

# **Mooreville High School Course Catalog**

Please take time to read over the course descriptions and expectations for each course before finalizing your selections for next year. The master schedule is built off of student requests, so please make every effort to research your course selections and your alternates carefully. We do ask that students honor the requests that are made during the registration process; therefore we do not make schedule changes once the schedules are finalized.

If you have any questions, please contact your school counselor.

Thank you!

## **NCVPS- North Carolina Virtual Public School**

NCVPS offers students a unique opportunity to enhance their learning by taking classes online that are not offered at Mooreville High School. Students may choose to take an online class as one of their four (4) classes during the day. Although there are a variety of classes to be taken online, we ask that students take only classes via NCVPS when they are not offered at MHS.

NCVPS classes are available to all students in the North Carolina and are filled on a first come first serve basis. It is important to plan ahead and meet with your school counselor regarding NCVPS classes during our registration period. Just like when choosing classes at MHS, once you are registered for the class, you are committed to taking the class for the entire length of the course (one semester or full year).

NCVPS classes are rigorous, please do not register for an NCVPS class thinking it will be an easy way to earn a credit. NCVPS classes on average require at least 90 minutes EACH and EVERY day to learn content and then an additional 60 - 90 minutes a day for homework and projects. Students may not register for NCVPS classes requiring labs.

Prior to receiving approval to take an NCVPS class, students must complete a registration information form. No student will be registered for an NCVPS class until the NCVPS registration form is complete and returned to their school counselor by the deadline.

## **Advanced Placement Classes (AP)**

Mooreville High School is excited to offer an array of Advanced Placement courses to our students. We pride ourself on offering students a rigorous program that enhances learning and better prepares our students for college. AP courses are actual college level courses and students may be able to earn college credits while still in high school (depending on AP exam and which college a student will attend).

AP courses are based on a 6.0 scale and can truly impact a student's overall GPA. AP courses are typically two semesters; fall semester of the class being at an honors level and spring semester of the class being at the AP level. Two credits are earned for any AP class that is two semesters in length (one honors credit during first semester and one AP credit earned during second semester). There are a few one-semester AP courses and students will earn one (1) AP credit upon successful completion.

Students who experience success in an AP course are those who have excellent time management practices, desire to push themselves academically to the next level and are committed to a college level work load and college level expectations. Students who register for AP classes are expected to take part in the AP exams administered during the month of May.

**College and Career Promise Classes (CCP)** offers our **11th and 12th grade** students the unique opportunity to take college level classes at Mitchell Community College at no charge. Students typically take classes during 1st or 4th block and must have their own transportation. In order to qualify to take these classes, students must have a GPA of 3.0 or higher and who demonstrate college readiness on an approved placement test (PLAN PSAT, SAT, ACT). Classes taken may be transferred to a four year college.

Register for these classes during our general registration time in spring. Should you have specific questions about the program, contact Julie Blocker at 704.658.2500.

### **Internship- 11th&12th Grade**

A student internship is an extensive educational experience where the student devotes a period of time learning about an occupation directly relating to his/her anticipated career choice. The internship position may be paid or unpaid and course credit may be awarded upon successful completion of the internship.

Attendance is primarily the responsibility of the student and parents. All students are urged to attend the internship on a regular basis. One-hundred and thirty-five (135) hours of on-the-job internship experience will be required for a student to earn one unit of elective credit. The internship experience may occur after the school day, on weekends, and on student holidays. A student may be released during the school day, with the approval of the principal, if graduation/college entrance requirements are not adversely affected by the early release.

It is the responsibility of the student to set up the internship site and supervisor. Interested students must complete an internship packet prior to start of the semester. Students will sign up for this class during our general registration period in spring. For specific questions about the program, contact Michele Beatty at 704.658.2500.

## **Art I**

### **Art I**

54612X0S

This course is a prerequisite for all Art courses. Students will learn the basic elements and principles of art in drawing, painting, sculpture, and printmaking. Students will develop an understanding of techniques through studio experiences, art criticism, appreciation and history. Sketchbook work outside of class is required.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 9-12

### **Art II**

54622X0S

This is an advanced course in which more emphasis is placed on the elements and principles of art. There is further exploration of the art processes and techniques in drawing, painting, sculpture, and printmaking. Students broaden their understanding of art history and criticism. Sketchbook work outside of class is required.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 9-12

**PREREQUISITE:** 54612X0S - Art I

## Ceramics

54622X0C

This is an introductory clay course with an overview of historical perspective, studio projects and demonstrations. Studio projects and demonstrations will focus on the three hand building techniques of pinch, coil, and slab. A variety of decorating and glazing techniques will also be emphasized. Opportunities to learn to throw on the potter's wheel will also be provided.

**COURSE NOTE:** Art I 54612S is the pre-requisite.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 10-12

**PREREQUISITE:** 54612X0S - Art I

## Graphic Arts

54152X0S

This course introduces students to the field of graphic design through the instruction of learning Adobe Illustrator and Photoshop. Students will explore design, aesthetics, the interaction of text, the manipulation of images and real life applications. Students will learn and apply the basics of graphic design to effectively communicate ideas.

**COURSE NOTE:** Art I 54612S is acceptable pre-req.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 10-12

**PREREQUISITE:** 54612X0S - Art I

## Sculpture

54622X0

This is an introductory sculpture course with an overview of historical perspective, studio projects and demonstrations. Students will learn to apply the elements and principles of art three-dimensionally while employing a variety of media such as clay, plaster, papier-mâché, balsa foam, wood, and found objects. Art history and art appreciation will be explored with regard to famous sculptors from the past and present.

**COURSE NOTE:** Art I 54612S is acceptable pre-req.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 10-12

**PREREQUISITE:** 54612X0S - Art I

## Art III Honors

54632X0

This course places emphasis on artistic experience, art history, and development. Art III Honors offers a more in depth study of techniques. In addition to their regular class load, students are required to do the following: keep a journal/diary each nine weeks, visit a museum/gallery/exhibit and turn in a one-page critique of the visit, complete a one-page factual report on one artist or style of art included in the exhibit, and complete an Art III level independent project. Maintaining a drawing books is mandatory.

**COURSE NOTE:** Teacher recommendation is required. It is highly recommended that students be strong artists who are serious about art.

**CREDIT:** 1

**TYPE:** 5.0

**GRADE:** 11-12

**PREREQUISITE:** Arts I & II and teacher recommendation. Students should have at least a "B" average in Art I and Art II

### **College and Career Promise**

**CCP classes** are taught at Mitchell Community College and are available to high school juniors and seniors who have a weighted GPA of 3.0 or more and who demonstrate college readiness on an approved placement test (PLAN, PSAT, SAT, or ACT).

#### **CCP Fall Course**

95752X0UF

See your school counselor to register for a class and to see if you may be eligible.

**COURSES INCLUDE:** Public Speaking, General Psychology, Intro to Criminal Justice, Expository Writing, Western Civilization II, Principles of Marketing, and College Transfer Success.

**CREDIT:** 1

**TYPE:** 5.0

**GRADE:** 11-12

#### **CCP Spring Course**

95752XOUS

See your school counselor to register for a class and to see if you may be eligible.

**COURSES INCLUDE:** Principles of Microeconomics, Introduction to Sociology, Terrorism: Underlying Issues, Literature Based Research, College Algebra, and College Accounting.

**CREDIT:** 1

**TYPE:** 5.0

**GRADE:** 11-12

### **Career and Technical Education**

#### **Foundations of Information Technology**

BI102X0S

This is an introductory course that provides students with the foundation to pursue further study in the area of information technology. During the semester, emphasis is placed on network systems, information support and services, programming, software development, and interactive media.

**COURSE NOTE:** There are no pre-requisites to this course.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 9-12

#### **Microsoft Excel and Access**

BM202X0S

Students will utilize Microsoft curriculum to tackle real world challenges in the classroom. Students will use the 2010 version of Excel to present, analyze, manage, and manipulate various types of data. Students will use the 2010 version of Access to share and distribute database information. This course enables students to gain a Microsoft certification in Excel 2010 and Access 2010.

**COURSE NOTE:** Students should have Microsoft Word, PowerPoint, and Publisher as a pre-requisite.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 9-12

**PREREQUISITE:** BM102X0S - Microsoft Word and PowerPoint

## **Microsoft Word and PowerPoint**

BM102X0S

Students will utilize Microsoft curriculum to tackle real world challenges in the classroom. Students will use the 2010 version of Word, PowerPoint, and Publisher to create, enhance, customize, share, and deliver complex documents, presentations, and publications. This course enables students to gain a Microsoft certification in Word 2010 and PowerPoint 2010.

**COURSE NOTE:** There are no pre-requisites for this class.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 9-12

## **Multimedia and Webpage Design**

BW102X0S

This project based course teaches and expands upon students knowledge of desktop publishing , graphic image design, computer animation, multimedia production, and webpage design. Communication and critical thinking skills are heavily reinforced through software applications. Students learn through project based applications as they plan, design, and create various products.

**COURSE NOTE:** Students must have EITHER Microsoft Word PowerPoint and Publisher OR Foundations of Information Technology.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 9-12

**PREREQUISITE:** BI102X0S - Foundations of Information Technology **or** BM102X0S - Microsoft Word and PowerPoint

## **Accounting I**

BA102X0S

This course is designed for students pursuing a career in business. Students will understand the basic principles of the accounting cycle. Emphasis is based on analysis 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. Math and critical thinking skills are heavily reinforced.

**COURSE NOTE:** This is a course for students 10th-12th grade.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 10-12

## **Computer Engineering Technology I**

II212X0S

This course includes basic computer hardware, software, applications, troubleshooting, and customer service as integral parts of the course requirements. This course helps prepare students for the CompTIA A+ credential.

**COURSE NOTE:** Pre-requisite: Foundations of Information Technology.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 10-12

**PREREQUISITE:** Pre-requisite: Foundations of Information Technology OR Microsoft Excel

## **Honors Accounting I**

BA105X0S

This is a rigorous course designed for students pursuing a career in business. Students will gain an understanding of the accounting cycle. Emphasis is placed on analysis and the 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. Students will analyze case studies and apply learned objectives to complete a capstone project.

**COURSE NOTE:** Students must be in the 10-12 grade to take this course.

**CREDIT:** 1

**TYPE:** 5.0

**GRADE:** 10-12

## **Honors e-Commerce I**

BW125X0S

This is a rigorous course is designed to help students master skills in the design of complex web sites for conducting business electronically. The economic, social, legal, and ethical issues related to electronic business are also a focus in the course. Students learn through project based applications as they plan, design, create, publish, maintain and promote an e-commerce website.

**COURSE NOTE:** Students must have Multimedia and Webdesign as a pre-requisite.

**CREDIT:** 1

**TYPE:** 5.0

**GRADE:** 10-12

**PREREQUISITE:** BW102X0S - Multimedia and Webpage Design

## **Personal Finance**

BF052X0S

Students will explore all aspects of independent living. Topics include: economic activities and challenges of individuals and families, lifestyle goals as it relates to education and career choice, procedures in a successful job search, financial forms (taxes and banking), methods of becoming a responsible consumer, shopping options and practices, insurance, credit, ways to avoid identity theft, advertising and sales, and procedures for managing personal finances.

**COURSE NOTE:** This course is for students 10th - 12th grade.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 10-12

## **Computer Engineering Technology II**

II222X0S

This course includes advanced computer hardware, software, applications, troubleshooting, and customer service as integral parts of the course requirements.

This course helps prepare students for the CompTIA A+ credential.

**COURSE NOTE:** Computer Engineering Technology I is a pre-requisite.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 11-12

**PREREQUISITE:** II212X0S - Computer Engineering Technology I

## **Entrepreneurship I**

ME112X0S

Students are introduced to the dynamic processes involved in opening, managing, and growing a small business. Emphasis is on the exploration of ideas of products and services, research procedures, business financing, marketing strategies, and access to resources needed for starting a small business. Students will begin to develop the components for a marketing plan for a business.

**COURSE NOTE:** Pre-requisites are: Marketing OR Personal Finance

**CREDIT:** 1

**TYPE:** 5.0

**GRADE:** 11-12

**PREREQUISITE:** Prerequisites are: Marketing OR Personal Finance

## **Honors e-Commerce II**

BW145X0S

This rigorous course is designed to help students master advanced skills in electronic commerce security, payment infrastructure, marketing techniques, and tracking and using customer sales data. Students will utilize all focused objectives to develop a capstone project.

**COURSE NOTE:** Honors e-Commerce I is a pre-requisite.

**CREDIT:** 1

**TYPE:** 5.0

**GRADE:** 11-12

**PREREQUISITE:** BW125X0S - Honors e-Commerce I

## **CTE Internship**

CS972X0S

A CTE Internship allows for additional development of career and technical competencies within a general career field. Internships allow students to observe and participate in daily operations, develop direct contact with job personnel, ask questions about particular careers, and perform certain job tasks. This activity is exploratory and allows the student to get hands-on experience in a number of related activities. The teacher, student, and the business community jointly plan the organization, implementation, and evaluation of an internship, regardless of whether it is an unpaid or paid internship. Students must provide their own transportation.

**COURSE NOTE:** It is the student's responsibility to meet with Michele Beaty at NF Woods, complete an application, and coordinate an internship.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 11-12

## **Career Management**

CC452X0S

This course prepares students to locate, secure, keep, and change careers. Emphasis is placed on self-assessment of student's characteristics, interests, and values along with training and education. Based on the National Career Development Guidelines, strategies taught in this course include, but are not limited to communications, technology, decision-making, goal-setting, teamwork and self-management. English language arts are reinforced. Career research and career planning receive special

emphasis with students creating a journal, career research project, a career plan and a career portfolio. This curriculum is appropriate to be used as an elective for any career cluster.

