretation of financial statements, accounting systems, banking and payroll activities, basic types of business ownership, and an accounting career orientation. Mathematical skills and critical thinking are reinforced. Work-based learning strategies appropriate to this course are school-based enterprises, internships, cooperative education, and apprenticeship. Simulations, projects, teamwork, and FBLA leadership activities, meetings, conferences and competitions provide opportunities for application of instructional competencies.

BA205X0AH	*Accounting II Honors	Credit: 1 (Extra Quality Pt)
BA205X0ONL	Accounting II Honors Online	Credit: 1(extra quality pt)
Grade Level: 10-12		
Prerequisite: Accounting I		

Course Description: This course is designed to provide students with an opportunity to develop in-depth knowledge of accounting procedures and techniques utilized in solving business problems and making financial decisions. Emphasis includes partnership accounting; adjustments and inventory control systems; budgetary control systems; cost accounting; and further enhancement of employment skills. Mathematics skills and critical thinking are reinforced. Work-based learning strategies appropriate to this course are school-based enterprises, internships, cooperative education, and apprenticeship. Simulations, projects, teamwork, and FBLA leadership activities, meetings, conferences and competitions provide opportunities for application of instructional competencies.

BD125X0VPS	e-Commerce I NCVPS	Credit: 1 (Extra Quality Pt)
BD145X0VPS	*e-Commerce II NCVPS	Credit: 1 (Extra Quality Pt)
BP102X0CP	Computer Programming I NCVPS	Credit 1

BB302X0A	*Business Law	Credit: 1
BB302X0ONL	*Business Law Online (ISS)	Credit: 1
BB305X0BLH	*Business Law Honors (LNHS,SIHS,SHS only)	Credit: 1 (Extra Quality Pt)
Grade Level: 11-12		

Course Description: This course is designed to acquaint students with the basic legal principles common to business and personal activities. Topics include consumer concepts to assist students when evaluating contracts, purchasing with credit, purchasing appropriate insurance, and renting and owning real estate. Business concepts such as contracting, ethics, starting a business, hiring employees, managing employees, or representing other businesses as employees or contractors are included. Skills in critical thinking are reinforced in this course along with oral and written communication skills. Work-based learning strategies appropriate for this course are field trips and job shadowing. Simulations, projects,

teamwork, and FBLA leadership activities, meetings, conferences, and competitions provide opportunities for application of instructional competencies.

BB402X0BM Business Management 1 Credit: 1

Grade Level: 10-12

Prerequisite: BF10 Principles of Business and Finance

Course Description: This course is designed to introduce students to core management concepts. The experience includes how managers plan, organize, staff, and direct the business's resources that enhance the effectiveness of the decision-making process. Also the experience includes students working through ethical dilemmas and problem-solving situations with customer service while academic and critical-thinking skills. English language arts is reinforced.

BB422X0BM *Business Management 2 Credit: 1

Grade Level: 10-12

Course Description: This course is designed to enable students to acquire, understand, and appreciate the significance of management to business organizations. Understanding how managers control financial resources, inventory, ensure employee safety, and protect customer data enhances the effectiveness of their decision making. Students will work through ethical dilemmas, practice problem solving, and enhance their teamwork skills. English language arts and mathematics are reinforced.

CS112X0A Project Management 1 Credit: 1

CS115X0A Project Management 1 Honors Credit: 1 (extra Quality Pt)

Grade Level: 11-12

Course Description: This course will introduce students to the principles, concepts and software applications used in the management of projects. Through project based learning, students will understand how to use the framework of initiating, planning, executing, monitoring, and controlling and closing a project in authentic situations.

CS122X0A *Project Management 2 Credit: 1

Grade Level: 11-12

Prerequisite: CS11

Course Description: This project-based course focuses on the use of information technology to increase the effectiveness and efficiency of project management and integrated enterprise. Students will learn operational strategies for managing advanced technology and innovation as well as how to map the high technology operations environment to business settings. Art, English language arts, and mathematics are reinforced.

WB132X0BMA Business Advanced Studies Credit: 1

Grade Level: 12

Prerequisite: Two technical credits in Business and Information Technology Education in grades 9-12

Marketing Education

* Denotes Second Level (Advanced) Courses

MM512X0A Marketing Credit: 1

Grade Level: 10-12

Course Description: This course is designed to help students develop basic knowledge, skills, and attitudes that will prepare them to enter the field of marketing. The course, which focuses on the National Curriculum Framework and National Marketing Education Standards, emphasizes the foundations of business, management, and entrepreneurship; economics; professional development; and communication and interpersonal skills. Included in these foundations are concepts such as distribution, financing, selling, pricing, promotion, marketing-information management, and product/service management. Skills in communications, mathematics, and psychology are reinforced in this course.

Work-based learning strategies appropriate for this course include job shadowing, paid/unpaid internships, school-based enterprises, field trips, and/or cooperative education. Marketing simulations, projects, teamwork, and DECA activities, meetings, conferences, and competitions provide many opportunities for application of instructional competencies.

MA522X0A *Marketing Applications Credit: 1
 Grade Level: 11-12
 Prerequisite: Marketing

Course Description: This course is designed to continue the foundations covered in 6621 Marketing. Topics of study include recruiting, hiring, training, and evaluating employees; information management; purchasing; pricing; ethics; sales management; and financing. Skills in math, human relations, communications, and technical writing are reinforced in this course. Work-based learning strategies appropriate for this course include school-based enterprises, cooperative education, paid/unpaid internships, and apprenticeships. Marketing simulations, projects, teamwork, and DECA activities, meetings, conferences, and competitions provide many opportunities for application of instructional competencies.

MH422X0A *Hospitality and Tourism Credit: 1
 Grade Level: 11-12
 Prerequisite: MM51, MH31 or BF10

Course Description: In this course, students acquire understanding of the economic impact and marketing strategies for hospitality and tourism destinations. Emphasis is on destination complexity, customer relations, economics, legal and ethical responsibilities, safety and security, and tourism promotion. English, language arts, mathematics, social studies and technology are reinforced.

ME112X0A Entrepreneurship 1 Credit: 1
 ME115X0H Entrepreneurship 1 Honors Credit: 1 (Extra Quality Pt)
 Grade Level: 10-12

Recommended: Marketing, Personal Finance, or Principles of Business and Finance

Course Description: This course introduces students to the rewards and risks of owning or operating a business enterprise. Emphasis is placed on the mastery of skills needed to plan, organize, manage, and finance a small business. Skills in communication, technical writing, mathematics, research, and problem-solving are reinforced as each student prepares his/her own business plan. Work-based learning strategies appropriate for this course include cooperative education and paid/unpaid internships. Simulations, projects, teamwork, and FBLA leadership activities, meetings, conferences, and competitions provide opportunities for application of instructional competencies.

ME125X0H *Entrepreneurship 2 Honors Credit: 1(Extra Quality Pt)
 Grade Level: 11-12
 Prerequisite: ME11 Entrepreneurship I

In this course, students develop an understanding of pertinent decisions to be made after obtaining financing to open a small business. Students acquire in-depth understanding of business regulations, risks, management, and marketing. Students develop a small-business management handbook. English language arts and social studies are reinforced.

MH312X0A Sports and Entertainment Marketing I Credit: 1
 MH312X0ONL Sports and Entertainment Marketing I Online (ISS) Credit: 1
 MH315X0H Sports and Entertainment Marketing I Honors Credit: 1(Extra Quality Pt)
 Grade Level: 10-12

Course Description: This course is designed for students interested in sports, entertainment, and event marketing. Emphasis is placed on the following principles as they apply to the industry: branding, licensing, and naming rights; business foundation; concessions and on-site merchandising; economic foundation; promotion; safety and security; and human relations. Skills in communications, human relations, psychology, and mathematics are reinforced in this course. Work-based learning strategies appropriate for this course include cooperative education paid/unpaid internships, and

school-based enterprises. Marketing simulations, projects, teamwork, and DECA leadership activities, meetings, conferences, and competitions provide opportunities for application of instructional competencies.

MH325X0H *Sports and Entertainment Marketing II Honors Credit: 1 (Extra Quality Pt)

Grade Level: 10-12

Prerequisite: Sports and Entertainment Marketing I

Course Description: This course is designed for students interested in an advanced study of sports, entertainment, and event marketing. Emphasis is placed on the following principles as they apply to the industry: business management, career development options, client relations, ethics, events management, facilities management, legal issues and contracts, promotion, and sponsorships. Skills in communications, human relations, mathematics, psychology, and technical writing are reinforced in this course. Work-based learning strategies appropriate for this course include cooperative education paid/unpaid internships, and school-based enterprises. Marketing simulations, projects, teamwork, and DECA leadership activities, meetings, conferences, and competitions provide opportunities for application of instructional competencies.

WB332X0HSP Marketing Advanced Studies

Credit: 1

Grade Level: 12

Prerequisite: Three credits in Marketing Education including a second level course

Course Description: This culminating course is for seniors who are career-focused in a health or medical career. The three parts of the course include a research paper, a product, and a presentation. Students demonstrate their abilities to use content and apply knowledge to real-world situations in a selected career. In addition, they will also demonstrate their abilities to write, speak, apply knowledge, problem solve, and use life skills such as time management and organization. Students work under the guidance of a teacher-facilitator in collaboration with community members, business representatives, and other school-based personnel. DECA membership provides avenues for applying leadership skills, reinforcing writing and speaking skills, and participating in volunteer activities.

Health Science Education

* Denotes Second Level (Advanced) Courses

HB112X0A Biomedical Technology I

Credit: 1

Grade Level: 10-12

Prerequisite: Health Science I

Course Description: This survey course is designed to encourage potential health care workers to investigate current and 21st century medical and health care practices using computer technology, multimedia, and visiting health care professionals. Topics include terminology, technology, math, biomedical research, ethics and legal principles, infectious diseases, forensic medicine, cell biology and cancer, biomedical research, organ transplants, and career decision-making. Work-based learning strategies include service learning, field trips, and job shadowing. Basic academic skills, employability skills, critical thinking skills, and teamwork are reinforced in this course. HOSA leadership activities provide many opportunities for practical application of instructional competencies.

HU102X0HS Foundations of Health Science

Credit: 1

Grade Level: 9-10

Course Description: This course is designed to assist potential health care workers in their role and function as health team members. Topics include terminology, the history of health care, health care agencies, ethics, legal responsibilities, careers, holistic health, human needs, change, cultural awareness, communication, medical math, leadership, and career decision-making. Work-based learning strategies include service learning, field trips, and job shadowing. Basic academic skills, employability skills, critical thinking skills, teamwork, and the use of technology are reinforced in this course. HOSA leadership activities provide many opportunities for practical application of instructional competencies.