**COURSE NOTE:** There are no pre-requisites to this course.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 9-12

## **Teen Living**

FU102XOS

This course serves as an overview of all Family and Consumer Science classes. Time is spent learning life management skills in the areas of personal and family living, wellness, nutrition and foods, financial management, living environments, appropriate child development practices, fashion and clothing, and job readiness. Emphasis is placed on students applying these skills during their teen years. Through simulated experiences, they learn to fulfill their responsibilities associated with the work of the family and community.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 9-11

## **Foods I**

FN412XOS

This course examines the nutritional needs of the individual. Emphasis is placed on the relationship of diet to health, kitchen and meal management, food preparation and sustainability for a global society, and time and resource management. Students spend twenty percent of instructional time in the labs preparing various food items and practicing food service techniques.

**COURSE NOTE:** Teen Living is needed as a pre-requisite OR a recommendation letter from a Mooresville Middle School Family and Consumer Science Teacher must be presented at registration.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 9-12

**PREREQUISITE:** FU102XOS - Teen Living

## **Foods II - Enterprise**

FN422XOS

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 spend twenty-five percent of instructional time in labs preparing foods such as yeast breads, cake fillings, frostings, knife skills and garnishing. An in-school food business component allows students to apply instructional strategies.

**COURSE NOTE:** Foods 1 is a pre-requisite to Foods II.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 10-12

**PREREQUISITE:** FN412XOS - Foods I

## **Parenting and Child Development**

FE602XOS



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. Students are provided the option to take home a Real Care infant simulator for a weekend.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 9-12

## **Early Childhood Education I**

FE112X0S

This two-credit course prepares students to work with children in early education and child care settings. Areas of study include personal and professional preparation, child development from birth to age 12, techniques and procedures for working with young children, and history, trends and opportunities in this field. An internship makes up 50 percent of instructional time.

**COURSE NOTE:** Students must have taken Parenting and Child Development as the pre-requisite.

**CREDIT:** 2

**TYPE:** 4.0

**GRADE:** 10-12

**PREREQUISITE:** FE602X0S - Parenting and Child Development

## **Early Childhood Education II**

FE122X0S

This two-credit course provides advanced experiences in working with children from infancy to age 12 in early education and child care settings. Areas of study include program planning and management, developmentally appropriate practice, procedures and strategies for working with special groups of children, and career development and professionalism. An internship makes up 50 percent of instructional time.

**COURSE NOTE:** Students must be 16 by October 1.

**CREDIT:** 2

**TYPE:** 4.0

**GRADE:** 11-12

**PREREQUISITE:** FE112X0S - Early Childhood Education I  
Health Occupations Education

## **Interior Design I**

FI512X0S

This course focuses on housing needs and options of individuals and families at various stages of the life cycle. Topics include selecting goods and services and creating functional pleasing living environments using sound financial decisions and principles of design. Emphasis is placed on elements, principles of design, backgrounds and furnishings, architectural styles and features, and functional room design.

**COURSE NOTE:** Students must have EITHER Teen Living or Art I as a pre-requisite.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 10-12

**PREREQUISITE:** 54612X0S - Art I or FU102X0S - Teen Living

## **Interior Design II**

FI522X0S

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.

**COURSE NOTE:** Interior Design I is a pre-requisite to this course.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 10-12

**PREREQUISITE:** FI512X0S - Interior Design I

## **Personal Finance**

BF052X0S

Students will explore all aspects of independent living. Topics include: economic activities and challenges of individuals and families, lifestyle goals as it relates to education and career choice, procedures in a successful job search, financial forms (taxes and banking), methods of becoming a responsible consumer, shopping options and practices, insurance, credit, ways to avoid identity theft, advertising and sales, and procedures for managing personal finances.

**COURSE NOTE:** This course is for students 10th - 12th grade.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 10-12

## **Health Team Relations**

HU102X0S

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.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 9-11

## **Health Science I**

HU402X0S

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.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 10-12

## **Health Science II**

HU422X0S

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.

**COURSE NOTE:** Student must have Health Science I as the pre-requisite.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 10-12

**PREREQUISITE:** HU402X0S - Health Science I

## **Pharmacy Technician**

HH322X0S

This course has self-paced, on-line instruction designed to prepare high school students for a pharmacy technician career. Topics included in this course are federal law, medication used in major body systems, calculations, and pharmacy operations. Mathematics is reinforced in this course. 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.

**COURSE NOTE:** Students must have Health Science II as a pre-requisite.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 12

**PREREQUISITE:** HU422X0S - Health Science II

## **Marketing**

MM512X0S

Students develop an understanding of the processes involved from the creation to the consumption of products / services. Students develop an understanding and skills in the areas: distribution, marketing information management, market planning, pricing, product / service management, promotion, and selling. Students develop an understanding of marketing functions applications and impact on business operations.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 9-12

## **Fashion Merchandising**

MI212X0S

Students will gain knowledge in fashion evolution, forecasting, fashion centers, trends, the business and economics of the industry, merchandise information, fashion promotion, human relations skills and selling skills.

**COURSE NOTE:** Marketing I is a pre-rquisite.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 10-12

**PREREQUISITE:** MM512X0S - Marketing

## **Sports & Entertainment Marketing I**

MH312X0S

Students are introduced to the industry of sports, entertainment, and event marketing. Topics included are: branding, licensing and naming rights; business foundations; concessions; and on site merchandising; economic foundations; human relations; and safety and security.

**COURSE NOTE:** Marketing I is a pre-requisite.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 10-12

**PREREQUISITE:** MM512X0S - Marketing

## **Sports & Entertainment Marketing II**

MH322X0S

Students acquire an understanding of selling, promotion, and marketing planning of sports, entertainment, and event marketing. Emphasis is on business management, career development, client relations, contracts, ethics, event management, and facilities management, legal issues, and sponsorships.

**COURSE NOTE:** Sports and Entertainment Marketing I is a pre-requisite.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 10-12

**PREREQUISITE:** MH312X0S - Sports & Entertainment Marketing I

## **Entrepreneurship I**

ME112X0S

Students are introduced to the dynamic processes involved in opening, managing, and growing a small business. Emphasis is on the exploration of ideas of products and services, research procedures, business financing, marketing strategies, and access to resources needed for starting a small business. Students will begin to develop the components for a marketing plan for a business.

**COURSE NOTE:** Pre-requisites are: Marketing OR Personal Finance

**CREDIT:** 1

**TYPE:** 5.0

**GRADE:** 11-12

**PREREQUISITE:** Prerequisites are: Marketing OR Personal Finance

## **Core and Sustainable Construction**

IC002X0S

This course covers the National Center for Construction Education and Research (NCCER) Core certification modules required for all of 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.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 9-12

## **Introduction to Automotive Service**

IT112X0S

This course introduces automotive safety, basic automotive terminology, system & component identification, knowledge and introductory skills in hand tools, shop equipment, basic servicing, and use of service information. Also careers and various job opportunities in the automotive repair industry will be discussed. As part of the NATEF accreditation, topics are aligned to the Maintenance and Light Repair (MLR) requirements.

**COURSE NOTE:** Preferably, students will take Introduction to Automotive Service in the 9th or 10th grade.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 9-10

## **Automotive Service I**

IT162XOS

This course develops automotive knowledge and skills in performing scheduled automotive maintenance, servicing and basic testing of brakes, electrical systems, drivetrain, engine, HVAC and steering & suspension systems, emphasizing hands-on experience. As part of the NATEF accreditation, topics are aligned to the Maintenance and Light Repair (MLR) requirements. At least 50% of this course will be dedicated to hands-on shop experience.

**COURSE NOTE:** Introduction to Automotive Service is the Pre-requisite for this class. For the 2014/2015 year, the pre-requisite is the previous years (2013/2014 or prior) Automotive Service 1 with the course number it112x0s. It will appear that the student is repeating Automotive Service I but they are not. There are two different course numbers.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 10-12

**PREREQUISITE:** IT112XOS - Introduction to Automotive Service

## **Automotive Service II**

IT172XOS

This course builds on the knowledge and skills introduced in Automotive Service I and develops advanced knowledge and skills in vehicle system repair and/or replacement of components in the brakes, electrical systems, drivetrain, engine, HVAC and steering & suspension systems, emphasizing hands-on experience. As part of the NATEF accreditation, topics are aligned to the Maintenance and Light Repair (MLR) requirements. This course helps prepare students for the Automotive Service Excellence (ASE) certification in Maintenance and Light Repair (MLR-G1). At least 50% of this course will be dedicated to hands-on shop experience.

**COURSE NOTE:** The pre-requisite for the course is Automotive Service I (IT16). For the 2014/2015 year, the pre-requisites are Automotive Brakes OR Automotive Electrical.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 10-12

## **Carpentry I**

IC212X0S

This course covers basic carpentry terminology and develops technical aspects of carpentry with emphasis on development of introductory skills. English language arts and mathematics are reinforced. This course helps prepare students for National Center for Construction Education and Research (NCCER) certification.

**COURSE NOTE:** Core and Sustainable Construction is a pre-requisite.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 9-12

**PREREQUISITE:** IC002X0S - Core and Sustainable Construction

## **Carpentry II**

IC222X0S

This course covers additional technical aspects of carpentry with emphasis on development of intermediate skills. The course content includes floor systems, wall and ceiling framing, roof framing, introductions to concrete, reinforcing materials and forms, windows and exterior doors, and basic stair layout. English language arts and mathematics are reinforced. This course helps prepare students for National Center for Construction Education and Research (NCCER) certification.

**COURSE NOTE:** Student must have Carpentry I as a pre-requisite.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 10-12

**PREREQUISITE:** IC212X0S - Carpentry I

## **Carpentry III**

IC232X0S

This course develops advanced technical aspects of carpentry with emphasis on development of skills. The course content includes roofing applications, thermal and moisture protection, exterior finishing, cold formed steel framing and drywall installations. English language arts and mathematics are reinforced. This course helps prepare students for National Center for Construction Education and Research (NCCER) certification.

**COURSE NOTE:** Student must have Carpentry II as a pre-requisite.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 11-12

**PREREQUISITE:** IC222X0S - Carpentry II

## **Computer Engineering Technology I**

II212X0S

This course includes basic computer hardware, software, applications, troubleshooting, and customer service as integral parts of the course requirements. This course helps prepare students for the CompTIA A+ credential.

**COURSE NOTE:** Pre-requisite: Foundations of Information Technology.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 10-12

**PREREQUISITE:** Pre-requisite: Foundations of Information Technology OR Microsoft Excel

## **Computer Engineering Technology II**

II222X0S

This course includes advanced computer hardware, software, applications, troubleshooting, and customer service as integral parts of the course requirements. This course helps prepare students for the CompTIA A+ credential.

**COURSE NOTE:** Computer Engineering Technology I is a pre-requisite.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 11-12

**PREREQUISITE:** II212X0S - Computer Engineering Technology I

## **Drafting I**

IC612X0S

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, geometric construction techniques, as well as computer assisted design (CAD), orthographic projection, and 3-D modeling.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 9-12

## **Drafting II Architectural**

IC622X0S

This course focuses 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 computer assisted design (CAD) tools in the creation of floor plans, wall sections, and elevation drawings.

**COURSE NOTE:** Drafting 1 is the pre-requisite.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 10-12

**PREREQUISITE:** IC612X0S - Drafting I

## **Drafting II Engineering**

IV222X0S

This course focuses on engineering graphics 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 computer assisted design (CAD).

**COURSE NOTE:** Student must take Drafting I as a pre-requisite.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 10-12

**PREREQUISITE:** IC612X0S - Drafting I

## **Drafting III Architectural**

IC635X0S

This course introduces students to advanced architectural design concepts. Emphasis is placed on the use of computer assisted design (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.

**COURSE NOTE:** Student must have Drafting II Architectural

**CREDIT:** 1

**TYPE:** 5.0

**GRADE:** 11-12

**PREREQUISITE:** IC622X0S - Drafting II Architectural

### **Drafting III - Engineering Honors**

IV235X00

This course is designed to challenge students while providing them with the foundation in engineering principles necessary to be successful in most engineering careers. This course is designed around a "team" concept that teaches students how to work more efficiently as a team to reach their final goal. Hands-on work experience and leadership activities that will provide many opportunities to enhance classroom instruction and career development. Instruments used in the course are 3D software Inventor, 3D printer system, and hands on measuring devices. Students will use their laptops to enhance their skills in the following areas; documentation, presentation, and communication skills are valuable assets when looking for a job or internship. Students develop presentation and communication skills through written reports and oral presentations, and students learn the importance of documentation in engineering projects.

**COURSE NOTE:** This is an Honors Course and Drafting II Engineering is a pre- requisite.

**CREDIT:** 1

**TYPE:** 5.0

**GRADE:** 10-12

**PREREQUISITE:** IV222X0S - Drafting II Engineering

### **Heating/Air Conditioning/Refrigeration I**

74092X0S1

This course includes an introduction to the installation, maintenance and repair of heating, ventilating, air conditioning and refrigeration systems. Basic information on employment opportunities, trade terminology, materials, supplies, and shop safety is discussed. The curriculum is based on the National Center for Construction Education and Research which includes written and performance assessments. Students can obtain nationally recognized certification upon successful completion of these assessments. Topics include introduction to the basic refrigeration process in mechanical refrigeration and air conditioning systems. HVAC&R state regulations and installation codes are introduced to the student. Fifty percent or more time will be devoted to hands-on experience.

**COURSE NOTE:** Core and Sustainable Construction is a pre-requisite.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 9-12

**PREREQUISITE:** IC002X0S - Core and Sustainable Construction

### **Heating/Air Conditioning/Refrigeration II**

74092X0S2

Advanced instruction, includes proper estimating, system design, importance of specifications, and the use of reference manuals in the installation of heating/ventilation, and air conditioning systems. Units of instruction include piping installations, trouble shooting, motors and controls for plumbing and HVAC systems. Seventy-five percent of the time is devoted to hands-on experience. Students will be provided the opportunity to take the Federal CFC and HCFC Certification exam.

**COURSE NOTE:** Heating / Air I is a pre-requisite.

**CREDIT:** 1

**TYPE:** 4.0



**GRADE:** 10-12

**PREREQUISITE:** 74092X0S1 - Heating/Air Conditioning/Refrigeration I

### **Heating/Air Conditioning/Refrigeration III**

74092X0S3

Advanced instruction including electric controls and mechanical trouble shooting on heating, air conditioning and refrigeration equipment. Time is devoted to electrical control circuit design. Over seventy-five percent of the time is devoted to hands-on experience working on commercial refrigeration equipment.

**COURSE NOTE:** Heating / Air II is a pre-requisite.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 11-12

**PREREQUISITE:** 74092X0S2 - Heating/Air Conditioning/Refrigeration II

### **Film Production I**

IL352X0S

Students will learn to use the Final Cut Pro software which is the industry film standard software, while learning a variety of film techniques.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 10-12

### **Digital Media I**

IA312X0S

This course provides students with industry knowledge and skills in the overall digital media design field. Areas covered in these two courses include graphics, animation, video, and web design.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 9-12

### **Advanced Digital Media**

IA322X0S

This course provides students with industry knowledge and skills in the overall digital media design field. Areas covered include graphics, animation, audio, video and web design. Students will also produce programming for the school system's TV station.

**COURSE NOTE:** Digital Media is a pre-requisite for this course.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 10-12

**PREREQUISITE:** IA312X0S - Digital Media I

### **T&I Advanced Studies in Digital Media (Weekly Update) Spring Semester Only**

C8952X0WU

Students in this course are responsible for producing a bi-weekly homeroom announcement show and other programming for the school system's TV station. Students will fill various roles in the television production process. Emphasis will be placed on producing quality videos for broadcast or distribution. Outside class work and projects are required.

**COURSE NOTE:** Students must be a Senior.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 12

**PREREQUISITE:** Advanced Digital Media OR Film Production 1 as the pre-requisite

### **T&I Internship in Digital Media (Weekly Update) Fall Semester Only**

CS972X0WU

Students in this course are responsible for producing a bi-weekly homeroom announcement show and other programming for the school system's TV station. Students will fill various roles in the television production process. Emphasis will be placed on producing quality videos for broadcast or distribution. Outside class work and projects are required.

**COURSE NOTE:** Students must be Seniors.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 12

**PREREQUISITE:** Advanced Digital Media OR Film Production 1 as the pre-requisite

### **CTE Internship**

CS972X0S

A CTE Internship allows for additional development of career and technical competencies within a general career field. Internships allow students to observe and participate in daily operations, develop direct contact with job personnel, ask questions about particular careers, and perform certain job tasks. This activity is exploratory and allows the student to get hands-on experience in a number of related activities. The teacher, student, and the business community jointly plan the organization, implementation, and evaluation of an internship, regardless of whether it is an unpaid or paid internship. Students must provide their own transportation.

**COURSE NOTE:** It is the student's responsibility to meet with Michele Beaty at NF Woods, complete an application, and coordinate an internship.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 11-12

### **Internship (fall)**

96302X0F

A student internship is an extensive educational experience to which the student devotes a period of time learning in an occupation directly related to his/her anticipated career choice. The internship position may be paid or unpaid and course credit may be awarded upon successful completion of the internship.

**COURSE NOTE:** It is the student's responsibility to meet with Michele Beaty at NF Woods, complete an application, and coordinate an internship. This internship is for the fall semester.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 11-12

### **Internship (spring)**

96302X0S

A student internship is an extensive educational experience to which the student devotes a period of time learning in an occupation directly related to his/her anticipated

career choice. The internship position may be paid or unpaid and course credit may be awarded upon successful completion of the internship.

**COURSE NOTE:** It is the student's responsibility to meet with Michele Beaty at NF Woods, complete an application, and coordinate an internship. This internship is for the spring semester.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 11-12

## Band

### **Concert Band I (Fall band for non-marchers)**

52552X0F

This course is designed for all 9th Band students that have completed 8th Grade Band. The class is a concert ensemble that provides students with the skills and concepts needed to progress them towards instrument proficiency and prepare them for the remaining years in the band program. Students in the Fall Concert Band do not perform in the competition Marching Band, and are not required to attend Tuesday/Thursday Night rehearsals or Saturday Competitions. They are allowed to perform “in the stands” at home football games on Friday night. This class initially will focus on completing the third level of the chosen Band Method Book, but will eventually focus on performing Concert literature at the Grade III (NCBA) level, and performs a Fall and a Winter Concert.

Course Note: 8th Grade band experience required; 9th Graders must sign up for both Fall and Spring Band to remain in the program.

**COURSE NOTE:** 8th Grade band experience required.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 9

### **Concert Band I (Fall band for non-marchers)**

52552X0F

This course is designed for all 9th Band students that have completed 8th Grade Band. The class is a concert ensemble that provides students with the skills and concepts needed to progress them towards instrument proficiency and prepare them for the remaining years in the band program. Students in the Fall Concert Band do not perform in the competition Marching Band, and are not required to attend Tuesday/Thursday Night rehearsals or Saturday Competitions. They are allowed to perform “in the stands” at home football games on Friday night. This class initially will focus on completing the third level of the chosen Band Method Book, but will eventually focus on performing Concert literature at the Grade III (NCBA) level, and performs a Fall and a Winter Concert.

Course Note: 8th Grade band experience required; 9th Graders must sign up for both Fall and Spring Band to remain in the program.

**COURSE NOTE:** 8th Grade band experience required.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 9

### **Concert Band I (Spring)**

52552X0S

This course is designed for all 9th Band students that have completed 8th Grade Band. The class is a concert ensemble that provides students with the skills and concepts needed to progress them towards instrument proficiency and prepare them for the remaining years in the band program. Students in the

Fall Concert Band do not perform in the competition Marching Band, and are not required to attend Tuesday/Thursday Night rehearsals or Saturday Competitions. They are allowed to perform “in the stands” at home football games on Friday night. This class initially will focus on completing the third level of the chosen Band Method Book, but will eventually focus on performing Concert literature at the Grade III (NCBA) level, and performs a Fall and a Winter Concert.

Course Note: 8th Grade band experience required; 9th Graders must sign up for both Fall and Spring Band to remain in the program.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 9

## **Concert Band II (Fall Marching/Intermediate Concert Band)**

52562X0F

This course is designed for all 10th Grade Band students that have completed band in the 9th Grade and have been approved for Marching Band. The class is designed to further the student’s mastery of their instrument, while working on music for various performances. The students in the class are required to attend all Marching Band rehearsals and performances, and perform in the Competition Band. The band will also perform a Fall and Winter Concert.

Course Note: 9th Grade band experience required; 10th Graders must sign up for both Fall and Spring Band to remain in the program.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 9-12

## **Percussion Techniques (Fall)**

52552X0P

This course is designed for all 9-12th Grade Percussion students that have been approved for Marching Band. The class is designed to further the student’s mastery of their instrument, while working on music for various performances. The students in the class are required to attend all Marching Band rehearsals and performances, and perform in the Competition Band. The band will also perform a Fall and Winter Concert with the other band classes

Course Note: Previous band experience is required.

**COURSE NOTE:** Percussionists only: Prior percussion experience in Middle School or High School required.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 9-12

## **Concert Band II (Spring Intermediate Concert Band)**

52562X0S

This course is designed for all 10th Grade Band students that have completed Fall Band Class. The class is designed to further the student’s mastery of their instrument, while working on music for various performances. The band will focus on performing Concert literature at the Grade IV/V (NCBA) level, and performs at the South Central District MPA, a Spring Concert, and the Graduation Ceremony.

Course Note: 9th Grade band experience required; 10th Graders must sign up for both Fall and Spring Band to remain in the program.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 10-12

**PREREQUISITE:** 52552X0F - Concert Band I (Fall band for non-marchers)

### **Symphonic Band III Honors (Fall Marching/Intermediate Concert Band)**

52575X0F

This course is designed for all 11/12th Grade Band students that have completed band in the 10th Grade and have been approved for Marching Band. The class is designed to further the student's mastery of their instrument, while working on music for various performances. The students in the class are required to attend all Marching Band rehearsals and performances, and perform in the Competition Band. The band will also perform a Fall and Winter Concert.

Course Note: 10th Grade band experience required.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 10-12

**PREREQUISITE:** Concert Band I and/or II

### **Symphonic Band III Honors (Spring Intermediate Concert Band)**

52575X0S

This course is designed for all 11/12th Grade Band students that have completed Fall Band Class. The class is designed to further the student's mastery of their instrument, while working on music for various performances. The band will focus on performing Concert literature at the Grade IV/V (NCBA) level, and performs at the South Central District MPA, a Spring Concert, and the Graduation Ceremony.

Course Note: 10th Grade band experience required.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 10-12

**PREREQUISITE:** Concert Band I and/or II

### **Honors Wind Ensemble IV (Fall Marching/Advanced Concert Band)**

52585X0F

This course is designed for Selected Advanced 12th Grade Band students. The class is designed to further the student's mastery of their instrument, while working on music for various performances. While there may be some non-marchers in this class, most of the the students in the class are required to attend all Marching Band rehearsals and performances, and perform in the Competition Band. The band will also perform a Fall and Winter Concert.

Course Note: Must be selected by Audition.

**CREDIT:** 1

**TYPE:** 5.0

**GRADE:** 12

**PREREQUISITE:** Concert Band I and/or II and/or Symphonic Band III

### **Honors Wind Ensemble IV (Spring Advanced Concert Band)**

52585X0S

This course is designed for Selected Advanced 12th Grade Band students. The class is designed to further the student's mastery of their instrument, while working on music for various performances. The band will focus on performing Concert literature at the Grade V/VI (NCBA) level, and performs at the South Central District MPA, a Spring Concert, and the Graduation Ceremony.

Course Note: Must be selected by Audition

**CREDIT:** 1

**TYPE:** 5.0

**GRADE:** 12

**PREREQUISITE:** Concert Band I and/or II and/or Symphonic Band III

## **Blue Diamonds**

### **Blue Diamonds Fall Dance Ensemble**

51252X0F

An exploration of movement with equipment including tall and short flag, rifle and saber, along with dance styles and techniques including jazz, hip hop, kick, pom, modern, ethnic, lyrical, and contemporary. Students are coached as a group and receive individual help in development of technique. Students will present a concert for the community and are encouraged to contribute original choreography. These students will comprise the marching band color guard and will work toward perfecting routines for the competition field show, football games, and parades. Fall semester only.

**COURSE NOTE:** Audition required.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 9-12

**OTHER REQUIREMENTS:** Audition only.

### **Honors Dance for Juniors**

51175X0F

### **Honors Color Guard for Juniors**

**COURSE NOTE:** Audition only.

**CREDIT:** 1

**TYPE:** 5.0

**GRADE:** 11

**PREREQUISITE:** 51252X0F - Blue Diamonds Fall Dance Ensemble

### **Honors Dance for Seniors**

51185X0F

### **Honors Color Guard for Seniors**

**COURSE NOTE:** Audition Only.

**CREDIT:** 1

**TYPE:** 5.0

**GRADE:** 12

**PREREQUISITE:** 51252X0F - Blue Diamonds Fall Dance Ensemble

## **Chorus**

### **Mixed Chorus (Fall)**

52302X0F

Course is designed for students with soprano, alto, tenor or bass voices who wish to begin to develop their choral music skills. Proper vocal technique will be emphasized. Music reading skills will be taught through intervallic

ear training and choral singing. Students will participate in performances for the school and community.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 9-12

### **Mixed Chorus (Spring)**

52302X0S

Course is designed for students with soprano, alto, tenor or bass voices who wish to begin to develop their choral music skills. Proper vocal technique will be emphasized. Music reading skills will be taught through intervallic ear training and choral singing. Students will participate in performances for the school and community.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 9-12

Advanced Mixed Chorus (Fall)

52312X0F

Course is designed for students with soprano, alto, tenor or bass voices who wish to continue to develop their choral music skills. Proper vocal technique will be emphasized. Advanced music reading skills will be taught through intervallic ear training and choral singing. Students will participate in performances for the school and community.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 10-12

**PREREQUISITE:** 52302X0F - Mixed Chorus (Fall) **or** 52302X0S - Mixed Chorus (Spring)

### **Advanced Mixed Chorus (Spring)**

52312X0S

Course is designed for students with soprano, alto, tenor or bass voices who wish to continue to develop their choral music skills. Proper vocal technique will be emphasized. Advanced music reading skills will be taught through intervallic ear training and choral singing. Students will participate in performances for the school and community.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 10-12

### **Honors Choir Fall**

52325X0F

Course is designed for advanced chorus students. Students will perform all Honors Chorus A requirements at a higher level. Students are required to attend and critique two concerts each semester. An arts education course may be taken by a student for honors credit only one time.

**CREDIT:** 1

**TYPE:** 5.0

**GRADE:** 11-12

### **Spring Honors Choir**

52325X0S

Course is designed for advanced chorus students. Students will perform all Honors Chorus A requirements at a higher level. Students are required to attend and critique two concerts each semester. An arts education course may be taken by a student for honors credit only one time.