HU402X0A	Health Science I	Credit: 1
HU405X0H	Health Science I Honors	Credit: 1(Extra Quality Pt)
Grade Level:	Preferably 10th grade	
Prerequisite:	None	

Course Description: This course focuses on human anatomy, physiology and human body diseases and disorders, and biomedical therapies. Students will learn about health care careers within the context of human body systems. Projects, teamwork, and demonstrations serve as instructional strategies that reinforce the curriculum content. English language arts and science are reinforced in this course.

HU422X0A	*Health Science II	Credit: 1
HU425X0HSH	*Health Science II Honors	Credit: 1 (Extra Quality Pt)
Grade Level:	10-12	
Note:	11th grade if taking Nursing Fundamentals in 12th grade	
Prerequisite:	Health Science I	

Course Description: This course is designed to help students expand their understanding of financing and trends of health care agencies, fundamentals of wellness, legal and ethical issues, concepts of teamwork, and effective communication. Students will learn health care skills, including current CPR and first aid training. English language arts and science are reinforced in this course. Work-based learning strategies appropriate for this course include internship, mentorship, service learning, and job shadowing. Health Occupations Students of America (HOSA) competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

HN435X0NF	Nursing Fundamentals and Practicum	Credit: 2
HN425X0A	Nursing Fundamentals and Non Practicum	Credit: 2
Location:	Career Academy and Technical School (CATS) & SHS	
Grade Level:	11-12	
Prerequisite:	Health Science II, application process (online CATS website)	

Course Description: This course is designed for students interested in medical careers where personal care and basic nursing skills are used. This course is an enhanced adaptation of the North Carolina Division of Health Service Regulation (DHSR) Nurse Aide I (NAI) curriculum and helps prepare students for the National Nurse Aide Assessment (NNAAP). Students who pass the NNAAP become listed on the NC NAI Registry. English language arts, mathematics, and science are reinforced. Work-based learning strategies appropriate for this course include a required clinical internship in a long-term care agency. Healthcare agencies may require testing for tuberculosis and/or other diseases and a criminal record check for felonies related to drugs.

*Enrollment is limited per North Carolina Board of Nursing (BON) Administrative Rule 21 NCAC 36.0318(i), which requires the ratio of teacher to nurse aide students be 1:10 or less while in the clinical area. DHSR applies BON Rule to the classroom training area.

*Absences over 12 hours, student will be reassigned to alternative NF class and will not be eligible to take CNA test at CATS

WB292X0HLT	Health Science Advanced Studies	Credit: 1
Grade Level:	12	
Prerequisite:	Two credits in Health Occupational Education including Health Science I and II	

Family and Consumer Sciences Education

* Denotes Second Level (Advanced) Courses

FE215X0A Teaching as a Profession I

Credit: 1 (Extra Quality Pt)

Maximum Enrollment: 20

Prerequisite: 11/12 Grade

Course Description: Application Aligned Career Technical Student Organization: Family, Career and Community Leaders of America (FCCLA) This honors level course is designed to encourage students who possess a high level of academic achievement and those personality traits found in good teachers, to consider teaching as a career. Students are exposed to the many facets of education through class discussion, observation and participation in public school classrooms. Students will examine their aptitudes for teaching, learner needs and development, including students with exceptionalities, and the history, trends, and governance of education. English/language arts, social studies, mathematics, science, technology, and interpersonal relationships are reinforced.

FE225X0A Teaching as a Profession II

Credit: 2 (Extra Quality Pt)

Maximum Enrollment: 20

Hours of Instruction: 270 (block) 300 (regular)

Prerequisite: Teaching as a Profession I

Course Description: Aligned Career Technical Student Organization: Family, Career and Community Leaders of America (FCCLA) This honors level course is designed to encourage students who possess a high level of academic achievement and those personality traits found in good teachers, to consider teaching as a career. Students are exposed to the many facets of education through class discussion, observation and participation in public school classrooms. Students will apply concepts through an embedded internship experience with a cooperating teacher as they design, deliver, and reflect on their instruction. Students also investigate certification, employment, ethics, and professionalism in education. English/language arts, social studies, mathematics, science, technology, and interpersonal relationships are reinforced.

FC132X0A Counseling & Mental Health 1

Credit: 1

Grade Level: 9-11

Prerequisite: None

Course Description: This course is designed to introduce students to the counseling and mental health field through understanding how to create healthy, respectful, and caring relationships across the life span. Emphasis is placed on understanding mental health, family and friend dynamics, effective communication, and healthy intrapersonal and interpersonal relationships. English/language arts, social studies, and technology are reinforced. Family, Career and Community Leaders of America (FCCLA) competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

- Understand Personal Development Management
- Understand Strategies to Manage Interpersonal Relationships
- Understand the Family Life Cycle
- Understand Career Literacy Skills

FC142X0A Counseling & Mental Health 2

Credit: 1

Grade Level: 10-12

Prerequisite: FC 13, Counseling & Mental Health 1

Course Description: Students in this course will gain a deeper understanding for the counseling and mental health field and factors that affect mental health. Emphasis is placed on understanding the human brain and psyche, theories of development, mental disorders, treatment options, and teen violence issues. Activities engage students in exploring various counseling and mental health careers, while building essential life literacy skills they can apply in their own lives to achieve optimal wellbeing. English/language arts, social studies, science, technology, interpersonal relationships are reinforced. Work-based learning strategies appropriate for this course include service learning and job shadowing. Family, Career and Community Leaders of America (FCCLA) competitive events, community service, and leadership

activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

- Understand the counseling and mental health field
- Understand how the human brain functions
- Remember mental health theories and treatments
- Understand mental disorders
- Understand issues related to teen violence

FC112X0FHS Principles of Family and Human Services

Credit: 1

Grade Level: 9-12

Students learn core functions of the human services field; individual, family, and community systems; and life literacy skills for human development. Emphasis is placed on professional skills, human ecology, diversity, analyzing community issues, and life management skills. Activities engage students in exploring various helping professions, while building essential life skills they can apply in their own lives to achieve optimal wellbeing. English/language arts, social studies, mathematics, science, technology, interpersonal relationships are reinforced. Work-based learning strategies appropriate for this course include service learning and job shadowing. Family, Career and Community Leaders of America (FCCLA) competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences. *For safety and sanitation reasons, enrollment should not exceed 20 in this course.

FN412X0A Food and Nutrition 1

Credit: 1

Grade Level: 10-12

Course Description: This course examines nutritional needs of the individual. Emphasis is placed on the relationship of diet to health, kitchen safety, and food preparation. Skills in science and mathematics are reinforced in this course. Work-based learning strategies appropriate for this course are field trips and service learning. Skill development and FCCLA leadership activities provide the opportunity to apply instructional competencies and workplace readiness skills to authentic experiences.

*For safety and sanitation reasons, enrollment is not to exceed 25 in this course.

FN422X0A *Food and Nutrition 2

Credit: 1

Grade Level: 10-12

Prerequisite: Foods I

Course Description: This course focuses on advanced food preparation techniques while applying nutrition, food science, and test kitchen concepts using new technology. Food safety and sanitation receive special emphasis, with students taking the exam for a nationally recognized food safety credential. Students develop skills in preparing foods such as knife skills, garnishes, plating, yeast breads, and cake fillings and frostings. A real or simulated in-school food business component allows students to apply instructional strategies. English language arts, mathematics, and science are reinforced. Work-based learning strategies appropriate for this course include school-based enterprise, service learning, and job shadowing. (FCCLA) competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

*For safety and sanitation reasons, enrollment is not to exceed 25 in this course.

Go to <http://www.servsafe.com/> for information on the student credentialing program and testing information.

FN435X0A *Food Science and Technology Honors

Credit: 1 (Extra GPA Pt)

Grade Level: 11-12

Prerequisite: Foods I OR Culinary Arts and Hospitality I OR Environmental Science OR Physical Science OR Biology OR Chemistry

Description: This course explores the food industry from the farm to the table using skills in food science, technology, engineering, and mathematics. Government regulations, emerging trends, biotechnology, and technological career opportunities from scientists to technicians will be presented. The student examines production, processing, preparation, preservation, and packaging principles along the farm to table continuum. The student begins to understand how food technology affects the food that he/she eats. English language arts are reinforced. Work-based learning strategies appropriate for this course include apprenticeship, cooperative education, school-based enterprise, service learning, and job shadowing. Family, Career and Community Leaders of America (FCCLA) competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences. *For safety and sanitation reasons, enrollment should not exceed 20 in this course

FH102X0A Culinary Arts & Hospitality 1

Credit: 1

Paired with FH11 - CATS

Grade Level 11-12

Course Description: This course is designed to introduce students to the hospitality and food service industry by learning about components of professional practice and building basic knowledge and skills in food preparation, garde manger, baking, and food service operations. The introduction includes students learning food safety, breakfast cookery, salads and sandwiches, quick breads and cookies, and dining room service. Art, English language arts, mathematics, science, and social studies are reinforced.

FH112X0A Culinary Arts & Hospitality 2 Applications

Credit: 1

Paired with FH10 - CATS

Grade Level 11-12

Course Description: This course is designed for students to demonstrate their knowledge and skills in basic food preparation, garde manger, baking and food service operations by planning and executing the program's school-based enterprise. The experience includes students preparing and selling breakfast items, salads and sandwiches, and quick breads and cookies while applying safety, sanitation, and guest service skills. Arts, English and language arts, mathematics, science, social studies, and are reinforced.

FH132X0A *Culinary Arts & Hospitality 3

Credit: 1

Paired with FH14 - CATS

Prerequisite: FH14

Grade Level 11-12

Course Description: The course is designed for students to further develop their knowledge and skills through learning about advanced food preparation, garde manger, baking and pastry, and food service operations. The experience includes students learning cooking techniques, food preservation, yeast breads and pastries preparation, human relations management, menu planning, and food service purchasing and receiving. Arts, English and language arts, mathematics, science, and social studies are reinforced.

FH142X0A Culinary Arts & Hospitality 4 Applications

Credit: 1

Paired with FH13 - CATS

Prerequisite: FH13

Grade Level 11-12

Course Description: This course is designed for students to demonstrate their knowledge and skills in advanced food preparation, grade manger, baking and pastry, and food service operations by planning and executing the program's school-based enterprise. The experience includes students preparing and selling a variety of meat, poultry, and seafood entrées served with accompaniments and sauces and yeast breads, desserts, and pastries, while applying human relations management, menu planning, and food service purchasing and receiving. Arts, English and language arts, mathematics, science, and social studies are reinforced.

FI512X0ID Interior Design I

Credit: 1

Grade Level: 10-12

Course Description: This course engages students in exploring various interior design professions, while building the content knowledge and technical skills necessary to provide a foundational knowledge of the design industry. Emphasis is placed on design thinking and utilization of the interior design process; human, environmental and behavioral factors; color theory, elements and principles of design; hand sketching/digital design techniques, space planning, selection of products and materials for residential interiors; client relationship building and design communication techniques. English/language arts, mathematics, science, art, and technology are reinforced.

FI522X0A Interior Design II

Credit: 1

Grade Level: 11-12

Prerequisite: Interior Design I

Course Description: This course prepares students for entry-level and technical work opportunities in the residential and non-residential interior design fields. Students deepen their understanding of design fundamentals and theory by designing interior plans to meet living space needs of specific individuals or families. Topics include application of design theory to interior plans and production, selection of materials, and examination of business procedures. Art and mathematics are reinforced. Work-based learning strategies appropriate for this course include cooperative education, entrepreneurship, internship, mentorship, school-based enterprise, service learning, and job shadowing. Apprenticeship is not available for this course. Family, Career and Community Leaders of America (FCCLA) competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

FE602X0A Child Development

Credit: 1

Grade Level: 9-12

Course Description: This course introduces students to responsible nurturing and basic applications of child development theory with children from infancy through age six. Areas of study include parenthood decisions, child care issues, prenatal development and care, and development and care of infants, toddlers, and children three through six. Emphasis is on responsibilities of parents, readiness for parenting, and the influence parents have on children while providing care and guidance. Art, English language arts, and science are reinforced

Trade and Industrial Education

* Denotes Second Level (Advanced) Courses

II312X0A Adobe Visual Design

Credit: 1

II315X0A Adobe Visual Design Honors

Credit: 1 (Extra Quality Pt)

Grade Level: 10-12

Prerequisite: None

This course is a project-based course that develops ICT, career, and communication skills in print and graphic design using Adobe tools. This course is aligned to Adobe Photoshop, Adobe In-design, and Adobe Illustrator certifications. English language arts are reinforced. Work-based learning strategies appropriate for this course include job shadowing. Apprenticeship and cooperative education are possible for this course. SkillsUSA competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

II332X0A *Adobe Video Design

Credit: 1

II335X0A *Adobe Video Design Honors

Credit: 1 (Extra Quality Pt)

Grade Level: 11-12

Prerequisite: Adobe Visual Design

Description: This course is a project-based video course that develops career and communication skills in video production using Adobe tools. This course is aligned to Adobe Premiere certification. English language arts are reinforced. Work-based learning strategies appropriate for this course include job shadowing. Apprenticeship and cooperative education are possible for this course. SkillsUSA competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

TE112X0TE Technology Engineering and Design

Credit: 1

Grade Level: 9-12

Course Description: This course focuses on the nature and core concepts of technology, engineering, and design. Through engaging activities and hands-on project-based activities, students are introduced to the following concepts: elements and principles of design, basic engineering, problem solving, and teaming. Students apply research and development skills and produce physical and virtual models. Activities are structured to integrate physical and social sciences, mathematics, English language arts, and art. Work-based learning strategies appropriate for this course include mentorship, school-based enterprise, service learning, and job shadowing. Apprenticeship and cooperative education are not available for this course. Technology Student Association (TSA) competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

TE132X0A *Engineering Design

Credit: 1

Prerequisite: TE11

Grade Level: 10-12

This course continues to apply the skills, concepts, and principles of design. The design fields of graphics, industrial design, and architecture receive major emphasis. Engineering content and professional practices are presented through practical application. Working in design teams, students apply technology, science, and mathematics concepts and skills to solve engineering and design problems. Students research, develop, test, and analyze engineering designs using criteria such as design effectiveness, public safety, human factors, and ethics. Art, English language arts, mathematics and science are reinforced. Work-based learning strategies appropriate for this course include mentorship, school-based enterprise, service learning, and job shadowing. Apprenticeship and cooperative education are not available for this course. Technology Student Association (TSA) competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

IK282X0A Introduction to Transportation Technology

Credit: 1

Grade Level: 10-11

Prerequisite: Completed or concurrent enrollment in Math I

Course Description: This is the introductory course for students interested in a career in the automotive or transportation technology field. This course introduces basic industry knowledge, employment skills, and operational aspects of the modern automobile. Topics covered include gas and diesel engines, drivetrains, brake system, steering and suspension systems, basic electricity and electronics, and general vehicle maintenance. Skills in mathematics, science, problem solving, and leadership are reinforced in this class. This is the required preparatory class for students planning to take advanced classes at the Automotive and Technology Center located at CATS. There is no lab with this class.

IL042X0B **Basic Transportation System combined with IT112X0IA** **Credit: 1**

Location: Career Academy and Technical School (CATS)

Grade Level: 11-12

Prerequisite: Introduction to Transportation Technology

Course Description: This is the first of four pairs (class and lab) in the series of Transportation Technology course offerings. This course introduces the students to the basic information and skills for transportation related fields.

Workplace safety, proper tool and equipment operation, data acquisition, testing procedures and environmental issues are stressed in this class. At the conclusion of this course students should be proficient in basic vehicle maintenance.

IT112X0IA **Introduction to Automotive Service** **Credit: 1**

Course MUST be taken with IL042X0B

This course introduces basic automotive skills in Service & Safety, Engine Repair, Automatic Transmissions & Transaxles, Manual Drivetrain and Axles and job opportunities in the auto repair industry. As part of the NATEF accreditation, topics are aligned to the Maintenance and Light Repair (MLR) requirements. English language arts are reinforced. Work-based learning strategies appropriate for this course include job shadowing. Apprenticeship and cooperative education are not available for this course. SkillsUSA competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

IL162X0G ***General Transportation Systems combined with IT162X0A** **Credit: 1**

Location: Career Academy and Technical School (CATS)

Grade Level: 11-12

Prerequisite: Basic Transportation Systems and Basic Transportation Systems Lab

Course Description: The second pair of courses in the Transportation Technology series provides the student with class and lab work in many general areas of skill development for entry level employment in auto repair, auto collision repair, metal working, construction equipment service, motorcycle and marine service as well as other transportation related fields. At the conclusion of this course the student should have knowledge of the different types of employment available in the transportation sector. The student should also be proficient in most general repair operations employers would generally require for employment.

IT162X0A **Automotive Service I** **Credit: 1**

Course MUST be taken with IL162X0G

This course introduces basic automotive skills in Suspension & Steering, Heating & Air Conditioning and Engine Performance. As part of the NATEF accreditation, topics are aligned to the Maintenance and Light Repair (MLR) requirements. English language arts are reinforced. Work-based learning strategies appropriate for this course include apprenticeship, cooperative education, entrepreneurship, internship, and job shadowing. SkillsUSA competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

IK262X0A **Advanced Transportation Systems and Lab** **Credit: 2**

Grade Level: 11-12

Prerequisite: General Transportation Systems and General Transportation Systems Lab

Course Description: The third pair of courses in the Transportation Technology series will teach advanced procedures and skills related to selected transportation service areas. Students may select Automotive Repair, Collision Repair, Motorcycle/Marine Repair, Diesel/Heavy Equipment Repair or another specialized area (as available). Advanced analysis and problem solving are stressed in these classes. Students will learn to work independently, in teams and in leadership positions in "real world" situations during lab. Students will have the opportunity to train for a variety of scholarship skills competitions.

IK0272X0A	Specialized Transportation Systems and Lab	Credit: 2
Grade Level:	11-12	
Prerequisite:	Advanced Transportation Systems and Advanced Transportation Systems Lab	
Course Description:	The fourth pair of courses in the Transportation Technology series will teach advanced knowledge and employment skills in a selected transportation employment area. Students may select Automotive Repair, Collision Repair, Motorcycle/Marine Repair, Diesel/Heavy Equipment Repair or another specialized area (as available). Scholarship competition teams will train and compete during this time. Students may have the opportunity to participate in internships (paid or unpaid) as available. College articulation credits are available for some courses. Articulated college credit is awarded based on selected college requirements.	
IM312X0A	Electronics 1 (Paired with IM32)	Credit: 1
Location:	Career Academy and Technical School (CATS)	
Grade Level:	10-12	
Course Description:	This course covers basic electrical theory and magnetism. Learning objectives include basic electrical safety, the use of electronic equipment, and electronic components. Students will apply procedures used in ohms law and other basic mathematics, understand electronic measurements used in DC Electronics and apply procedures used in series, parallel, and series/parallel circuits.	
IM322X0A	Electronics 2 (Paired with IM32)	Credit: 1
Location:	Career Academy and Technical School (CATS)	
Grade Level:	10-12	
Course Description:	This course covers applications of procedures used in numbering systems and conversions. Students will understand block diagrams—schematics-wiring diagrams. Students will also understand the basics of testing equipment, precise measurements and safety precautions used in digital electronics. Other learning objects include understanding theory of digital logic functions, circuitry and digital computer electronics.	
IC002X0A	Core & Sustainable Construction	Credit: 1
Grade Level:	10-12	
	(AS31 Ag Mech 1 - may count in lieu of this course in some instances)	
Course Description:	This course covers the national Center for Construction Education and Research (NCCER) Core certification modules required for all the NCCER curriculum-area programs, and an additional Green module. The course content includes: basic safety, introduction to construction math, introduction to hand tools, introduction to power tools, introduction to blueprints, material handling, basic communication skills, and basic employability skills, and “Your Role in the Green Environment”. The additional Green module has been added to provide students with instruction in the green environment, green construction practices, and green building rating systems. Also it will help students better understand their personal impacts on the environment and make them more aware of how to reduce their carbon footprint. English Language Arts and Mathematics are reinforced. Students will also learn via hands-on projects involving construction of stud walls for simulation training in electrical wiring, plumbing and weatherization. *Due to potentially hazardous processes and equipment a maximum enrollment of 20 is recommended.	
IC212X0A	Carpentry I	Credit: 1
Location:	Career Academy and Technical School (CATS)	
Grade Level:	11-12	
Prerequisite:	Core & Sustainable Construction	
	***Students must sign up for both IC21 and IC22 (CATS only)	
Course Description:	This course covers basic carpentry terminology and develops technical aspects of carpentry with emphasis on the development of introductory skills to include orientation to the trade, building materials, fasteners, and adhesives, hand and power Tools, reading plans and elevations, introduction to concrete, reinforcing materials, and forms, floor system construction procedures, wall and ceiling framing procedures, and basic stair layout. English language	

arts and mathematics are reinforced. *Due to potentially hazardous processes and equipment a maximum enrollment of 20 is recommended.

IC225X0H Carpentry II Honors Credit: 1 (Extra Quality Pt)
Location: Career Academy and Technical School (CATS)
Grade Level: 11-12
Prerequisite: IC21 Carpentry I

*****Students must sign up for both IC21 and IC22 (CATS only)**

Course Description: This course builds on skills mastered in Carpentry I and provides an emphasis on roof framing procedures, roofing applications, thermal and moisture protection, windows and exterior doors installation, exterior finishing, and the introduction to weatherization module. English language arts and mathematics are reinforced. *Due to potentially hazardous processes and equipment a maximum enrollment of 20 is recommended.