**CREDIT:** 1

**TYPE:** 5.0

**GRADE:** 11-12

**OTHER REQUIREMENTS:** Audition only.

Cultural Arts

## **Mixed Chorus (Fall)**

52302X0F

Course is designed for students with soprano, alto, tenor or bass voices who wish to begin to develop their choral music skills. Proper vocal technique will be emphasized. Music reading skills will be taught through intervallic ear training and choral singing. Students will participate in performances for the school and community.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 9-12

## **Mixed Chorus (Spring)**

52302X0S

Course is designed for students with soprano, alto, tenor or bass voices who wish to begin to develop their choral music skills. Proper vocal technique will be emphasized. Music reading skills will be taught through intervallic ear training and choral singing. Students will participate in performances for the school and community.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 9-12

## **Theatre Arts I & II**

53152X0S

These courses are for beginning and intermediate level students interested in the exploration of all forms of theatre excellence. Courses include work in various acting techniques, basic understanding of stage and script writing, and technical theatre concepts. The study of various types of dramas and musicals and their cultural significance in our society will be studied. Attendance at scheduled rehearsals is part of the overall performance requirement.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 9-12

## **Theatre Arts II**

53162X0S

These courses are for beginning and intermediate level students interested in the exploration of all forms of theatre excellence. Courses include work in various acting techniques, basic understanding of stage and script writing, and technical theatre concepts. The study of various types of dramas and musicals and their cultural significance in our society will be studied. Attendance at scheduled rehearsals is part of the overall performance requirement.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 9-12

## **Advanced Mixed Chorus (Fall)**

52312X0F



Course is designed for students with soprano, alto, tenor or bass voices who wish to continue to develop their choral music skills. Proper vocal technique will be emphasized. Advanced music reading skills will be taught through intervallic ear training and choral singing. Students will participate in performances for the school and community.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 10-12

**PREREQUISITE:** 52302X0F - Mixed Chorus (Fall) **or** 52302X0S - Mixed Chorus (Spring)

### **Advanced Mixed Chorus (Spring)**

52312X0S

Course is designed for students with soprano, alto, tenor or bass voices who wish to continue to develop their choral music skills. Proper vocal technique will be emphasized. Advanced music reading skills will be taught through intervallic ear training and choral singing. Students will participate in performances for the school and community.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 10-12

Concert Band II (Spring Intermediate Concert Band)

52562X0S

This course is designed for all 10th Grade Band students that have completed Fall Band Class. The class is designed to further the student's mastery of their instrument, while working on music for various performances. The band will focus on performing Concert literature at the Grade IV/V (NCBA) level, and performs at the South Central District MPA, a Spring Concert, and the Graduation Ceremony.

Course Note: 9th Grade band experience required; 10th Graders must sign up for both Fall and Spring Band to remain in the program.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 10-12

**PREREQUISITE:** 52552X0F - Concert Band I (Fall band for non-marchers)

Symphonic Band III Honors (Fall Marching/Intermediate Concert Band)

52575X0F

This course is designed for all 11/12th Grade Band students that have completed band in the 10th Grade and have been approved for Marching Band. The class is designed to further the student's mastery of their instrument, while working on music for various performances. The students in the class are required to attend all Marching Band rehearsals and performances, and perform in the Competition Band. The band will also perform a Fall and Winter Concert.

Course Note: 10th Grade band experience required.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 10-12

**PREREQUISITE:** Concert Band I and/or II

Symphonic Band III Honors (Spring Intermediate Concert Band)

52575X0S

This course is designed for all 11/12th Grade Band students that have completed Fall Band Class. The class is designed to further the student's mastery of their instrument, while working on music for various performances. The band will focus on performing Concert literature at the Grade IV/V (NCBA) level, and performs at the South Central District MPA, a Spring Concert, and the Graduation Ceremony.

Course Note: 10th Grade band experience required.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 10-12

**PREREQUISITE:** Concert Band I and/or II

Honors Dance for Juniors

51175X0F

Honors Color Guard for Juniors.

**COURSE NOTE:** Audition only.

**CREDIT:** 1

**TYPE:** 5.0

**GRADE:** 11

**PREREQUISITE:** 51252X0F - Blue Diamonds Fall Dance Ensemble

### **Honors Theatre Arts III**

53175X0S

Course is designed for beginning and intermediate level students interested in the exploration of all forms of theatre excellence. Students will complete coursework in various acting techniques such as the Alexander and Suzuki methods; movement, speech, voice; understanding stage management, directing, technical staging and production; as well as understanding higher level audition techniques, full scale acting and performing. Attendance at scheduled rehearsals is part of the overall performance requirement.

**COURSE NOTE:** Audition and director recommendation required.

**CREDIT:** 1

**TYPE:** 5.0

**GRADE:** 11-12

### **Spring Honors Choir**

52325X0S

Course is designed for advanced chorus students. Students will perform all Honors Chorus A requirements at a higher level. Students are required to attend and critique two concerts each semester. An arts education course may be taken by a student for honors credit only one time.

**CREDIT:** 1

**TYPE:** 5.0

**GRADE:** 11-12

**OTHER REQUIREMENTS:** Audition only.

### **Musical Theatre Class**

53610X0S

No previous training or experience is required. Performance-oriented class in which basic skills of acting, singing and dancing will be explored. Students will present scenes and songs in class and learn techniques for both speaking and singing in character. Audition techniques, Musical theater history and legends of the Broadway stage will also be discussed. This class will also present opportunities to work as peer buddies for EC students. Performance opportunities throughout the semester. Open to 9-12 graders. This class is offered only in the spring semester.

**COURSE NOTE:** Course offered in spring semester only.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 9-12

## **Theatre Arts I & II**

53152X0S

These courses are for beginning and intermediate level students interested in the exploration of all forms of theatre excellence. Courses include work in various acting techniques, basic understanding of stage and script writing, and technical theatre concepts. The study of various types of dramas and musicals and their cultural

significance in our society will be studied. Attendance at scheduled rehearsals is part of the overall performance requirement.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 9-12

## **Theatre Arts II**

53162X0S

These courses are for beginning and intermediate level students interested in the exploration of all forms of theatre excellence. Courses include work in various acting techniques, basic understanding of stage and script writing, and technical theatre concepts. The study of various types of dramas and musicals and their cultural

significance in our society will be studied. Attendance at scheduled rehearsals is part of the overall performance requirement.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 9-12

## **Honors Theatre Arts III**

53175X0S

Course is designed for beginning and intermediate level students interested in the exploration of all forms of theatre excellence. Students will complete coursework in various acting techniques such as the Alexander and Suzuki methods; movement, speech, voice; understanding stage management, directing, technical staging and production; as well as understanding higher level audition techniques, full scale acting and performing. Attendance at scheduled rehearsals is part of the overall performance requirement.

**COURSE NOTE:** Audition and director recommendation required.

**CREDIT:** 1

**TYPE:** 5.0

**GRADE:** 11-12

## **English**

### **College Preparatory English 9**

10212X0SC

Designed for students who want a challenging English experience in preparation for a four year university or community college. Extensive reading, effective writing, critical and creative thinking, and accomplished speaking skills are required. Students will also be exposed to introductory research skills.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 9

## **Honors English 9**

10215X0S

Designed for the highly competitive college bound student and for those who wish to take AP level English courses in their junior or senior years. This course involves critical thinking, engaged reading, powerful writing, convincing speaking skills, and rigorous performance levels. Completion of summer reading and related assignments are required.

**CREDIT:** 1

**TYPE:** 5.0

**GRADE:** 9

## **English as a Second Language (ESL) (FALL)**

10382X0F

Designed for students whose native language is other than English and who are Limited English Proficient (LEP). Students who are considered LEP and do not score fluent on the IPT test of English proficiency skills are required to enroll in ESL.

**COURSE NOTE:** Identified by ESL teacher.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 9-12

## **English as a Second Language (ESL) (SPRING)**

10382X0S

Designed for students whose native language is other than English and who are Limited English Proficient (LEP). Students who are considered LEP and do not score fluent on the IPT test of English proficiency skills are required to enroll in ESL.

**COURSE NOTE:** Identified by ESL teacher.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 9-12

## **Journalism (FALL)**

10312X0F

Students will learn techniques and skills for producing the high school yearbook utilizing communication, writing and listening skills. Students will learn Adobe InDesign, photography, interviewing skills, editorial writing and will meet deadlines. Students must have earned a B in previous semester's English class to enroll in Journalism.

**COURSE NOTE:** Enrollment in the course is contingent on application approval with Ms. Cavicchia. It is the student's responsibility to pick up the application from room 122 and return it by the deadline noted on the application.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 9-12

**PREREQUISITE:** A grade of at least a B in CP, Honors, or AP English.

## **Journalism (SPRING)**

10312X0S

Students will learn techniques and skills for producing the high school yearbook utilizing communication, writing and listening skills. Students will learn Adobe InDesign, photography, interviewing skills, editorial writing and will meet deadlines.

**COURSE NOTE:** Enrollment in the course is contingent on application approval with Ms. Cavicchia. It is the student's responsibility to pick up the application from room 122 and return it by the deadline noted on the application. Students must have earned a B in previous year's English course.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 9-12

**PREREQUISITE:** A grade of at least a B in CP, Honors, or AP English.

## **Public Speaking I**

10142X0S

Designed to train students in the art of public speaking. Students will deliver speeches and will be evaluated upon appropriateness, effectiveness, self confidence, and clarity. Course also focuses on interview and social skills. Preparation for the presentation component of the graduation project will be emphasized.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 9-12

## **College Preparatory English 10**

10222X0SC

Students will explore World Literature. Focus is on the development of critical and creative thinking skills and the improvement of writing skills, including vocabulary and grammar. At the end of the course, students take the state EOC.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 10

**PREREQUISITE:** 10212X0SC - College Preparatory English 9 **or** 10215X0S - Honors English 9

## **Honors English 10**

10225X0S

Designed for the highly competitive college bound student, this course prepares students for Advanced Placement English. Students cover world literature at an advanced pace as they practice necessary thinking, reading, and writing skills. Completion of summer reading and related assignments are required. At the end of this course, students take the state EOC.

**CREDIT:** 1

**TYPE:** 5.0

**GRADE:** 10

**PREREQUISITE:** 10212X0SC - College Preparatory English 9 **or** 10215X0S - Honors English 9

## **Cinematic Technique: Translating Story to Film**

102720S

This course will cover the history of film, cinematic techniques, film genres (comedy, adventure, western, horror, "weepies", animation, etc.), film movements (realism, expressionism, etc.), documentary films, and film review and critique. Students will learn how visual design, color, music, acting, special effects, CGI, film style, sound effects, and camera angle and movement influence the viewer. Students will also examine the social and cultural impacts of film while viewing films and film

clips from the the first captured moving image to films in the theaters today. Completion of film journals on each film is required in this course, as is a directorial study of one director's work.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 10-12

## **Creative Writing**

10252X0SCW

Designed for students who have a solid command of basic composition skills. Students develop imagination, listening, reading, research, and editing. Special focus on individual writing style. This course can be repeated for Level II credit. Level II students will write longer, in-depth works and will create literary collections compiled into a portfolio.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 10-12

## **Sports in Literature**

10102X0S

Students study non-fiction and fiction literature in which athletics play a major role. Special emphasis is on literary techniques and sports. Course requires extensive reading and culminates in a major class service project.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 10-12

## **Advanced English Language 11 (fall)**

10265X0S

Fall semester course taken before AP English Language/English III. Students enroll in this course the semester before they enroll in AP English Language/English III.

**COURSE NOTE:** Writing samples, completion of all summer reading and associated assignments required.

**CREDIT:** 1

**TYPE:** 5.0

**GRADE:** 11

**PREREQUISITE:** 10222X0SC - College Preparatory English 10 **or** 10225X0S - Honors English 10

**COREQUISITES:** If you take this course, you must also take 10357X0S - Advanced Placement English Language 11 (spring)

## **Advanced Placement English Language 11 (spring)**

10357X0S

Students are required to read, analyze, and write about essays, speeches, biographies, criticisms, and journals from a variety of authors. Special emphasis is placed on narrative, expository, and argumentative writing. All

students are expected to take the AP exam in May. Completion of summer reading and related assignments are required for entrance in the class in the fall. Completion of a research paper is required for course credit.

**CREDIT:** 1

**TYPE:** 6.0

**GRADE:** 11

**COREQUISITES:** If you take this course, you must also take 10265X0S - Advanced English Language 11 (fall)

## **College Preparatory English 11**

10232X0SC

Designed for highly motivated students who desire an accelerated program. Course emphasizes major writers, literary movements, literature, and analysis of American literature. Successful completion of a research paper is required for credit in the course.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 11

**PREREQUISITE:** 10222X0SC - College Preparatory English 10 **or** 10225X0S - Honors English 10

## **Honors English 11**

10235X0S

Designed for the highly competitive college bound student, this course focuses on critical and creative thinking skills, reviews English grammar skills, develops vocabulary, literary, and writing skills. Special emphasis is placed on American Literature. Successful completion of a research paper is required for credit in the course. Completion of summer reading and related assignments are required.

**CREDIT:** 1

**TYPE:** 5.0

**GRADE:** 11

**PREREQUISITE:** 10222X0SC - College Preparatory English 10 **or** 10225X0S - Honors English 10

## **Advanced English Literature (Fall)**

10275X0S

This is the first part of the AP English Literature 12 Class taken in the fall. All students who take this class will take the AP portion in the spring semester.

**COURSE NOTE:** Writing samples, completion of all summer reading and associated assignments required.

**CREDIT:** 1

**TYPE:** 5.0

**GRADE:** 12

**PREREQUISITE:** 10232X0SC - College Preparatory English 11 **or** 10235X0S - Honors English 11 **or** 10265X0S - Advanced English Language 11 (fall)

**COREQUISITES:** If you take this course, you must also take 10367X0S - Advanced Placement English Literature 12 (spring)

## **Advanced Placement English Literature 12 (spring)**

10367X0S

This course is designed for students who wish to undertake college level studies. Special emphasis on British literature genres, examining authors' styles, composition, vocabulary, and critical thinking skills. A research component, senior project, and senior project presentation are necessary for successful completion of course. Completion of summer reading and associated assignments is required for course entrance. All students are expected to take the AP exam.