IC115X0H Masonry I Honors Credit: 1 (Extra Quality Pt)
Location: Career Academy and Technical School (CATS)
Grade Level: 10-12

*****Students must sign up for both IC122X0C and IC115X0H (CATS only)**

Course Description: This course covers basic masonry terminology and develops technical aspects of masonry with emphasis on development of introductory skills. This course introduces the nature of masonry technology, materials and supplies, and employability skills. Topics include safety, layout, tools, leveling, and plumbing, use of straight-edge, and jointing brick and block in wall construction. Mathematics and English language arts are reinforced. Work-based learning strategies appropriate for this course include apprenticeship, cooperative education, internship, and job shadowing. This course helps prepare students for National Center for Construction Education and Research (NCCER) certification. SkillsUSA competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

IC122X0C *Masonry II (combined with IC115X0H) Credit: 1
Location: Career Academy and Technical School (CATS)
Grade Level: 10-12
Prerequisite: Masonry I

Course Description: Masonry II builds on skills mastered on Masonry I and provides advanced masonry skills including measurements, drawing and specifications, mortar, masonry units, and installation techniques. Work-based learning strategies appropriate for this course include apprenticeship, internship, and job shadowing. This course helps prepare students for the NCCER certification.

IC135X0H Masonry III Honors Credit: 1 (Extra Quality Pt)
Location: Career Academy and Technical School (CATS)
Grade Level: 10-12
Prerequisite: Masonry II

*****Students must sign up for both IC132X0A and WB05-Advanced Studies (CATS only)**

Course Description: This course builds on skills mastered in Masonry II and provides an emphasis on advanced laying techniques, construction techniques and moisture control procedures, and construction, inspection and quality control processes. Introductory skills for the Crew Leader are also introduced in this course. * Due to potentially hazardous processes and equipment, a maximum enrollment of 20 is recommended.

WB052X0ARC Trade & Industry Advanced Studies

Credit: 1

Grade Level: 12

Prerequisite: Two credits in T&I Education

IC612X0A Drafting I

Credit: 1

Grade Level: 9-12

Prerequisite: Math I

Can Count as 1 Full Math Credit

Course Description: This course introduces students to the use of simple and complex graphic tools used to communicate and understand ideas and concepts found in the areas of architecture, manufacturing, engineering, science, and mathematics. Topics include problem-solving strategies, classical representation methods such as sketching, and geometric construction techniques as well as CAD (computer aided design), orthographic projection, and oblique, isometric and 3-D modeling. Skills in communication, mathematics, science, leadership, and problem solving are reinforced in this course. Job shadowing is an appropriate work-based learning strategy for this course. Hands-on work experiences and SkillsUSA leadership activities provide many opportunities to enhance classroom instruction and career development.

IC625X0H *Drafting - Architectural II Honors

Credit: 1 (Extra Quality Pt)

Grade Level: 10-12

Prerequisite: Drafting I

Can Count as 1 Full Math Credit

Course Description: This course is focused on the principles, concepts, and use of complex graphic tools used in the field of architecture, structural systems, and construction trades. Emphasis is placed on the use of CAD tools in the creation of floor plans, wall sections, and elevation drawings. Mathematics, science, and visual design concepts are reinforced. Work-based learning strategies appropriate for this course are apprenticeship and cooperative education. Hands-on work experiences and SkillsUSA leadership activities provide many opportunities to enhance classroom instruction and career development.

IC635X0H Drafting – Architectural III Honors

Credit: 1 (Extra Quality Pt)

Grade Level: 11-12

Recommended: NC Math 3

Prerequisite: Drafting – Architectural II

Course Description: This course introduces students to advanced architectural design concepts. Emphasis is placed on the use of CAD tools in the design and execution of site and foundation plans as well as topographical information and detail drawings of stairs and wall sections. Teaming and problem-solving skills are reinforced in this course. Work-based learning strategies appropriate for this course are apprenticeships, internships, and cooperative education. Hands-on work experiences and SkillsUSA leadership activities provide many opportunities to enhance classroom instruction and career development.

IV225X0H *Drafting – Engineering II Honors

Credit: 1 (Extra Quality Pt)

Grade Level: 10-12

Prerequisite: Drafting I

Can Count as 1 Full Math Credit

Course Description: This course focuses on engineering graphics related subjects introducing the student to symbol libraries, industry standards, and sectioning techniques. Topics include coordinate systems, principles of machine processes and gearing, and the construction of 3-D wireframe models using CAD. Mathematics, science, and mechanical engineering concepts involving the working principles and design of cams and gears are reinforced in this course. Work-based learning strategies appropriate for this course are apprenticeship, internships, and cooperative education.

Hands-on work experiences and SkillsUSA leadership activities provide many opportunities to enhance classroom instruction and career development.

IV235X0H Drafting - Engineering III Honors

Credit: 1 (Extra Quality Pt)

Grade Level: 11-12

Recommended: NC Math 3

Prerequisite: Drafting – Engineering II

Course Description: This course introduces the student to advanced engineering concepts. Using CAD tools, topics studied include descriptive geometry, geometric tolerancing, and advanced engineering design concepts such as surface and solid modeling. Science and mathematics concepts are reinforced in this course. Work-based learning strategies appropriate for this course are apprenticeship, internships, and cooperative education. Hands-on work experiences and SkillsUSA leadership activities provide many opportunities to enhance classroom instruction and career development.

TL445X0H Introduction to Animation Honors

Credit: 2 (Extra Quality Pt)

Location: Career Academy and Technical Schools (CATS)

Grade Level: 11-12

Prerequisite: Adobe Visual Design II31

Course Description: This course focuses on the fundamentals of animation, from storyboarding, to stop motion, to 3D design. Students will work with industry standard software such as Adobe Animate and Adobe After Effects.

IL985X0A Broadcast Journalism - Honors

Credit: 2 (Extra Quality Pt)

Location: Career Academy and Technical Schools (CATS)

Grade Level: 11-12

Prerequisite: Adobe Courses II31 and/or II33

Course Description: This honors level course for juniors and seniors focuses on the methods and techniques for reporting, producing, and delivering news and news programs through the internet, television, and mobile media. This class will prepare students for higher education to be professional broadcast journalists, editors, producers, and directors. Course will include instruction in the principles of broadcast technology, broadcast reporting, video editing, news directing, television production, and professional standards and ethics. Students will work together under the guidance of a teacher/mentor as they report on events throughout Iredell County, and combine their work into a weekly news broadcast. Emphasis is placed on students demonstrating their abilities to use content and apply knowledge to real world situations, enhancing their skills in leadership, communication, writing, speaking, problem solving, and conflict resolution.

IK155X0A Photography/Film Production Honors

Credit: 2 (Extra Quality Pt)

Location: Career Academy and Technical School (CATS)

Grade Level: 11-12 (by application)

Prerequisites: Adobe Courses II31 and / or II33

Course Description: This double block, semester-long honors course for juniors and seniors will cover advanced practices in both Photography and Digital Film Production. As many of the concepts are intertwined, these two subjects are extremely complimentary.

The Photography portion will take the advanced student photographer to the next level, aiding them in developing a professional portfolio consisting of work with real-world clients. Basic concepts of image composition and image manipulation will be reviewed, as students learn to look critically at their work and view the photograph as a full story within the image. Projects will focus on portraiture, advertising, photojournalism, and nature photography.

Digital Film Production will take the aspiring director to the next level, focusing on the entire production process. From concept development to client meetings; budgeting to wardrobe design; shooting and editing; and finally distribution, students will be engaged in learning the responsibilities of every major position on a film set. Working as a team,

students will create full-length productions such as a music video for a local band, commercials for local businesses, and short film for festival entry.

This course will prepare each student for an easy transition into college, trade schools or directly into the field.

Networking and job shadowing opportunities will be available for students to begin building their bank of mentors.

IP112X0PS Intro to Public Safety

Credit: 1

Grade Level: 9-10

Course Description: This course provides basic career information in public safety including corrections, emergency and fire management, security and protection, law enforcement, and legal services. Emphasis will be placed on Fire Science Technology. Additionally students will develop a personal plan for a career in public safety or fire science. The course includes skills in each area, using resources from the community to help deliver instruction to the students. English language arts are reinforced.

IP312X0A Firefighter Technology I

Credit: 1

Location: Career Academy and Technical School (CATS)

Grade Level: 11-12

Prerequisites: Students must register for Fire Fighter Technology I & II due to location.

Course Description: This course covers part of the NC Firefighter I/II combination certification modules required for all firefighters in North Carolina. The modules include: Fire Department Orientation and Safety; Fire Prevention, Education, and Cause; Fire Alarms and Communications; Fire Behavior; Personal Protective Equipment; Portable Fire Extinguishers; and Fire Hose, Streams, and Appliances. English language arts are reinforced. Work-based learning strategies appropriate for this course including job shadowing. Apprenticeship and cooperative education are not available for this course. This course prepares students for the North Carolina Firefighter I/II certification modules. SkillsUSA competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

IP322X0A *Firefighter Technology II

Credit: 1

Grade Level: 11-12

Location: Career Academy and Technical School (CATS)

Prerequisites: Students must register for Fire Fighter Technology I & II due to location.

Course Description: This course covers additional NC Firefighter I/II combination certification modules required for all firefighters in North Carolina. The modules include: Ropes; Ladders; Forcible Entry; Ventilation; Water Supply; Sprinklers; and Foam Fire Stream. English language arts are reinforced. Work-based learning strategies appropriate for this course including job shadowing. Apprenticeship and cooperative education are not available for this course. This course prepares students for the North Carolina FireFighter I/II certification modules. SkillsUSA competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

IP335X0H Firefighter Technology III Honors

Credit: 2 (Extra Quality Pt)

Grade Level: 11-12

Location: Career Academy and Technical School (CATS)

Prerequisites: Firefighter Technology II

Course Description: In this course, students select one specific occupation in the Career Cluster and conduct research to include the nature of the work, work environment, training, education, and advancement, and job prospects.

Work-based learning strategies appropriate for this course include job shadowing and internship. Apprenticeship and cooperative training are not available for this course. SkillsUSA competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

IM412X0A *Metals Manufacturing Technology 1

Credits: 1

Grade Level: 11-12

Location: Career Academy and Technical School (CATS)

Student Must take IM422X0A

Course Description: This course introduces various processes and job opportunities in manufacturing with emphasis on machining metal parts. Topics include safety, math, measurement, blueprint reading, layout, bench work, sawing, drilling, turning, and milling. Mathematics and English language arts are reinforced. * Due to potentially hazardous processes and equipment, a maximum enrollment of 20 is recommended.

IM422X0A *Metals Manufacturing Technology 2

Credits: 1

Grade Level: 11-12

Location: Career Academy and Technical School (CATS)

Student Must take IM412X0A

Course Description: This course provides advanced instruction in manufacturing and introduces computer-assisted drafting/manufacturing and numerical control processes. Topics include safety, environmental protection, quality control, metallurgy, materials, layout, assembly, sawing, turning, milling, grinding, computer numerical control, computer-aided manufacturing, welding, and maintenance. English language arts and mathematics are reinforced.

* Due to potentially hazardous processes and equipment, a maximum enrollment of 20 is recommended.

CTE Internship (Course number pending)

Credit: 1

Grade Level: 11-12

Prerequisite: Students should have completed or be enrolled in a second level course in their chosen CTE Cluster in which he/she wishes to intern. Application required, contact your Counselor or Career Development Coordinator.

Course Description: To receive 1 unit of credit the student must intern a minimum of 135 hours. Internships can be offered 1st or 4th block, after school or in the summer. Internships can be paid or unpaid depending on the employer and/or job. The student is required to submit a timesheet and daily journal. This program is designed to help students to reflect on their experience in order to make more informed decisions about future career paths.

CTE Apprenticeship courses all have an honors weight option (one for each of the 16 clusters: AGNR, ARCH, AAVC, BMA, EDUC, FINA, GOVT, HLTH, HOSP, HUMA, INFO, LAW, MANU, MRKT, STEM, and TRAN). Course numbers are listed on the CTE Career Pathway document and begin with a WB sequence. The new honors level will have a fifth digit of five, honors added to the end of the course title, and an added GPA weight of ½ credit for high school level courses.

CCP Course Offerings at CATS only

11th and 12th graders ONLY

Welding

AS32 - Ag Mechanics 2 will articulate to WLD-112 Basic Welding Processes OR

AGR-111 Basic Farm Maintenance

Fall / Spring

The following 3 courses will be paired together. Students will receive 3 high school credits and the corresponding college credits.

WLD 110 - Cutting Processes

WLD 115 - SMAW (Stick) Plate

WLD 141 - Symbols and Specifications

Spring

The following 3 courses will be paired together. Students will receive 3 high school credits and the corresponding college credits.

WLD 121 - GMAW (MIG) FCAW/Plate

WLD 131 - GTAW (TIG) FCAW/Plate

WC262X0110 WLD 110 Cutting Processes

This course introduces oxy-fuel and plasma-arc cutting systems. Topics include safety, proper equipment setup, and operation of oxy-fuel and plasma-arc cutting equipment with emphasis on straight line, curve and bevel cutting. Upon completion, students should be able to oxy-fuel and plasma-arc cut metals of varying thickness.

Student Learning Outcomes

1. Identify the parts and functions of an oxy-acetylene cutting torch.
2. Identify the parts and functions of various cutting equipment.
3. List the safety practices of using oxy-fuel, plasma-arc, and other cutting equipment.
4. Set-up and adjust cutting equipment.
5. Use an oxy-acetylene outfit, plasma cutting equipment, and other equipment to:
 - a. Cut a straight marked line on various thickness steel plate.
 - b. Cut various shapes out of carbon steel plate.
 - c. Cut carbon steel plate to a bevel and pipe.

WC262X0121 WLD 121 GMAW (MIG) FCAW/Plate

This course introduces metal arc welding and flux core arc welding processes. Topics include equipment setup and fillet and groove welds with emphasis on application of GMAW and FCAW electrodes on carbon steel plate. Upon completion, students should be able to perform fillet welds on carbon steel with prescribed electrodes in the flat, horizontal, and overhead positions.

Student Learning Outcomes

1. Demonstrate the use of GMAW electrode classification in compliance with AWS code for the selection of electrodes.
2. Demonstrate the use of FCAW electrode classification in compliance with AWS code for the selection of electrodes.
3. Perform a Fillet weld in accordance with AWS code.
4. Perform a groove weld in accordance with AWS code.
5. Demonstrate safe and proper GMAW equipment setup, operation, and shut-down practices in accordance to manufacturer's recommendations.

WC262X0141 WLD 141 Symbols and Specifications

This course introduces the basic symbols and specifications used in welding. Emphasis is placed on interpretation of lines, notes, welding symbols, and specifications. Upon completion, students should be able to read and interpret symbols and specifications commonly used in welding.

Competencies

Student Learning Outcomes

1. Identify and read welding symbols.
2. Identify and explain various lines, notes, and specifications on a blueprint.
3. Identify the different types of lines on a blueprint.
4. Interpret destructive testing symbols and their methods.
5. Interpret non-destructive testing symbols and their methods.
6. Develop a working sketch.

7. Create a bill of materials from a blueprint.

WC262X0115 WLD 115 SMAW (Stick) Plate

This course introduces the shielded metal arc (stick) welding process. Emphasis is placed on padding, fillet, and groove welds in various positions with SMAW electrodes. Upon completion, students should be able to perform SMAW fillet and groove welds on carbon plate with prescribed electrodes.

Competencies

Student Learning Outcomes

1. Demonstrate SMAW electrode classification in compliance with AWS codes.
2. Perform a groove weld according to AWS D1.1.
3. Demonstrate safe and proper SMAW equipment setup, operation, and shut-down practices in accordance to manufacturer's recommendations.

WC262X0131 WLD 131 GTAW (TIG) Plate

This course introduces the gas tungsten arc (TIG) welding process. Topics include correct selection of tungsten, polarity, gas, and proper filler rod with emphasis placed on safety, equipment setup, and welding techniques. Upon completion, students should be able to perform GTAW fillet and groove welds with various electrodes and filler materials.

Competencies

Student Learning Outcomes

1. Demonstrate the use of GTAW electrode classification in compliance with AWS for the selection of electrodes.
2. Perform a groove weld in accordance with AWS code.
3. Perform a Fillet weld in accordance with AWS code.
4. Demonstrate safe equipment setup, operation, and shut-down practices according to manufacturer's recommendations.

Cosmetology – Manicuring

Fall

COS 121 Manicure/Nail Technology I

Spring

COS 222 Manicure/Nail Technology II

Students completing both semesters will complete:

- Manicurist: 300 hours and completion of the required performances
- Eligible to sit for the State Board exam
- Receive 4 (2 per semester) high school credits.
- Legally licensed as Nail Tech/Manicuring professional

WC202X0121 COS 121 Manicure/Nail Technology I

Prerequisites: None

This course covers techniques of nail technology, hand and arm massage, and recognition of nail diseases and disorders. Topics include OSHA/safety, sanitation, bacteriology, product knowledge, salesmanship, manicures, artificial applications, pedicures, massage, and other related topics. Upon completion, students should be able to safely and competently perform nail care, including manicures, pedicures, massage, decorating, and artificial applications in a salon setting.

WC202X0222 COS 222 Manicure/Nail Technology II

Prerequisites: COS 121

This course covers advanced techniques of nail technology and hand and arm massage. Topics include OSHA/safety, product knowledge, customer service, salesmanship, artificial applications, nail art, and other related topics. Upon completion, students should be able to demonstrate competence necessary for the licensing examination, including advanced nail care, artificial enhancements, and decorations.

***Special Notes:**

- Courses limited to 20 students.
- Timeframe is 12PM to 4 PM daily.
- Students must provide their transportation to and from CATS.
- Kits and uniforms will be provided for students to check out.
- Fees apply for kit items/uniforms not returned.

Emergency Medical Technician (EMT) * offered at CATS only - 12th Graders ONLY

Fall

WC202X0110 EMS 110 EMT

This course introduces basic emergency medical care. Topics include preparatory, airway, patient assessment, medical emergencies, trauma, infants and children, and operations. Upon completion, students should be able to demonstrate the knowledge and skills necessary to achieve North Carolina State or National Registry EMT certification.

Spring

3C325X0163 BIO 163

This course provides a basic study of the structure and function of the human body. Topics include a basic study of the

body systems as well as an introduction to homeostasis, cells, tissues, nutrition, acid-base balance, and electrolytes. Upon completion, students should be able to demonstrate a basic understanding of the fundamental principles of anatomy and physiology and their interrelationships. ***This class will be taught on Mitchell Community College campus.**

Criminal Justice CCP courses via Mitchell Community College

Fall

CJC 111

CJC 112

PSY 150 Online

Spring

CJC 113

CJC 131

CJC 121 Online

CJC 111 Introduction to Criminal Justice

This course introduces the components and processes of the criminal justice system. Topics include history, structure, functions, and philosophy of the criminal justice system and their relationship to life in our society. Upon completion, students should be able to define and describe the major system components and their interrelationships and evaluate career options.

CJC 112 Criminology

This course introduces deviant behavior as it relates to criminal activity. Topics include theories of crime causation; statistical analysis of criminal behavior; past, present, and future social control initiatives; and other related topics. Upon completion, students should be able to explain and discuss various theories of crime causation and societal response.

PSY 150 General Psychology - Online

This course provides an overview of the scientific study of human behavior. Topics include history, methodology, biopsychology, sensation, perception, learning, motivation, cognition, abnormal behavior, personality theory, social psychology, and other relevant topics. Upon completion, students should be able to demonstrate a basic knowledge of the science of psychology.

CJC 113 Juvenile Justice

This course covers the juvenile justice system and related juvenile issues. Topics include an overview of the juvenile justice system, treatment and prevention programs, special areas and laws unique to juveniles, and other related topics. Upon completion, students should be able to identify/discuss juvenile court structure/procedures, function and jurisdiction of juvenile agencies, processing/detention of juveniles, and case disposition.

CJC 131 Criminal Law

This course covers the history/evolution/principles and contemporary applications of criminal law. Topics include sources of substantive law, classification of crimes, parties to crime, elements of crimes, matters of criminal responsibility, and other related topics. Upon completion, students should be able to discuss the sources of law and identify, interpret, and apply the appropriate statutes/elements.

CJC 121 Law Enforcement Operations - Online

This course introduces fundamental law enforcement operations. Topics include the contemporary evolution of law enforcement operations and related issues. Upon completion, students should be able to explain theories, practices, and issues related to law enforcement operations.

The following courses will be made available to high school juniors and seniors at Mitchell Community College Continuing Education Center, 701 W. Front Street, Statesville, NC 28677 [\(704\) 878-3220](tel:7048783220). Offerings are pending enrollment numbers and instructor availability. High school credit awarded based on MCC credit hours. Generally, 3 hours credit equals 1 high school credit.

Electrical Wiring:

First Year: Fall Semester

WC042X031 - ELC113 Residential Wiring (4 credit hours)

Prerequisites: None

Corequisites: None

This course introduces the care/usage of tools and materials used in residential electrical installations and the requirements of the National Electrical Code. Topics include NEC, electrical safety, and electrical print reading; planning, layout; and installation of electrical distribution equipment; lighting; overcurrent protection; conductors; branch circuits; and conduits. Upon completion, students should be able to properly install conduits, wiring, and electrical distribution equipment associated with residential electrical installations.