**CREDIT:** 1

**TYPE:** 6.0

**GRADE:** 12

**COREQUISITES:** If you take this course, you must also take 10275X0S - Advanced English Literature (Fall)

## **College Preparatory English 12**

10242X0SC

Designed for students who want a challenging English experience in preparation for attendance at a four-year university or community college. This course focuses on British literature, vocabulary, writing, critical thinking, and literature analysis. A research component, senior project, and senior project presentation are required to receive credit for the course. Completion of summer reading and related assignments are recommended.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 12

**PREREQUISITE:** 10235X0S - Honors English 11 **or** 10357X0S - Advanced Placement English Language 11 (spring) **or** 10232X0SC - College Preparatory English 11

## **Honors English 12**

10245X0S

This course focuses on British Literature, literature analysis, engaged reading, and powerful writing. A research component, senior project, and senior project presentation are required to receive credit for the course. Completion of summer reading and related assignments are required.

**CREDIT:** 1

**TYPE:** 5.0

**GRADE:** 12

**PREREQUISITE:** 10232X0SC - College Preparatory English 11 **or** 10235X0S - Honors English 11 **or** 10265X0S - Advanced English Language 11 (fall)

## **General Electives**

### **Curriculum Assistance**

96100X0S

This course is designed to provide additional academic assistance to students. Students may earn an elective credit while receiving additional time and teacher assistance for assignments in any class. Organization, study skills, note taking, and test preparation are also emphasized. Students must complete basic skills activities pertaining to the core curriculum areas each day and are required to complete a specified number of individualized units to earn this credit.

**COURSE NOTE:** Current IEP, teacher recommendation required.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 9-12

### **Teen Leadership**

96102X0STL

Teen Leadership is a program in which students develop leadership, professional, and business skills. They learn to develop a healthy self-concept, healthy relationships, and learn to understand the concept of personal responsibility. They will develop an understanding of Emotional Intelligence and the skills it measures, which include self-awareness, self control, self-motivation, and social skills. Students will develop skills in public



speaking and communication and an understanding of personal image. They will develop an understanding of decisions. They will develop an understanding of the effects of peer pressure, will develop skills to counteract those effects, and will develop problem-solving skills. They will develop an understanding of the principles of parenting, enabling them to become better family members and citizens. They will also develop an understanding of the need for vision in goal-setting, personally and professionally.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 9-12

## **Help Desk**

96102X0FHD

Students will work in the Mooresville High School Help Desk with Mr. Sherrill. As they learn to troubleshoot issues on the laptops, they will also learn how to repair common computer problems. There is the potential to travel to neighboring schools as a Help Desk Representative. Please speak with Mr. Sherrill if you are interested in taking this class.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 11-12

## **Help Desk**

96102X0SHD

Students will work in the Mooresville High School Help Desk with Mr. Sherrill. As they learn to troubleshoot issues on the laptops, they will also learn how to repair common computer problems. There is the potential to travel to neighboring schools as a Help Desk Representative. Please speak with Mr. Sherrill if you are interested in taking this class.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 11-12

## **Internship (fall)**

96302X0F

A student internship is an extensive educational experience to which the student devotes a period of time learning in an occupation directly related to his/her anticipated career choice. The internship position may be paid or unpaid and course credit may be awarded upon successful completion of the internship.

**COURSE NOTE:** It is the student's responsibility to meet with Michele Beaty at NF Woods, complete an application, and coordinate an internship. This internship is for the fall semester.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 11-12

## **Internship (spring)**

96302X0S

A student internship is an extensive educational experience to which the student devotes a period of time learning in an occupation directly related to his/her anticipated career choice. The internship position may be paid or unpaid and course credit may be awarded upon successful completion of the internship.

**COURSE NOTE:** It is the student's responsibility to meet with Michele Beaty at NF Woods, complete an application, and coordinate an internship. This internship is for the spring semester.

**CREDIT:** 1  
**TYPE:** 4.0  
**GRADE:** 11-12

### **Media Assistant**

96082X0S

Students in this course provide a school service, by shelving and shelf-reading books in the media center, by checking in and out books, and by doing a variety of other duties assigned by the media specialists.

**CREDIT:** 1  
**TYPE:** 4.0  
**GRADE:** 11-12

**OTHER REQUIREMENTS:** Please speak with Ms. Lehmann or Ms. Kallio before registering for this class.

### **Late Start (Fall Semester)**

99319X0LSF

Students are responsible for arriving to school by the beginning of second block. Students must remain off campus during first block. Students must have earned at least 24 credits by the end of Junior year. NOT RECOMMENDED FOR FOUR-YEAR COLLEGE-BOUND STUDENTS.

**CREDIT:** 0  
**TYPE:**  
**GRADE:** 12

**OTHER REQUIREMENTS:** Parent must sign approval letter with a school counselor or administrator.

### **Late Start (Spring Semester)**

99319X0LSS

Students are responsible for arriving to school by the beginning of second block. Students must remain off campus during first block. Students must have earned at least 24 credits by the end of Junior year. NOT RECOMMENDED FOR FOUR-YEAR COLLEGE-BOUND STUDENTS.

**CREDIT:** 0  
**TYPE:**  
**GRADE:** 12

**OTHER REQUIREMENTS:** Parent must sign approval letter with a school counselor or administrator.  
Office Assistant

99319X0S

No description available

**CREDIT:** 0  
**TYPE:** 4.0  
**GRADE:** 12

## **Physical Education**

### **Health/PE NJROTC**

61022X0J

This course is to be taken in conjunction with Naval JROTC I, which will give students two consecutive semesters of NJROTC I. These students do not enroll in a separate Health/PE course.

**CREDIT:** 1  
**TYPE:** 4.0  
**GRADE:** 9

**COREQUISITES:** If you take this course, you must also take 95012X0S - Naval JROTC I

## **Health/Physical Education**

63022X0S

Course teaches ninth grade students behaviors that contribute to a healthful lifestyle and improved quality of life. This class has two major components: health and physical education. The two major components are further divided into nine content areas: stress management, substance abuse, nutrition and weight management, selfprotection, relationships, personal fitness, games and sports. Students who are enrolled in NJROTC do not sign up for this course.

**COURSE NOTE:** ONLY 9th grade students may register for this course.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 9

## **Athletic Weight Training for Athletes (Spring)**

62022X0WS

Athletic Weight Training Spring (Grades 9-11). Course will focus on weight training and drills specific to sports participants. Students will take this class in spring semester.

**COURSE NOTE:** Students who enroll in this course **MUST** be on an MHS sports Team.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 9-11

**PREREQUISITE:** 63022X0S - Health/Physical Education

## **Weight Training for Football (Spring)**

62022X0FS

Course will focus on weight training and drills specific to football. Course is open to varsity and junior varsity football players. Spring.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 9-11

## **Adaptive Physical Education Mentors**

62022X0SAP

This class is for students who want to work with adaptive physical education students. The mentors will be paired with an adaptive PE student and will help them engage in and achieve their adaptive PE goals. This class will be great for students who are interested in pursuing physical therapy, occupational therapy, or special education!

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 10-12

## **Athletic Weight Training for Athletes (Fall)**

62022X0WF

Athletic Weight Training Fall (10-12) Courses will focus on weight training and drills specific to sports participants. Fall. Must have passed 9th grade health PE. Students will take this class during the fall semester.

**COURSE NOTE:** Students who enroll in this class **MUST** be on an MHS sports team.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 10-12

**PREREQUISITE:** 63022X0S - Health/Physical Education

## **Physical Fitness I**

62022X0W

This is an advanced physical education class that will focus on the five components of fitness: cardiovascular endurance, muscular strength, muscular endurance, flexibility, and body composition. Activities will consist of weight training, speed training, cardiovascular training, and agility activities.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 10-12

## **Recreational Games**

62022X0RG

Students will engage in games that are lifetime recreational activities. For example, ladder ball, corn hole, can jam, horse shoes, etc. A daily fitness component is part of the class description as well.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 10-12

## **Sports Medicine**

96122X0S

This course provides a detailed study of modern athletic training. Special emphasis is placed on human anatomy, mechanism of, prevention of, and rehabilitation of athletic injuries. Course is designed for students who wish to have an in-depth study of the human body and sports injuries. Students are required to work an athletic event.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 10-12

## **Sports Medicine II**

96122X0SII

Course is an in-depth study of athletic injuries, assessment, injury prevention, and rehabilitation. Course is designed to have students help with after school athletic events and assist trainer with practices and games. It is recommended that students have a grade of at least 85 in Sports Medicine I.

**COURSE NOTE:** Teacher approval required.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 10-12

**PREREQUISITE:** 96122X0S - Sports Medicine

## **Team Sports**

62022X0I

Class involves teaching the following sport activities: touch football, indoor soccer, volleyball, basketball, softball, handball, and hockey. This class will also have a daily fitness component.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 10-12

## **Weight Training for Football (Fall)**

62022X0FF

Course will focus on weight training and drills specific to football. Course is open to varsity and junior varsity football players. Fall.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 10-12

## **Mathematics**

### **Foundations of Math I**

20502X0S

Course covers the fundamentals for Math I for students who need a slower pace to master the skills of Math I. The following topics are covered: number sense, solving equations, factoring, polynomials, slope, and graphing.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 9

**COREQUISITES:** If you take this course, you must also take 21032X0 - Math I

### **Math I**

21032X0

The fundamental purpose of Math I is to extend the mathematics that students learned in the middle grades and lay the foundation for future mathematics courses. Students will focus on the five major units and official areas of study:

- (1) Relationships Between Quantities & Reasoning with Equations,
- (2) Linear & Exponential Relationships
- (3) Descriptive Statistics
- (4) Expressions & Equations and
- (5) Quadratic Functions & Modeling.

Throughout these units, student will deepen and extend their understanding of linear and exponential relationships by contrasting them with one another, applying linear models to data that exhibit linear trends and engaging in methods for analyzing, solving and using quadratic functions. The standards for this course require students to practice applying mathematical ways of thinking to real world issues and challenges and prepare students to think and reason mathematically. This course is taught in one semester as opposed to one year. Students taking this course need a strong working mathematical background in Pre-Algebra and be able to adjust to a fast-paced environment. Math I has an End of Course exam on which students need to score a level three or higher.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 9-11

### **Honors Math II**

22015X0

Math II students will study a variety of functions with emphasis on modeling and applications. A graphing calculator will be used to investigate these functions. They will vary in type with an emphasis on quadratics. Students will become more skilled in rewriting expressions, using exponential properties, and solving equations. Students will investigate the geometric concepts of congruence and similarity with transformations. They will apply geometric theorems about triangles, parallel lines, and circles. Students will compute and interpret probabilities of compound events and conditional probabilities. Students are facilitators of their own learning. A grade of "B" or higher in Math I is recommended.

**CREDIT:** 1  
**TYPE:** 5.0  
**GRADE:** 9-12  
**PREREQUISITE:** 21032X0 - Math I

## **Math II**

22012X0

Math II students will study a variety of functions with emphasis on modeling and applications. A graphing calculator will be used to investigate these functions. They will vary in type with an emphasis on quadratics. Students will become more skilled in rewriting expressions, using exponential properties, and solving equations. Students will investigate the geometric concepts of congruence and similarity with transformations. They will apply geometric theorems about triangles, parallel lines, and circles. Students will compute and interpret probabilities of compound events and conditional probabilities.

**CREDIT:** 1  
**TYPE:** 4.0  
**GRADE:** 9-12  
**PREREQUISITE:** 21032X0 - Math I

## **Algebra II**

23002X0S

Course continues students' study of advanced algebraic concepts including functions, polynomials, rational expressions, systems of functions, conics, statistics and trigonometry. Students are expected to describe and translate among graphics, algebraic, numeric, tabular, and verbal representations of relations and use those representations to solve problems. Emphasis is placed on practical applications and modeling. Appropriate technology, from manipulatives to calculators and application software, is used regularly for instruction and assessment.

**CREDIT:** 1  
**TYPE:** 4.0  
**GRADE:** 10-12

## **Honors Algebra II**

23005X0S

No description available

**CREDIT:** 1  
**TYPE:** 5.0  
**GRADE:** 10-12

## **Honors Math III**

23015X0

Course builds on the concepts presented in both Math I and Math II. The course goes more in depth and expands further on the concepts of functions to polynomial functions, rational functions, radical functions, exponential functions, and logarithmic functions. Right triangle trigonometry concepts will expand to include general triangles. Geometric concepts will be merged with functions to create models and to solve contextual problems. The course will go deeper into statistical thought by applying methods from probability and statistics to draw inferences and conclusions from data. In addition, students apply topics through projects.

**CREDIT:** 1  
**TYPE:** 5.0  
**GRADE:** 10-12  
**PREREQUISITE:** 22015X0 - Honors Math II or 22012X0 - Math II

## **Math III**

23012X0

Course builds on the concepts presented in both Math I and Math II. The course expands the concepts of functions to polynomial functions, rational functions, radical functions, exponential functions, and logarithmic functions. Right triangle trigonometry concepts will expand to include general triangles. Geometric concepts will be merged with functions to create models and to solve contextual problems. The course will go deeper into statistical thought by applying methods from probability and statistics to draw inferences and conclusions from data.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 10-12

**PREREQUISITE:** 22015X0 - Honors Math II **or** 22012X0 - Math II

## **Advanced Functions and Modeling**

24002X0S

Advanced Functions and Modeling continues the development of conceptual understanding and application of functions and mathematical modeling of real world situations for those students who need additional time to work on their geometry and algebra skills. Students will learn through technology, projects, and course work. The following topics are covered: polynomials, logarithms, exponential functions, probability and statistics, trigonometry, and data analysis.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 11-12

**PREREQUISITE:** 23012X0 - Math III **or** 23015X0 - Honors Math III **or** 23002X0S - Algebra II **or** 23005X0S - Honors Algebra II

## **Advanced Calculus (Fall)**

25005X0S

This course is taken the fall semester before AP Calculus. Students enroll in this course the same year they enroll in AP Calculus AB.