First Year: Spring Semester

WC042X032 - ELC114 Commercial Wiring (4 credit hours)

Prerequisites: None

Corequisites: None

This course provides instruction in the application of electrical tools, materials, and test equipment associated with commercial electrical installations. Topics include the NEC; safety; electrical blueprints; planning, layout, and installation of equipment and conduits; and wiring devices such as panels and overcurrent devices. Upon completion, students should be able to properly install equipment and conduit associated with commercial electrical installations.

WC042X033 - ELC115 Industrial Wiring (4 credit hours)

Prerequisites: None

Corequisites: None

This course covers layout, planning, and installation of wiring systems in industrial facilities. Emphasis is placed on industrial wiring methods and materials. Upon completion, students should be able to install industrial systems and equipment.

Second Year: Fall Semester

WC042X057 - ELC119 NEC Calculations (2 credit hours)

Prerequisites: None

Corequisites: None

This course covers branch circuit, feeder, and service calculations. Emphasis is placed on sections of the National Electrical Code related to calculations. Upon completion, students should be able to use appropriate code sections to size wire, conduit, and overcurrent devices for branch circuits, feeders, and service.

WC042X042 - ELC131 Circuit Analysis (4 credit hours)

Prerequisites: None

Corequisites: None

This course introduces DC and AC electricity with an emphasis on circuit analysis, measurements, and operation of test equipment. Topics include DC and AC principles, circuit analysis laws and theorems, components, test equipment operation, circuit simulation, and other related topics. Upon completion, students should be able to interpret circuit schematics; design, construct, verify, and analyze DC/AC circuits; and properly use test equipment.

HVAC:

First Year: Fall Semester

WC032X017 - AHR110 Introduction to Refrigeration (5 credit hours)

Prerequisites: None

Corequisites: None

This course introduces the basic refrigeration process used in mechanical refrigeration and air conditioning systems. Topics include terminology, safety, and identification and function of components; refrigeration cycle; and tools and instrumentation used in mechanical refrigeration systems. Upon completion, students should be able to identify refrigeration systems and components, explain the refrigeration process, and use the tools and instrumentation of the trade.

First Year: Spring Semester

WC032X022 - AHR160 Refrigerant Certification (1 credit hour)

Prerequisites: None

Corequisites: None

This course covers the requirements for the EPA certification examinations. Topics include small appliances, high pressure systems, and low pressure systems. Upon completion, students should be able to demonstrate knowledge of refrigerants and be prepared for the EPA certification examinations.

WC032X022 - AHR180 HVACR Customer Relations (1 credit hour)

Prerequisites: None

Corequisites: None

This course introduces common business and customer relation practices that may be encountered in HVACR. Topics include business practices, appearance of self and vehicle, ways of handling customer complaints, invoices, telephone communications, and warranties. Upon completion, students should be able to present themselves to customers in a professional manner, understand how the business operates, complete invoices, and handle complaints.

Second Year: Fall Semester

WC032X018 - AHR111 HVACR Electricity (3 credit hours)

Prerequisites: None

Corequisites: None

This course introduces electricity as it applies to HVACR equipment. Emphasis is placed on power sources, interaction of electrical components, wiring of simple circuits, and the use of electrical test equipment. Upon completion, students should be able to demonstrate good wiring practices and the ability to read simple wiring diagrams.

Second Year: Spring Semester

WC032X019 - AHR113 Comfort Cooling (4 credit hours)

Prerequisites: None

Corequisites: None

This course covers the installation procedures, system operations, and maintenance of residential and light commercial comfort cooling systems. Topics include terminology, component operation, and testing and repair of equipment used to control and produce assured comfort levels. Upon completion, students should be able to use psychrometrics, manufacturer specifications, and test instruments to determine proper system operation.

WC032X020 - AHR114 Heat Pump Technology (4 credit hours)

Prerequisites: AHR 110 or AHR 113

Corequisites: None

This course covers the principles of air source and water source heat pumps. Emphasis is placed on safety, modes of operation; defrost systems, refrigerant charging, and system performance. Upon completion, students should be able to understand and analyze system performance and perform routine service procedures.

Drone Technology (CCP Course offered at CATS)

First semester (taught together in double block class)

WC292X050 - GIS111 Introduction to GIS

3 credits/48 contact hours) [Required]

Prerequisite: None

Course Description: This course introduces the methods and techniques used in the Geographic Information System (GIS) and Global Positioning Systems (GPS) profession. Emphasis is placed on problem solution sequences and advisement, counseling, and technical methodology, including technical computer usage and technical graphics. Upon completion, students should be able to identify major fields using GIS/GPS technologies and apply their methodologies toward problem resolution.

WC292X051 UAS110 Intro. to UAS Ops

3 credits/48 contact hours

Prerequisite: None

Course Description: This course provides an introduction to the history, various technologies, and capabilities of unmanned aircraft systems (UAS). Topics include UAS history, operational design and capabilities, popular applications, and the science of flight. Upon completion, students should be able to identify and explain common aspects of unmanned aircraft systems including their historical development, commonly utilized technologies, applications, and unit flight capabilities.

WC292X052 UAS111 UAS

3 credits/48 contact hours [Required]

Prerequisite: None

Course Description: This course provides students with the various products and technologies commonly associated with unmanned aircraft systems utilized by hobbyists, government, industry, and the military. Topics include data acquisition, operations and the various technologies associated with unmanned flight. Upon completion, students should be able to demonstrate an understanding of flight control operations including programming telemetry and data acquisition.

WC292X053 UAS115 UAS Certification

3 credits/48 contact hours

Prerequisite: None

Course Description: This course prepares learners for small Unmanned Aircraft Systems (UAS) flight certification to promote compliance with the requirements of Title 14 of the Code of Federal Regulations (14 CFR). Topics include FAA Title 14 CFR Part 107 study guide and NCDOT UAS flight standards to provide guidance in the areas of remote pilot certification, aircraft registration and marking, aircraft airworthiness, basic piloting skills, and the operation of small UAS. Upon completion, students should be able to meet requirements for small UAS certification through the NCDOT and perform basic small UAS piloting in accordance with FAA Title 14 CFR Part 107 regulations.

Second semester (taught together in double block class)

WC292X054 GIS121 Georeferencing/Mapping

3 credits/48 contact hours [Required]

Prerequisite: None

Course Description: This course introduces coordinate systems, fundamentals of surveying, and cartography. Topics include the theory, acquisition, and use of locational data using both continuous and discrete georeferencing methods.

Upon completion, students should be able to identify appropriate coordinate systems for a situation and translate data into correct map form.

WC292X055 GIS230 GIS Data Creation

3 credits/48 contact hours [Required]

Prerequisite: None

Course Description: This course introduces the fundamental concepts of primary GIS data creation. Topics include the collection of field data, digital conversion of existing hardcopy maps, and the construction of spatial data from known geodetic locations. Upon completion, students should be able to demonstrate an ability to collect, create, and process spatial data within a variety of environments.

WC292X056 UAS230 Survey of GIS/GPS

3 credits/48 contact hours [Required]

Prerequisite: None

Course Description: This course introduces students to some of the popular unmanned aerial photographic applications commonly utilized in commercial unmanned aircraft systems (UAS) operations involving aerial surveys and photography. Topics include aerial photography and equipment, aerial vehicles, examples of successful UAS survey and photographic business models, and Federal Aviation Regulations governing airspace applications. Upon completion, students should be able to plan, implement and conduct a successful photo aerial survey mission.

Dual Credit Allowances for Career & College Promise

Course Category	College Course	Current PowerSchool Course Code	High School Credit / Graduation Requirement Satisfied
Academic Transition	ACA122-College Transfer Success	0C025X0	1 elective credit
Humanities/ Fine Arts	ART 111 – Art Appreciation	5C015X0	1 elective credit
Humanities/ Fine Arts	ART 114 – Art History Survey I	5C025X0	1 elective credit
Humanities/ Fine Arts	ART 115 – Art History Survey II	5C035X0	1 elective credit
Natural Sciences	AST 111 – Descriptive Astronomy	3C015X0	1 elective credit
Natural Sciences	AST 111A – Descriptive Astronomy Lab	3C025X0	0 credit
Natural Sciences	AST 151 – General Astronomy I	3C035X0	1 elective credit
Natural Sciences	AST 151A – General Astronomy Lab I	3C045X0	0 credit
Natural Sciences	BIO 110 – Principles of Biology	3C055X0	1 elective credit
Natural Sciences	BIO 111 – General Biology I	3C065X0	1 credit; may be combined with BIO 112 to satisfy the Biology graduation requirement; else, elective credit only Must complete the EOC to meet HS graduation requirement
Natural Sciences	BIO 112 – General Biology II	3C075X0	1 credit; when combined with BIO 111, satisfies Biology graduation requirement; else elective credit only Must complete the EOC to meet HS graduation requirement
Natural Sciences	CHM 151 – General Chemistry I	3C085X0	1 credit; may be combined with CHM 152 to satisfy the physical science graduation requirement; else, elective credit only
Natural Sciences	CHM 152 – General Chemistry II	3C095X0	1 credit; may be combined with CHM 151 to satisfy the physical science graduation requirement; else, elective credit only
Communications	COM231 - Public Speaking	0C015X0	1 elective credit
Social/ Behavioral Sciences	ECO 251 – Principles of Microeconomics	4C015X0	1 elective credit

Social/ Behavioral Sciences	ECO 252 – Principles of Macroeconomics	4C025X0	1 elective credit
English Composition	ENG 111 – Writing & Inquiry	1C025X0	1 credit; may be combined with other ENG courses to satisfy English III and English IV graduation requirement; else, elective credit only See ENG 231/232 and ENG 241/242
English Composition	ENG 112 – Writing/Research in the Disciplines	1C035X0	1 credit; may be combined with other ENG courses to satisfy English III and English IV graduation requirement; else, elective credit only See ENG 231/232 and ENG 241/242
Humanities/ Fine Arts	ENG 231 – American Literature I	1C075X0	1 credit; with ENG 111 and ENG 112, satisfies English III graduation requirement; else, elective credit only
Humanities/ Fine Arts	ENG 232 – American Literature II	1C085X0	1 credit; with ENG 111 and ENG 112, satisfies English III graduation requirement; else, elective credit only
Humanities/ Fine Arts	ENG 241 – British Literature I	1C115X0	1 credit; with ENG 111 and 112, satisfies English IV graduation requirement; else, elective credit only
Humanities/ Fine Arts	ENG 242 – British Literature II	1C125X0	1 credit; with ENG 111 and 112, satisfies English IV graduation requirement; else, elective credit only
Natural Sciences	GEL 111 – Introductory Geology	3C105X0	1 elective credit
Social/ Behavioral Sciences	HIS 111 – World Civilizations I	4C035X0	1 credit; may be combined with HIS 112 to satisfy the World History graduation requirement; else, elective credit only
Social/ Behavioral Sciences	HIS 112 – World Civilizations II	4C045X0	1 credit; may be combined with HIS 111 to satisfy the World History graduation requirement; else, elective credit only
Social/ Behavioral Sciences	HIS 131 – American History I	4C055X0	1 credit; satisfies American History I graduation requirement
Social/ Behavioral Sciences	HIS 132 – American History II	4C065X0	1 credit; satisfies American History II graduation requirement

Mathematics	MAT 143 – Quantitative Literacy	2C015X0	1 credit; satisfies fourth math graduation requirement
Mathematics	MAT 152 – Statistical Methods I	2C025X0	1 credit; satisfies fourth math graduation requirement
Mathematics	MAT 171 – Pre-calculus Algebra	2C035X0	1 credit; satisfies fourth math graduation requirement
Mathematics	MAT 172 – Precalculus Trigonometry	2C045X0	1 credit; satisfies fourth math graduation requirement
Mathematics	MAT 263 – Brief Calculus	2C055X0	1 credit; satisfies fourth math graduation requirement
Mathematics	MAT 271 – Calculus I	2C065X0	1 credit; satisfies fourth math graduation requirement
Mathematics	MAT 272 – Calculus II	2C075X0	1 credit; satisfies fourth math graduation requirement
Humanities/ Fine Arts	MUS 110 – Music Appreciation	5C045X0	1 elective credit
Humanities/ Fine Arts	MUS 112 – Introduction to Jazz	5C055X0	1 elective credit
Humanities/ Fine Arts	PHI 215 – Philosophical Issues	0C065X0	1 elective credit
Humanities/ Fine Arts	PHI 240 – Introduction to Ethics	0C075X0	1 elective credit
Natural Sciences	PHY 110 – Conceptual Physics	3C115X0	1 elective credit
Natural Sciences	PHY 110A – Conceptual Physics Lab	3C125X0	0 credit
Natural Sciences	PHY 151 – College Physics I	3C195X0	1 credit; may be combined with PHY 152 to satisfy the physical science graduation requirement; else, elective credit only
Natural Sciences	PHY 152 – College Physics II	3C205X0	1 credit; may be combined with PHY 151 to satisfy the physical science graduation requirement; else, elective credit only
Natural Sciences	PHY 251 – General Physics I	3C215X0	1 credit; may be combined with PHY 252 to satisfy the physical science graduation requirement; else, elective credit only
Natural Sciences	PHY 252 – General Physics II	3C225X0	1 credit; may be combined with PHY 251 to satisfy the physical science graduation requirement; else, elective credit only
Social/ Behavioral Sciences	POL 120 – American Government	4C075X0	1 elective credit

Social/ Behavioral Sciences	PSY 150 – General Psychology	4C085X0	1 elective credit
Social/ Behavioral Sciences	SOC 210 – Introduction to Sociology	4C095X0	1 elective credit

Course offerings on the Campus of Mitchell Community College. (Please check the MCC Website for current offerings)

If you do not see a course number, please contact Laura Elliott.

Remember that not all courses have an extra GPA Quality Point. The 5th digit of the course number determines the Quality Points. If the 5th digit is a 2, there is no additional quality points, if the 5th digit is a 5, there are quality points available.

If the Community College course is 1 or 2 credit hours, then these courses do not earn a high school credit unless combined with another course (PED+HEA110) or (3PED classes) or (1hr+2hr class). See your counselor for guidance on the Community College classes.

Course_Name	Course_Number	Credit_Hours
ACA122 College Transfer Success	96102X0122	0
ACC115 College Accounting	WC072X0115	1
ACC120 Principles of Financial Accountin	BW035X0120	1
ACC121 Prin of Managerial Accounting	BW045X0121	1
AER111 Aviation Meteorology	WC312X019	1
AER113 History of Aviation	WC312X024	1
AGR110 Agricultural Economics	WC012X0110	1
AGR111 Basic Farm Maintenance	WC012X004	1
AGR139 Intro to Sustainable Agriculture	WC012X006	1
AGR140 Agriculture Chemicals	WC012X007	1
AGR150 Ag O Metrics	WC012X008	1
AGR160 Plant Science	WC012X009	1
AGR170 Soil Science	WC012X010	1
AGR210 Agriculture Accounting	WC012X019	1
AGR211 Agricultural Accounting	WC012X011	1
AGR212 Farn Business Management	WC012X012	1
AGR214 Agricultural Marketing	WC012X014	1
AGR261 Agronomy	WC012X060	1
AGR262 Weed ID and Control	WC012X016	1
AHR110 Intro to Refrigeration	WC032X017	1
AHR111 HVACR Electricity	WC032X018	1
AHR113 Comfort Cooling	WC032X019	1
AHR114 Heat Pump Technology	WC032X020	1
ANS110 Animal Science	WC012X018	1
ART111 Art Appreciation	5C015X0111	1

ART114 Art History Survey I	5C025X0114	1
ART115 Art History Survey II	5C035X0115	1
ART121 Two Dimensional Design	5C075X0121	1
ART122 Three Dimensional Design	5C085X0122	1
ART131 Drawing I	5C065X0131	1
ART132 Drawing II	5C235X0132	1
ART135 Figure Drawing	5C315X1135	1
ART135 Figure Drawing 1	5C005X0135	1
ART171 Computer Art I	5C365X0171	1
ART231 Printmaking I	5C465X0231	1
ART240 Painting I	5C095X0240	1
ART241 Painting II	5C495X0241	1
ART261 Photography I	5C615X0261	1
ART262 Photography II	5C625X0262	1
ART266 Videography I	5D255X0266	1
ART267 Videography II	5C655X0267	1
ART271 Computer Art II	5C665X0271	1
ART281 Sculpture I	5C685X0281	1
ART283 Ceramics I	5C245X0283	1
ASL111 Elementary ASL I	1D315X0111	1
ASL112 Elementary ASL II	1C785X0112	1
AST111 Descriptive Astronomy	3C015X0111	1
AST111A Descriptive Astronomy Lab	3C025X0111	0
BAF110 Principles of Banking	WC082X001	1
BAF143 Financial Planning	WC122X005	1
BIO110 Principles of Biology	3C055X0110	1
BIO111 General Biology I	3C065X0111	1
BIO112 General Biology II	3C075X0112	1
BIO120 Introductory Botany	3C755X0120	1
BIO130 Introductory Zoology	3C135X0130	1
BIO140 Environmental Biology	3C255X0140	1
BIO140A Environmental Biology Lab	3C265X0140	0
BIO155 Nutrition	3C245X0155	1
BIO163 Basic Anat & Physiology	3C325X0163	1
BIO168 Anatomy & Physiology I	3C175X0168	1
BIO169 - Anatomy & Physiology	3C185X0169	1
BIO275 Microbiology	3C165X0275	1
BUS110 Introduction to Business	BW145X0110	1
BUS115 Business Law I	BW155X0115	1
BUS116 Business Law II	WC072X042	1

BUS121 Business Math	WC072X007	1
BUS125 Personal Finance	WC072X008	1
BUS137 Principles of Management	BW205X0137	1
BUS153 Human Resource Management	WC082X004	1
BUS217 Employment Laws & Regulations	WC082X005	1
BUS260 Business Communication	WC082X010	1
BUS270 Professional Development	WC072X013	1
CHM131 Introduction to Chemistry	3C275X0131	1
CHM131A Introduction to Chemistry Lab	3C335X0131	0
CHM132 Organic and Biochemistry	3C345X0132	1
CHM151 General Chemistry I	3C085X0151	1
CHM152 General Chemistry II	3C095X0152	1
CIS110 Introduction to Computers	BW325X0110	1
CIS115 Intro to Programming and Logic	WC212X005	1
CJC111 Introduction to Criminal Justice	IW845X0111	1
CJC112 Criminology	WC242X001	1
CJC113 Juvenile Justice	WC242X002	1
CJC120 Interviews/Interrogations	WC242X004	1
CJC121 Law Enforcement Operations	IW895X0121	1
CJC131 Criminal Law	WC242X007	1
CJC132 Court Procedure and Evidence	WC242X008	1
CJC141 Corrections	WC242X009	1
CJC151 Introduction to Loss Prevention	WC242X013	1
CJC160 Terrorism: Underlying Issues	WC242X014	1
CJC212 Ethics and Comm Relations	WC242X017	1
CJC215 Organization and Administration	WC242X020	1
CJC221 Investigative Principles	WC242X021	1
CJC225 Crisis interventions	WC242X024	1
CJC231 Constitutional Law	WC242X025	1
COM110 Introduction to Communication	OC055X0110	1
COM120 Intro Interpersonal Com	OC085X0120	1
COM231 Public Speaking	OC015X0231	1
COS111 Cosmetology Concepts I	WC192X002	1
COS112 Salon I	WC202X002	1
COS113 Cosmetology Concepts II	WC202X003	1
COS114 Salon II	WC202X004	1
COS115 Cosmetology Concepts III	WC202X005	1
COS116 Salon III	WC202X006	1
COS117 Cosmetology Concepts IV	WC202X007	1
COS118 Salon IV	WC202X008	1

COS120 Esthetics Salon I	WC192X004	1
COS121 Manicure/Nail Technology I	WC202X0121	2
COS126 Esthetics Salon II	WC192X005	1
COS222 Manicure/Nail Technology II	WC202X0222	2
CSC134 C++ Programming	WC212X007	1
CSC151 JAVA Programming	WC212X011	1
CTI110 Web,Pgm,and DB Foundation	WC042X019	1
CTI120 Networking & Security Foundations	WC042X021	1
CTS115 Info Sys Business Concepts	WC212X013	1
CTS120 Hardware/Software Support	WC212X015	1
CTS130 Spreadsheet	WC212X016	1
CUL110 Sanitation and Safety	WC172X004	1
CUL112 Nutrition for Food Safety	WC172X006	1
CUL130 Menu Design	WC172X007	1
CUL135 Food and Beverage Service	WC182X003	1
CUL140 Culinary Skills I	WC172X009	1
CUL160 Baking I	WC172X013	1
CUL170 Garde Manager I	WC182X005	1
CUL230 Global Cuisines	WC182X006	1
CUL240 Culinary Skills II	WC182X007	1
CUL260 Baking II	WC182X009	1
CUL270 Garde Manager II	WC182X010	1
CUL270 Garde Manger II	WC182X0270	1
CUL283 Farm to Table	WC182X008	1
CUL283 Farm to Table	WC182X0283	1
DFT151 CAD I	WC302X010	1
DFT170 Engineering Graphics	WC302X014	1
DMA010 CC Operations w/ Integers	2C002X0010	0
DMA020 CC Fractions and Decimals	2C002X0020	0
DMA030 CC Proportions/Rations/Rates/Pear	2C002X0030	0
DMA040 CC Expressions/LinearEquations/In	2C002X0040	0
DMA050 Graphs/Equations of Lines	2C002X0050	0
DMA065 Algebra for Precalculus	2C002X0065	0
DME110 Introduction to Digital Media	WC302X031	1
DME115 Graphic Design Tools	WC302X016	1
DME120 Intro to Multimedia Applications	WC302X032	1
DME130 Digital Animation I	WC302X033	1
DME210 User Interface Design	WC222X0210	1
DME210 User Interface Design	WC302X034	1
DME215 Adv Graphic Design Too	WC302X035	1