**CREDIT:** 1

**TYPE:** 5.0

**GRADE:** 11-12

**COREQUISITES:** If you take this course, you must also take 25017X0S - Advanced Placement Calculus AB (Spring)

## **Advanced Placement Calculus AB (Spring)**

25017X0S

Course covers topics in differential and integral calculus. Emphasis is placed on development of the students' understanding of the concepts of calculus with problems and results being expressed graphically, numerically, analytically, and verbally. All students enrolled in the course are expected to take the Calculus AB exam.

**CREDIT:** 1

**TYPE:** 6.0

**GRADE:** 11-12

**PREREQUISITE:** 24035X0S - Honors Pre-Calculus

**COREQUISITES:** If you take this course, you must also take 25005X0S - Advanced Calculus (Fall)

## **Advanced Placement Statistics**

27105X0H

Course follows the outline set forth by the College Board. Topics included are descriptive statistics (collecting and analyzing data), experimental design (sampling and randomization), probability, and statistical inference. Students will rely on the graphing calculator to perform most of the required calculations, but emphasis will be placed on interpreting the underlying concepts behind the numbers and drawing conclusions from the numbers. All students enrolled in the class are expected to take the AP Statistics exam in May.

**CREDIT:** 1

**TYPE:** 6.0

**GRADE:** 11-12

**PREREQUISITE:** 23012X0 - Math III **or** 23015X0 - Honors Math III **or** 23005X0S - Honors Algebra II **or** 23002X0S - Algebra II

## **Honors Advanced Functions and Modeling**

24005X0

Honors Advanced Functions and Modeling is a course for college bound students above Math III/Honors Math III. The course can be a student's final math course or act as a bridge between Math III and Pre-calculus for those students looking to continue their study of math. The following topics are covered: polynomials, logarithms, exponential functions, probability and statistics, trigonometry, and data analysis.

**CREDIT:** 1

**TYPE:** 5.0

**GRADE:** 11-12

**PREREQUISITE:** 23012X0 - Math III **or** 23015X0 - Honors Math III **or** 23002X0S - Algebra II **or** 23005X0S - Honors Algebra II

## **Honors Discrete Mathematics**

24015X0S

Course includes real-life examples of discrete mathematics in situations that include consumption of goods, fair division of property, game theory, voting, and sequences. Course introduces students to the mathematics of networks, social choice, and decision making. Students will extend application of matrix arithmetic and probability. Applications and modeling are central to the course.

**CREDIT:** 1

**TYPE:** 5.0

**GRADE:** 11-12

**PREREQUISITE:** 24035X0S - Honors Pre-Calculus

## **Honors Pre-Calculus**

24035X0S

Course consists of advanced algebraic topics and an extensive study of trigonometry that will prepare students for Calculus. Topics include coordinate and analytical geometry, domain and range of graphs, piecewise functions, composition of functions, graphs of polynomial, rational, exponential and logarithmic functions, vectors and parametric equations.

**CREDIT:** 1

**TYPE:** 5.0

**GRADE:** 11-12

**PREREQUISITE:** Honors Math III or Advanced Functions and Modeling or Honors Advanced Functions and Modeling.



## **Advanced Placement Calculus BC**

25027X0S

Course continues the study of topics in differential and integral calculus begun in AP Calculus AB. Course is comparable to the first two Calculus courses taught in many colleges and universities. All students enrolled in the course are expected to take an AP Calculus Exam in the Spring.

**CREDIT:** 1

**TYPE:** 6.0

**GRADE:** 12

**OTHER REQUIREMENTS:** Approval from Calculus teacher required.

## **NJROTC**

### **Health/PE NJROTC**

61022X0J

This course is to be taken in conjunction with Naval JROTC I, which will give students two consecutive semesters of NJROTC I. These students do not enroll in a separate Health/PE course.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 9

**COREQUISITES:** If you take this course, you must also take 95012X0S - Naval JROTC I

### **Naval JROTC I**

95012X0S

The Naval Junior Reserve Officers' Training Corps Program is a progressive four-year coeducational elective course offering one credit per semester towards graduation. Students will be introduced to the meaning of citizenship, the elements of leadership, and the value of scholarship in attaining life goals; promote an awareness of the importance of a healthy lifestyle, including physical fitness, a proper diet, and controlling stress; drug awareness; provide the principles of health and first aid, geography and survival skills and an overview of Naval ships and aircraft. These elements are pursued at the fundamental level.

**COURSE CONTENT:** Includes introduction to the NJROTC program; introduction to Leadership, Citizenship and the American Government; introduction to Wellness, Fitness, and First Aid to include diet, exercise and drug awareness, introduction to Geography, Orienteering, Survival and Map Reading Skills; Financial Skills and introduction to the U. S. Navy.

Lessons are further enhanced by out-of-classroom field trips, drill team and rifle team competitions, public color guard and marching performances. Cadets are required to wear a uniform (provided at no cost) one day per week and adhere to prescribed grooming standards. This course of instruction provides students with an opportunity to accept responsibility, build self-confidence, and participate in activities that would not normally be experienced in school

**COURSE NOTE:** ROTC I is a full year course. Students are expected to honor their commitment of choosing the course and remain in the course for both semesters.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 9-12

**COREQUISITES:** If you take this course, you must also take 61022X0J - Health/PE NJROTC

### **Naval JROTC II - Fall**

95022X0F

The Naval Junior Reserve Officers' Training Corps Program is a progressive four-year coeducational elective course offering one credit per semester towards graduation. Naval Science 2 will build on the general introduction provided in Naval Science 1, to further develop the traits of citizenship and leadership, and to introduce cadets to the technical areas of naval science and the role of the U. S. Navy in maritime history and the vital importance of the world's oceans to the continued well-being of the United States.

**COURSE CONTENT:** Includes ongoing instruction into Leadership; introduction to Maritime History, including the American Revolution, Civil War, the rise of the U. S. to world power status, World Wars 1 and 2, the Cold War Era and the 1990s and Beyond; introduction to Nautical Sciences to include Maritime Geography, Oceanography, Meteorology, Astronomy, and Physical Sciences.

Lessons are further enhanced by out-of-classroom field trips, drill team and rifle team competitions, public color guard and marching performances. Cadets are required to wear a uniform (provided at no cost) one day per week and adhere to prescribed grooming standards. This course of instruction provides students with an opportunity to accept responsibility, build self-confidence, and participate in activities that would not normally be experienced in school.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 10-12

**PREREQUISITE:** 95012X0S - Naval JROTC I

## **Naval JROTC II - Spring**

95022X0S

The Naval Junior Reserve Officers' Training Corps Program is a progressive four-year coeducational elective course offering one credit per semester towards graduation. Naval Science 2 will build on the general introduction provided in Naval Science 1, to further develop the traits of citizenship and leadership, and to introduce cadets to the technical areas of naval science and the role of the U. S. Navy in maritime history and the vital importance of the world's oceans to the continued well-being of the United States.

**COURSE CONTENT:** Includes ongoing instruction into Leadership; introduction to Maritime History, including the American Revolution, Civil War, the rise of the U. S. to world power status, World Wars 1 and 2, the Cold War Era and the 1990s and Beyond; introduction to Nautical Sciences to include Maritime Geography, Oceanography, Meteorology, Astronomy, and Physical Sciences.

Lessons are further enhanced by out-of-classroom field trips, drill team and rifle team competitions, public color guard and marching performances. Cadets are required to wear a uniform (provided at no cost) one day per week and adhere to prescribed grooming standards. This course of instruction provides students with an opportunity to accept responsibility, build self-confidence, and participate in activities that would not normally be experienced in school.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 10-12

**PREREQUISITE:** 95012X0S - Naval JROTC I

## **Naval JROTC III - Fall**

95032X0F

The Naval Junior Reserve Officers' Training Corps Program is a progressive four-year coeducational elective course offering one credit per semester towards graduation. Students in Naval Science 3 will gain a broader understanding of operative principles of military leadership, the concept and significance of teamwork, the intrinsic value of good order and discipline in the accomplishment of objectives, and the importance of sea power and national security. Students gain a more in-depth knowledge of Naval ships and aircraft and an introduction to marine navigation and seamanship.

**COURSE CONTENT:** Includes instruction in Sea Power and National Security, Naval Operations and Support Functions, Military Law, and International Law and the Sea. Provides introduction to Ship Construction and Damage Control, Shipboard Organization and Watch Standing, Basic Seamanship, Marine Navigation, and Naval Weapons and Aircraft. Ongoing instruction in leadership, citizenship and discipline.

Lessons are further enhanced by out-of-classroom field trips, drill team and rifle team competitions, public color guard and marching performances. Cadets are required to wear a uniform (provided at no cost) one day per week and adhere to prescribed grooming standards. This course of instruction provides students with an opportunity to accept responsibility, build self-confidence, and participate in activities that would not normally be experienced in school.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 11-12

**PREREQUISITE:** 95022X0F - Naval JROTC II - Fall **or** 95022X0S - Naval JROTC II - Spring

### **Naval JROTC III - Spring**

95032X0S

The Naval Junior Reserve Officers' Training Corps Program is a progressive four-year coeducational elective course offering one credit per semester towards graduation. Students in Naval Science 3 will gain a broader understanding of operative principles of military leadership, the concept and significance of teamwork, the intrinsic value of good order and discipline in the accomplishment of objectives, and the importance of sea power and national security. Students gain a more in-depth knowledge of Naval ships and aircraft and an introduction to marine navigation and seamanship.

**COURSE CONTENT:** Includes instruction in Sea Power and National Security, Naval Operations and Support Functions, Military Law, and International Law and the Sea. Provides introduction to Ship Construction and Damage Control, Shipboard Organization and Watch Standing, Basic Seamanship, Marine Navigation, and Naval Weapons and Aircraft. Ongoing instruction in leadership, citizenship and discipline.

Lessons are further enhanced by out-of-classroom field trips, drill team and rifle team competitions, public color guard and marching performances. Cadets are required to wear a uniform (provided at no cost) one day per week and adhere to prescribed grooming standards. This course of instruction provides students with an opportunity to accept responsibility, build self-confidence, and participate in activities that would not normally be experienced in school.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 11-12

**PREREQUISITE:** 95022X0F - Naval JROTC II - Fall **or** 95022X0S - Naval JROTC II - Spring

### **Naval JROTC IV - Fall**

95042X0F

The Naval Junior Reserve Officers' Training Corps Program is a progressive four-year coeducational elective course offering one credit per semester towards graduation. The Naval Science 4 course is focused primarily on practical leadership techniques and implementation. The intent is to assist seniors in understanding leadership and improving their leadership skills by putting them in positions of leadership, under supervision, then helping them analyze the reasons for their varying degrees of success throughout the year. Classroom activities include seminars, reading assignments, classroom presentations, and practical work with younger cadets. Seniors are mentored/guided in their preparation for life after high school to include college preparation, scholarship applications, and the variety of choices that are available to them.

**COURSE CONTENT:** Includes instruction in theoretical and applied aspects of leadership, training, and evaluation of performance. Students will become aware of the techniques used to create motivation, develop goals and activities for a work group, and the proper ways to set a leadership example. Students are provided access to ACT/SAT prep courses, guidance in selecting a college and pursuing available scholarships, and mentoring in establishing long range life goals.

Lessons are further enhanced by out-of-classroom field trips, drill team and rifle team competitions, public color guard and marching performances. Cadets are required to wear a uniform (provided at no cost) one day per week and adhere to prescribed grooming standards. This course of instruction provides students with an opportunity to accept responsibility, build self-confidence, and participate in activities that would not normally be experienced in school.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 12

**PREREQUISITE:** 95032X0F - Naval JROTC III - Fall **or** 95032X0S - Naval JROTC III - Spring

## **Naval JROTC IV - Spring**

95042X0S

The Naval Junior Reserve Officers' Training Corps Program is a progressive four-year coeducational elective course offering one credit per semester towards graduation. The Naval Science 4 course is focused primarily on practical leadership techniques and implementation. The intent is to assist seniors in understanding leadership and improving their leadership skills by putting them in positions of leadership, under supervision, then helping them analyze the reasons for their varying degrees of success throughout the year. Classroom activities include seminars, reading assignments, classroom presentations, and practical work with younger cadets. Seniors are mentored/guided in their preparation for life after high school to include college preparation, scholarship applications, and the variety of choices that are available to them.

**COURSE CONTENT:** Includes instruction in theoretical and applied aspects of leadership, training, and evaluation of performance. Students will become aware of the techniques used to create motivation, develop goals and activities for a work group, and the proper ways to set a leadership example. Students are provided access to ACT/SAT prep courses, guidance in selecting a college and pursuing available scholarships, and mentoring in establishing long range life goals.

Lessons are further enhanced by out-of-classroom field trips, drill team and rifle team competitions, public color guard and marching performances. Cadets are required to wear a uniform (provided at no cost) one day per week and adhere to prescribed grooming standards. This course of instruction provides students with an opportunity to accept responsibility, build self-confidence, and participate in activities that would not normally be experienced in school.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 12

**PREREQUISITE:** 95032X0S - Naval JROTC III - Spring **or** 95032X0F - Naval JROTC III - Fall

## **Occupational Course of Study - Students taking these courses have a current IEP and are teacher recommended.**

### **Occupational English I**

92100X0S

Students apply reading and writing skills to interpret and express information. Special emphasis is placed on oral language skills and the importance of various communication modes.