DRE097 Integrated Reading and Writing II	1C005X0097	1
DRE098 Integrated Reading and Writing I	1C002X0098	1
DRE099 Integrated Rd&Writing III Bridge	1C002X0099	1
ECO251 Principles of Microeconomics	4C015X0251	1
ECO252 Prin of Macroeconomics	4C025X0252	1
EDU119 Introduction to Early Childhood	WC092X002	1
EDU131 Child, Family, and Community	WC092X005	1
EDU146 Child Guidance	WC092X004	1
EDU153 Health, Safety, and Nutrition	WC172X015	1
EGR150 Introduction to Engineering	WC292X010	0
ELC 135-Electrical Machines	WC262X0135	1
ELC113 Residential Wiring	WC042X031	1
ELC114 Commercial Wiring	WC042X032	1
ELC115 Industrial Wiring	WC042X033	1
ELC119 NEC Calculations	WC042X057	1
ELC131 Circuit Analysis I	WC042X042	1
ELC215 Electrical Maintenance	WC262X0055	1
ELN232 Intro to Microprocessors	WC262X0232	1
ELN232 Intro to Microprocessors	WC302X0232	1
ELN234 Communication Systems	WC262X0234	1
ELN234 Communication Systems	WC302X0234	1
EMT110 EMT-Basic	WC202X0110	2
ENG111 - Writing Expository	1C025X0111	1
ENG112 Writing/Research in the Discipli	1C035X0112	1
ENG113 Literature Based Research	1C665X0113	1
ENG114 - Professional Research and Repo	1C055X0114	1
ENG125 Creative Writing I	1C235X0125	1
ENG126 Creative Writing II	1D095X0126	1
ENG231 - American Literature I	1C075X0231	1
ENG232 - American Literature II	1C085X0232	1
ENG241 - British Literature I	1C115X0241	1
ENG242 - British Literature II	1C125X0242	1
ENG261 World Literature I	1C275X0261	1
ENG262 World Literature II	1C285X0262	1
ENG273 African-American Literature	1D115X0273	1
FIP120 Intro to Fire Protection	WC232X003	1
FIP124 Fire Prevention and Public Educat	WC242X042	1
FIP128 Detection and Investigation	WC242X043	1
FIP132 Building Construction	WC242X044	1
FIP136 Inspections and Codes	WC242X056	1

FIP146 Fire Protection Systems	WC232X004	1
FIP220 Fire Fighting Strategies	WC242X048	1
FIP228 Local Govt Finance	WC242X049	1
FIP229 Fire Dynamics and Combust	WC242X050	1
GEL111 Introductory Geology	3C105X0111	1
GRD110 Typography I	WC212X021	1
GRD141 Graphic Design I	WC212X023	1
HEA110 Personal Health/Wellness	6C015X0110	1
HEA112 First Aid & CPR	6C025X0112	1
HEA120 Community Health	6C035X0120	1
HIS111 World Civilizations I	4C035X0111	1
HIS112 - World Civilizations II	4C045X0112	1
HIS121 - Western Civilization I	4C105X0121	1
HIS122 - Western Civilization II	4C115X0122	1
HIS131 - American History I	4C055X0131	1
HIS132 - American History II	4C065X0132	1
HRM220 Cost Control Food & Beverage	WC182X013	1
HRM245 Human Resource Management-Hosp	WC182X0245	1
HRM245 Human Resource Mgmt Hospitality	WC182X014	1
HSE110 Intro to Human Services	WC192X006	1
HSE112 Group Process I	WC192X007	1
HSE123 Interview Techniques	WC202X016	1
HSE125 Counseling	WC202X019	1
HSE225 Crisis Intervention	WC202X017	1
HSE240 Issues in Client Services	WC202X018	1
HUM115 Critical Thinking	0C035X0115	1
HUM120 Cultural Studies	0C185X0120	1
HUM130 Myth in Human Culture	0C105X0130	1
HUM160 Introduction to Film	0C205X0160	1
HYD110 Hydraulics/Pneumatics I	WC322X045	1
LAT111 Elementary Latin I	1D045X0111	1
LAT112 Elementary Latin II	1C965X0112	1
MAC122 CNC Turning	WC262X019	1
MAC124 CNC Milling	WC262X020	1
MAT110 Math Measurement & Literacy	2C002X0110	1
MAT140 Survey of Mathematics	2C005X0140	1
MAT143 - Quantitative Literacy	2C015X0143	1
MAT151 - Statistics I	2C085X0151	1
MAT152 - Statistical Methods I	2C025X0152	1
MAT161 - College Algebra	2C095X0161	1

MAT171 Precalculus Algebra	2C035X0171	1
MAT172 Precalculus Trigonometry	2C045X0172	1
MAT263 - Brief Calculus	2C055X0263	1
MAT271 Calculus I	2C065X0271	1
MAT272 - Calculus II	2C075X0272	1
MAT273-Calculus III	2C125X0273	1
MAT280-Linear Algebra	2C135X0280	1
MAT285-Differential Equations	2C145X0285	1
MEC110 Intro to CAD/CAM	WC292X013	1
MEC130 Mechanisms	WC302X020	1
MEC145 Mfg Materials I	WC302X036	1
MED121 Medical Terminology	WC192X0121	1
MED122 Medical Terminology	WC192X0122	1
MKT120 Principals of Marketing	WC272X007	1
MKT122 - Visual Merchandising	WC272X0122	1
MUS 152 Class Music II Guitar	5C745X0G	1
MUS110 Music Appreciation	5C045X0110	1
MUS111 Fundamentals of Music	5D325X0111	1
MUS112 Introduction to Jazz	5C055X0112	1
MUS121 Music Theory I	5C155X0121	1
MUS122 Music Theory II	5D005X0122	1
MUS125 Aural Skills I	5C002X0125	1
MUS126 Aural Skills II	5C002X0126	1
MUS131 Chorus I	5C002X0CH1	1
MUS132 Chorus II	5C185X0132	1
MUS133 Band I	5C002X0133	1
MUS134 Band II	5C002X0134	1
MUS135 Jazz Ensemble I	5C002X0135	1
MUS137 Orchestra I	5C395X0137	1
MUS138 Orchestra II	5C715X0138	1
MUS151P Class Music I Piano	5C002X0PI	1
MUS152P Classic Music II Piano	5C002X0152	1
MUS161 Applied Music I Saxophone	5C002X0SAX	1
MUS161V Applied Music I - Voice	5C002X0VO	1
MUS162X Applied Music II Saxophone	5C002X0SA2	1
MUS221 Music Theory III	5D085X0221	1
MUS222 Music Theory IV	5D095X0222	1
MUS225 Aural Skills III	5C002X0225	1
MUS226 Aural Skills IV	5C002X0226	1
MUS231 Chorus III	5C002X0231	1

MUS232 Chorus IV	5C002X0232	1
MUS238 Orchestra IV	5C002X0238	1
MUS260 Introduction to Music Educatio	5C002X0260	1
MUS261 Applied Music III Saxophone	5C002X0SA3	1
MUS261D Applied Music III Drums	5C002X0DR	1
MUS261V Applied Music III Voice	5C002X0VO3	1
MUS262D Applied Music IV Drums	5C002X0APD	1
MUS262V Applied Music IV Voice	5C002X0APV	1
MUS271 Music History I	5C585X0271	1
MUS272 Music History II	5D335X0272	1
NAS101 Nursing Assistant I	WC152X001	1
PED110 Fit and Well for Life	6C002X0110	0
PED111 Physical Fitness I	6C002X0111	0
PED113 Aerobics	6C002X0113	0
PED117 Weight Training	6C002X0117	0
PED122 Yoga I	6C002X0122	0
PED137 Badminton	6C002X0137	0
PED142 Lifetime Fitness	6C002X0142	0
PED143 Volleyball	6C002X0143	0
PED145 Beginning Basketball	6C002X0145	0
PED171 Nature Hiking	6C002X0171	0
PED186 Dancing for Fitness	6C002X0186	0
PED217 Pilates I	6C002X0217	0
PED239 Kickboxing	6C002X0239	0
PHI215 Philosophical Issues	0C065X0215	1
PHI240 - Introduction to Ethics	0C075X0240	1
PHY110 Conceptual Physics	3C115X0110	1
PHY110A Conceptual Physics Lab	3C125X0Lab	0
PHY151 College Physics I	3C195X0151	1
PHY152 College Physics II	3C205X0152	1
PHY251 General Physics I	3C215X0251	1
PHY252 General Physics II	3C225X0252	1
POL120 - American Government	4C075X0120	1
POL130 State and Local Government	4C835X0130	1
POL210 Comparative Government	4C205X0210	1
POL220 International Relations	4C215X0220	1
PSY150 - General Psychology	4C085X0150	1
PSY241 Developmental Psych	4C135X0241	1
PSY281 Abnormal Psychology	4C155X0281	1
REL110 Introduction to World Religions	0C115X0110	1

REL211 Intro to Old Testament	0C155X0211	1
REL212 Introduction to New Testament	0C175X0212	1
SOC210 - Introduction to Sociology	4C095X0210	1
SOC213 Sociology of the Family	4C375X0213	1
SOC220 Social Problems	4C125X0220	1
SOC225 Social Diversity	4C295X0225	1
SPA111 - Elementary Spanish I	1C145X0111	1
SPA112 - Elementary Spanish II	1C165X0112	1
SPA211 - Intermediate Spanish I	1C195X0211	1
SPA212 - Intermediate Spanish II	1C205X0212	1
SWK110 Intro to Social Work	WC192X008	1
WBL111 Culinary Work Based Learning I	WC172X016	1
WBL112 Culinary Work Based Learning II	WC182X011	1
WEB140 Web Development Tools	WC212X048	1
WEB210 Web Design	WC212X050	1
WLD110 Cutting Processes	WC262X0110	1
WLD115 SMAW (Stick) Plate	WC262X0115	1
WLD121 GMAW (MIG) FCAW/Plate	WC262X0121	1
WLD131 GTAW (TIG) Plate	WC262X0131	1
WLD141 Symbols and Specifications	WC262X0141	1
WLD151 Fabrication I	WC262X0151	1



Iredell - Statesville Schools

Igniting A
Passion
for Learning

Our Mission:

Iredell-Statesville Schools will rigorously challenge all students to achieve their academic potential and to lead productive and rewarding lives. We will achieve this mission

with the support of parents, staff, and the community.

Our Vision:

A school system committed to improving student learning by igniting a passion for learning.

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