**COURSE NOTE:** Current IEP, teacher recommendation required.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 9

## **Occupational Mathematics I**

92200X0S

Course continues the study of computation, financial management, time and measurement, independent living, and technology. Students acquire skills through hands-on approaches and cooperative learning.

**COURSE NOTE:** Current IEP, teacher referral required.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 9

## **Occupational Preparation I**

92400X0S

Course is designed to introduce students to the fundamental attitudes, behaviors, and habits needed to obtain and maintain employment in their career choice and make career advancements. Students will participate in school-based learning activities including work ethic development, job-seeking skills, decision-making skills, and self-management. Students will be involved in on-campus vocational training activities such as participation in School Based Enterprises and hands-on vocational training in Workforce Development Education courses. Students will continue earning the required 300 School Based Enterprise hours. Formal career planning and development of knowledge regarding transition planning begins in this course. This course is a spring course that follows Career Training I.

**COURSE NOTE:** Current IEP, teacher recommendation required.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 9

## **Career Training I**

96280X0S

Course is designed to introduce Occupational Course of Study students to hands-on job skills. Students will begin work toward their 300 required hours of School-based Training. Evaluations and assessments from this course will help students determine their career pathway.

**COURSE NOTE:** Current IEP, teacher recommendation required.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 9-10

## **Occupational Life Skills Science I**

00010X0HS

Students will receive instruction in the provision of first aid and accessing medical care. Course provides students with the knowledge necessary to practice safety in all areas of life and maintain a healthy lifestyle.

**COURSE NOTE:** Current IEP, teacher recommendation required.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 9-11

## **Occ Prep IIA**

92410X0P

Course emphasizes the development of skills generic to all career majors: resource management, communication, interpersonal relationship skills, technology, stamina, endurance, safety, mobility skills, motor skills, teamwork, sensory skills, problem solving, cultural diversity, information acquisition/management, and self-management. Course content focuses on providing students with a repertoire of basic skills that will serve as a foundation for future career application. Students will expand their school-based learning activities to include oncampus jobs and begin earning the required 240 hours of Community Based Training. Students will also continue to earn their required 300 School Based Enterprise Hours. Course is two blocks and is offered in the spring only.

**COURSE NOTE:** Prerequisite required and 100+ School Based Enterprise hours.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 9-12

**PREREQUISITE:** 92400X0S - Occupational Preparation I

## **Occ Prep IIB**

92410X0S

Course emphasizes the development of skills generic to all career majors: resource management, communication, interpersonal relationship skills, technology, stamina, endurance, safety, mobility skills, motor skills, teamwork, sensory skills, problem solving, cultural diversity, information acquisition/management, and self-management. Course content focuses on providing students with a repertoire of basic skills that will serve as a foundation for future career application. Students will expand their school-based learning activities to include oncampus jobs and begin earning the required 240 hours of Community Based Training. Students will also continue to earn their required 300 School Based Enterprise Hours. Course is two blocks and is offered in the spring only.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 10

## **Occupational English II**

92110X0S

Designed to enforce reading and comprehension for a variety of functional texts. Students learn to analyze and employ effective communication strategies in daily living and employment settings.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 10

## **Occupational Mathematics II**

92210X0S

In this course more emphasis is placed on application and problem solving in the areas of financial management, reading and interpreting schedules, time and measurement, independent living using technology, hands-on approaches, and cooperative learning.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 10

**PREREQUISITE:** 92200X0S - Occupational Mathematics I

## **Occupational Life Skills Science II**

92320X0S

Students will develop basic, functional knowledge of science concepts in the areas of earth science, environmental science, and physical science. Students will also develop skills in the area of healthy relationships.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 10-12

**PREREQUISITE:** 00010X0HS - Occupational Life Skills Science I

### **Occupational English III**

92120X0S

Students identify main concepts and supporting information from printed material. Students examine the speaking skills expected in a variety of settings and demonstrate effective oral communication in each.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 11

### **Occupational Mathematics III**

92220X0S

Course emphasizes the application of skills previously learned. Students demonstrate application of the skills in the community and places of employment.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 11

**PREREQUISITE:** 92210X0S - Occupational Mathematics II

### **Career Training II**

96281X0S

Course continues Career Training I. Students will complete their 300 hours of School-based training and will continue to define their pathways.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 11-12

**PREREQUISITE:** 96280X0S - Career Training I

### **Occupational Preparation IIIA**

92420X0P

Course is designed to allow students to continue the development and begin the application of skills learned in Occupational Preparation I and II. Work-based learning activities are provided, including completion of the required 300 School Based Enterprise hours and completion of the 240 Community Based Training hours. Other work-based learning activities include job shadowing, job sampling, internships, situational assessment, cooperative education, and apprenticeships. These work-based activities allow students to apply employability skills to competitive employment settings and demonstrate the effectiveness of their work personality. Multiple opportunities for leadership development and self-determination are provided. Course is two blocks and is offered in the fall only.

**COURSE NOTE:** Prerequisite required and 200+ School Based Enterprise Hours, 120+ Community Based Training hours.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 11-12

**PREREQUISITE:** 92410X0P - Occ Prep IIA

## **Occupational Preparation IIIB**

92420X0S

Course is designed to allow students to continue the development and begin the application of skills learned in Occupational Preparation I and II. Work-based learning activities are provided, including completion of the required 300 School Based Enterprise hours and completion of the 240 Community Based Training hours. Other work-based learning activities include job shadowing, job sampling, internships, situational assessment, cooperative education, and apprenticeships. These work-based activities allow students to apply employability skills to competitive employment settings and demonstrate the effectiveness of their work personality. Multiple opportunities for leadership development and self-determination are provided. Course is two blocks and is offered in the fall only.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 11-12

## **Occupational Social Studies I**

92450X0S

Course provides students with the basic economic, government, and political knowledge they need to become responsible citizens and consumers. Students learn the historical background of the development of the United States, including the Constitution and amendments, the three branches of government, and major laws that affect citizens.

**COURSE NOTE:** Current IEP, teacher recommendation required.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 11-12

## **Occupational Social Studies II**

92460X0S

Course covers topics related to living and participating in a community, such as voting, making informed decisions, using community resources, and living in a family.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 11-12

**PREREQUISITE:** 92450X0S - Occupational Social Studies I

## **Occupational English IV**

92131X0S

Students integrate oral, written, and visual skills to communicate effectively in a variety of daily living and employment situations. Students utilize written communication for explanatory, argumentative, self-advocacy, and social purposes.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 12

## **Occupational Preparation IV**

92430X0S

This course gives students the opportunity to synthesize all the skills acquired in previous Occupational Preparation courses and apply them to their personal career choice. Course allows students to solve work-related problems experienced in competitive employment, practice self-advocacy skills and master the theoretical and practical aspects of their career choice. Students finish completing the 360 hours of



integrated competitive employment in a community setting required for successful completion of the Occupational Course of Study. Students also will develop a job placement portfolio that provides an educational and vocational record of their high school experience. Fall semester only.

**COURSE NOTE:** Prerequisite required and 300+ School Based Enterprise hours, 240+ Community Based Training hours.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 12

**PREREQUISITE:** 92400X0S - Occupational Preparation I **or** 92410X0P - Occ Prep IIA **or** 92420X0P - Occupational Preparation IIIA

## **NCVPS-North Carolina Virtual Public School**

### **NCVPS Fall**

99319X0VP1

NCVPS offers students a unique opportunity to enhance their learning by taking classes online that are not offered at Mooresville High School. Students may choose to take an online class as one of their four (4) classes during the day or as an extra class (a 5th hour) to be completed outside the school day.

NCVPS classes are available to all students in the North Carolina and are filled on a first come first serve basis. It is important to plan ahead and meet with your school counselor regarding NCVPS classes during our registration period. Just like when choosing classes at MHS, once you are registered for the class, you are committed to taking the class for the entire length of the course (one semester or full year).

NCVPS classes are rigorous, please do not register for an NCVPS class thinking it will be an easy way to earn a credit. NCVPS classes on average require at least 90 minutes EACH and EVERY day to learn content and then an additional 60 - 90 minutes a day for homework and projects. NCVPS classes which require labs will not be offered.

Prior to receiving approval to take an NCVPS class, students must complete a registration packet. No student will be registered for an NCVPS class until the NCVPS registration packet is complete and returned to their school counselor by the deadline.

**COURSE NOTE:** Register for your online class with your school counselor. See a list of courses by visiting [www.NCVPS.org](http://www.NCVPS.org).

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 10-12

### **NCVPS Spring**

99319X0VP2

NCVPS offers students a unique opportunity to enhance their learning by taking classes online that are not offered at Mooresville High School. Students may choose to take an online class as one of their four (4) classes during the day or as an extra class (a 5th hour) to be completed outside the school day.

NCVPS classes are available to all students in the North Carolina and are filled on a first come first serve basis. It is important to plan ahead and meet with your school counselor regarding NCVPS classes during our registration period. Just like when choosing classes at MHS, once you are registered for the class, you are committed to taking the class for the entire length of the course (one semester or full year).

NCVPS classes are rigorous, please do not register for an NCVPS class thinking it will be an easy way to earn a credit. NCVPS classes on average require at least 90 minutes EACH and EVERY day to learn content and then an additional 60 - 90 minutes a day for homework and projects. NCVPS classes which require labs will not be offered.

Prior to receiving approval to take an NCVPS class, students must complete a registration packet. No student will be registered for an NCVPS class until the NCVPS registration packet is complete and returned to their school counselor by the deadline.

**COURSE NOTE:** Register for your online class with your school counselor. See a list of courses by visiting [www.NCVPS.org](http://www.NCVPS.org).

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 10-12

## Science

### **Honors Biology**

33205X0S

This course is a more accelerated study of Biology and is recommended for students who plan to take AP Biology and/or pursue a science related career. Students are introduced to the smallest forms of life, complex organisms, life processes and activities, and become aware of living things around them. Course includes lab sessions. Biology is a graduation requirement and a score of level 3 or 4 on the End of Course Test is required for course credit.

**CREDIT:** 1

**TYPE:** 5.0

**GRADE:** 9-10

**PREREQUISITE:** 21032X0 - Math I

### **Environmental Earth Science**

35012X0S

Course offers a practical study of the Earth's composition, features, forces, and processes. Students will explore and evaluate population, resources, and the environments' interconnectedness. This course also explores the atmosphere, the oceans, and meteorology.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 9-12

### **Biology**

33202X0S

Students are introduced to the smallest forms of life, complex organisms, life processes and activities, and become aware of living things around them. Course includes lab sessions. Biology is required for graduation and a score of 3 or 4 on the End of Course Test is required for course credit.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 10-12

**PREREQUISITE:** 35012X0S - Environmental Earth Science **or** 35015X0S - Honors Environmental Earth Science

### **Chemistry**

34202X0S

Course emphasizes problem solving and critical thinking in the classroom and laboratory work. Students study the composition, structure, behavior, and interactions of matter. Chemistry is a requirement for nurse's training and NC Scholars. Course contains laboratory sessions.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 10-12

**PREREQUISITE:** 22012X0 - Math II **or** 22015X0 - Honors Math II

## **Honors Chemistry**

34205X0S

Course is a more rigorous treatment of Chemistry. Rigorous math skills are required in problem solving and will have more emphasis on laboratory work. Course will cover additional topics not covered in Chemistry.

**COURSE NOTE:** It is recommended that students complete Honors Biology before selecting this course.

**CREDIT:** 1

**TYPE:** 5.0

**GRADE:** 10-12

**PREREQUISITE:** 22012X0 - Math II **or** 22015X0 - Honors Math II

## **Marine Science**

35352X0S

Marine Science is an elective that gives students an overview of aquatic ecosystems with an emphasis on the ecosystems of North Carolina. The course will review some basic biological and ecological concepts and the focus on invasive species, freshwater communities, fish identification and anatomy, oceanography, the ocean floor and plate tectonics and the plants and the plants and animals that live in the ocean.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 10-12

**PREREQUISITE:** 33205X0S - Honors Biology **or** 33202X0S - Biology

## **Physical Science**

34102X0S

Course introduces students to the basic principles of chemistry and physics. Students explore the laws of motion and gravity. Forms of energy and the study of the atom receive special emphasis.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 10-12

**PREREQUISITE:** 21032X0 - Math I

## **Honors Environmental Earth Science**

35015X0S

Course is designed as a more accelerated study of Environmental Earth Science. This course is recommended for the academically motivated student and demands more independent research and study. Honors Environmental Earth Science offers the student a practical study of earth's composition, features, forces, and processes. Students will explore and evaluate population, resources, and the environments' interconnectedness. This course also explores the atmosphere, oceans and meteorology.

**COURSE NOTE:** This course is only for students who have taken Math I in the 8th grade, have taken Honors Biology and Honors Chemistry/Chemistry by sophomore year or juniors who have not yet taken Environmental Earth Science who are not taking Advanced Placement Environmental Science.

**CREDIT:** 1

**TYPE:** 5.0

**GRADE:** 11

**PREREQUISITE:** Math I and any level of Biology or Chemistry.

### **Advanced Placement Biology (spring)**

31007X0S

Course includes a more in-depth treatment of the topics covered in Honors Biology with additional emphasis on laboratory work. Course is offered for students who intend to pursue areas of study where a deeper understanding of Biology is required. All students are expected to take the AP Exam in May.

**CREDIT:** 1

**TYPE:** 6.0

**GRADE:** 11-12

**COREQUISITES:** If you take this course, you must also take 33125X0A - Pre Advanced Placement Biology (fall)

### **Advanced Placement Chemistry (spring)**

34217X0S

AP chemistry is a more in depth look at the topics covered in Honors Chemistry with an additional emphasis on lab work. Some additional topics such as organic chemistry and forensics are also covered. If you love science and math, then it is a great way to challenge yourself. All students are required to take the AP Exam.

**CREDIT:** 1

**TYPE:** 6.0

**GRADE:** 11-12

**PREREQUISITE:** 34215X0S - Pre Advanced Placement Chemistry (fall) **or** 24035X0S - Honors Pre-Calculus

### **Advanced Placement Environmental Earth Science (spring)**

31107X0AP

This section of the course will involve Environmental Science in action. Students will complete and design labs that build on the content learned in the Pre-AP semester. There will be extensive field work in this semester which involves going outside and working with the natural environment. Students will conduct research and come up with solutions for the current Environmental Issues locally, nationally and globally. Environmental Stewardship will be an on going theme through out the class and students will complete their year long stewardship project of their choice. Students are expected to take the AP test in May.

**CREDIT:** 1

**TYPE:** 6.0

**GRADE:** 11-12

**PREREQUISITE:** 33205X0S - Honors Biology **or** 34202X0S - Chemistry **or** 34205X0S - Honors Chemistry

**COREQUISITES:** If you take this course, you must also take 35205X0H - Pre Advanced Placement Environmental Earth Science (fall)

### **Honors Anatomy & Physiology**

33305X0S

This course will examine the structure and function of the human body and compare our structure with that of other mammals through dissections. Students are expected to have a strong background in biology and an interest in going further.

**CREDIT:** 1

**TYPE:** 5.0

**GRADE:** 11-12

**PREREQUISITE:** 33205X0S - Honors Biology **or** 33202X0S - Biology

## **Honors Physics**

34305X0S

Honors Physics uses the North Carolina Standard Course of Study for Physics as a foundation for more challenging and advanced study that enriches key topics and broadens the students' view of the larger physics community including current research. Teachers will increase the depth of each topic specified in the Standard Course of Study for Physics. Substantial class time should be devoted to student-directed exploration and experimentation. In addition to the goals and objectives specified in the Standard Course of Study, teachers should include an in-depth study of at least two of the following enrichment topics: optics, nuclear, modern physics, electromagnetism, thermodynamics, or engineering.

Honors Physics is an appropriate course for students with a strong mathematics and science background. Success in Honors Physics 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. High school physical science is NOT a required prerequisite for this course. The Physics End-of-Course test is required to receive honors physics credit. Students may not take Honors Physics in addition to standard level Standard Course of Study Physics.

**COURSE NOTE:** Both Honors Chemistry AND Honors Pre-Calc are both required Pre-Reqs. for this class.

**CREDIT:** 1

**TYPE:** 5.0

**GRADE:** 11-12

**PREREQUISITE:** 34205X0S - Honors Chemistry **or** 24035X0S - Honors Pre-Calculus

## **Pre Advanced Placement Biology (fall)**

33125X0A

Advanced Biology is the fall semester course taken before AP Biology. Students enroll in this course the same year they enroll in AP Biology.

**COURSE NOTE:** It is recommended that Biology and Chemistry pre-reqs are at the honors level.

**CREDIT:** 1

**TYPE:** 5.0

**GRADE:** 11-12

**PREREQUISITE:** 33202X0S - Biology **or** 34202X0S - Chemistry **or** 33205X0S - Honors Biology **or** 34205X0S - Honors Chemistry

**COREQUISITES:** If you take this course, you must also take 31007X0S - Advanced Placement Biology (spring)

## **Pre Advanced Placement Chemistry (fall)**

34215X0S

Pre-AP Chemistry is designed to prepare students to take AP-Chemistry. It is intended primarily for students who are likely to pursue some science-related field of study in college. A more “in-depth” and quantitative approach will be taken in the same topics covered in the Chemistry I course. The Pre-AP Chemistry course will cover approximately 50% of the AP Chemistry curriculum including scientific method, atomic theory, stoichiometry, reaction types and the first law of thermodynamics. In addition, lab safety and laboratory techniques will be emphasized with college level labs that reinforce the material being covered in class. The student electing this course should have a higher-than-average ability in mathematics. It exposes the students to the type of expectations and activities required by the AP program, thereby laying the foundation for success not only in the AP Chemistry program but also ultimately in college course work. Students will take AP Chemistry in the spring semester.

**COURSE NOTE:** It is recommended that the Biology and the Chemistry courses are at the honors level.

Students who take this course, must also take AP Chemistry in the spring.

**CREDIT:** 1

**TYPE:** 5.0

**GRADE:** 11-12

**PREREQUISITE:** 23015X0 - Honors Math III **or** 33202X0S - Biology **or** 34202X0S - Chemistry **or** 33205X0S - Honors Biology **or** 34205X0S - Honors Chemistry

### **Pre Advanced Placement Environmental Earth Science (fall)**

35205X0H

The focus the first semester will be on Earth systems and resources. How humans interact with the Environment and the interrelationships between the different spheres: Biosphere, Geosphere, Atmosphere and Hydrosphere. Lab writing, math, scientific analysis and vocabulary skills will be a huge part of the curriculum so students will have the skills necessary for next semester. Students are expected to take the AP exam in May.

**COURSE NOTE:** Students receive honors credit for this class and must take the AP Environmental Earth Science in the spring semester.

**CREDIT:** 1

**TYPE:** 5.0

**GRADE:** 11-12

**PREREQUISITE:** 33205X0S - Honors Biology **or** 34202X0S - Chemistry **or** 34205X0S - Honors Chemistry **or** 33202X0S - Biology

**COREQUISITES:** If you take this course, you must also take 31107X0AP - Advanced Placement Environmental Earth Science (spring)

## **Social Studies**

### **Advanced Placement World History (spring)**

43037X0

This year long course will explore the rich and expansive history of the human world for a period greater than 10,000 years. You will learn many facts as we journey across the history of the world through time and physical space, but what is of equal importance is the skill set that you will acquire which will both allow and necessitate that you analyze the historical evidence. Five themes which will be used to allow for a frame of reference in our chronological journey through AP World History are: the Interactions between Humans and their Environment; Development and Interactions of Cultures; State Building, expansion and Conflict; Creation, Expansion and Interaction of Economic Systems; and The Development and Transformation of Social Structures.

**COURSE NOTE:** Student take this course in the spring after they have successfully completed Pre Advanced Placement World History. All students are expected to take the AP World History exam in May.

**CREDIT:** 1

**TYPE:** 6.0

**GRADE:** 9

**COREQUISITES:** If you take this course, you must also take 43035X0 - Pre Advanced Placement World History (fall)

### **Pre Advanced Placement World History (fall)**

43035X0

Students will take this course in the fall, followed by AP World History. All students are expected to take the AP World History exam in May.

**COURSE NOTE:** Students will take this course in the fall, followed by AP World History. All students are expected to take the AP World History exam in May.

**CREDIT:** 1

**TYPE:** 5.0

**GRADE:** 9

**COREQUISITES:** If you take this course, you must also take 43037X0 - Advanced Placement World History (spring)

### **Honors World History**

43035X0S

Course challenges and requires students to take greater responsibility for their learning by participating in problem-seeking, problem solving, critical analysis and application, and reflective thinking. Course materials are taught with greater complexity and reflect a differentiated curriculum.

**CREDIT:** 1

**TYPE:** 5.0

**GRADE:** 9-10

### **World History College Preparatory**

43032X0S

Beginning with the rise of social organizations among isolated peoples to the complex interdependence of the 20th century world, this course stresses important events, persons, and trends as they affect the world of the past and the contemporary world. Course emphasizes the origins of world civilizations and the impact of non-Western civilizations on the West and upon world culture.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 9-10

### **Introduction to the Hebrew Bible/Old Testament**

43162X0S

Course is a survey of the Hebrew Bible/Old Testament with an emphasis on the history of the Nation of Israel, including some prophetic literature. Without indoctrination or bias for/against any religious groups, this course studies the contents of the Hebrew Bible/Old Testament as it relates to history, geography, literature, culture, art, and ethics.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 9-12

## **Introduction to the New Testament**

43162X01

Without indoctrination or bias for/against any religious groups or denominations, this course studies the contents of the New Testament as it relates to history, geography, literature, culture, art, and ethics. Students survey the New Testament with an emphasis on the Life and Times of Jesus of Nazareth and the development of the early Christian Church.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 9-12

**PREREQUISITE:** 43162X0S - Introduction to the Hebrew Bible/Old Testament

## **Personal Law**

44012X0S

Course introduces the concepts of crime, crime prevention, the court system, types of law enforcement, juvenile justice issues, current events related to law, and the study of criminology. Special emphasis is placed on the United States Constitution, NC laws, and local laws.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 9-12

## **American History I: The Founding Principles**

43042X0

This first of two courses will begin with the European exploration of the new world through Reconstruction. Students will examine the historical and intellectual origins of the United States exploration and colonial settlement to the Revolutionary and Constitutional eras. Students will learn about the important political and economic factors that contributed to the development of colonial America and the outbreak of the American Revolution as well as the consequences of the Revolution, including the writing and key ideas of the U.S. Constitution. This course will guide students as they study the establishment of political parties, American's westward expansion, the growth of sectional conflict, how that sectional conflict led to the Civil War, and the consequences of the Civil War, including Reconstruction.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 10

**PREREQUISITE:** 43032X0S - World History College Preparatory **or** 43035X0S - Honors World History

## **Honors American History I: The Founding Principles**

43045X0

This honors course is for the student who can work at an accelerated pace and work independently. The content that is covered delves more in depth leading to a deeper understanding. This first of two courses will begin with the European exploration of the new world through Reconstruction. Students will examine the historical and intellectual origins of the United States exploration and colonial settlement to the Revolutionary and Constitutional eras. Students will learn about the important political and economic factors that contributed to the development of colonial America and the outbreak of the American Revolution as well as the consequences of the Revolution, including the writing and key ideas of the U.S. Constitution. This course will guide students as they study the establishment of political parties, American's westward expansion, the growth of sectional conflict, how that sectional conflict led to the Civil War, and the consequences of the Civil War, including Reconstruction.



**CREDIT:** 1

**TYPE:** 5.0

**GRADE:** 10

**PREREQUISITE:** 43032X0S - World History College Preparatory **or** 43035X0S - Honors World History

### **Advanced Old Testament**

43165X00

Course is designed to survey the prophetic and poetic literature of the Old Testament. The historical background, audience, context and message of these books will be discussed and analyzed in class. Students will develop an understanding of the history of the Nation of Israel in light of the prophetic and poetic literature as recorded in the Hebrew Bible/Old Testament. This is one of two advanced Bible courses that is offered on a rotating basis.

**CREDIT:** 1

**TYPE:** 5.0

**GRADE:** 10-12

**PREREQUISITE:** 43162X01 - Introduction to the New Testament **or** 43162X0S - Introduction to the Hebrew Bible/Old Testament

### **Advanced Placement 20th Century US History (Spring)**

43077X0S

Course is a continuation of Introduction to Advanced Placement US History. The focus will be on the 20th Century and the effects on our country and the world. Students will be expected to continue with research, writing of essays, examining documents and becoming prepared for the AP exam which is administered in May. Students will also take the End of Course Test in the Spring. Completion of both levels of AP US History meets the requirements for graduation in North Carolina. Students are expected to take the AP exam in May.

**CREDIT:** 1

**TYPE:** 6.0

**GRADE:** 10-12

**COREQUISITES:** If you take this course, you must also take 47005X0A - Advanced Placement Pre-20th Century US History (Fall)

### **Advanced Placement European History**

43027X0S

Course presents an in-depth study of the political, social, and economic culture and events of Europe between 1450 and 1970. Special emphasis is on strengthening reading comprehension, developing necessary skills to write effective historical essays, and gaining an understanding of European history. Students are expected to take the AP

European History exam in May.

**CREDIT:** 1

**TYPE:** 6.0

**GRADE:** 10-12

### **Advanced Placement Pre-20th Century US History (Fall)**

47005X0A

This course is the fall semester course taken before AP United States History. Students will enroll in this course the same year they enroll in AP United States History.

**CREDIT:** 1

**TYPE:** 5.0

**GRADE:** 10-12

**COREQUISITES:** If you take this course, you must also take 43077X0S - Advanced Placement 20th Century US History (Spring)

### **AP World History (10th - 12th grades Only) Spring**

43037X00

This course will explore the rich and expansive history of the human world for a period greater than 10,000 years. You will learn many facts as we journey across the history of the world through time and physical space, but what is of equal importance is the skill set that you will acquire which will both allow and necessitate that you analyze the historical evidence. Five themes which will be used to allow for a frame of reference in our chronological journey through AP World History are: the Interactions between Humans and their Environment; Development and Interactions of Cultures; State Building, expansion and Conflict; Creation, Expansion and Interaction of Economic Systems; and The Development and Transformation of Social Structures.

**COURSE NOTE:** Only Students in the 10th - 12th grade may take this course.

**CREDIT:** 1

**TYPE:** 6.0

**GRADE:** 10-12

### **20th Century US History**

43012X0S

This course will give students a historical perspective of colonization, formation of our government, and various events to learn about how the past influenced the 20th Century. The course will focus on the 20th Century and its importance in the world today. This course is required to fulfill North Carolina's graduation requirements for US

History. The End of Course Test will be administered following the course.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 11

### **Honors 20th Century US History**

43015X0S

Course focuses on the 20th Century United States beginning with colonization. Students will explore how past events have influenced the present time and determine the options to humankind seeking solutions to problems. Emphasis is placed on the development of critical thought, and concentrates on the thinking, reading, writing, and oral skills necessary for the college bound student. This course is required to fulfill North Carolina's graduation requirements for US History. The End of Course Test will be administered following this course.

**CREDIT:** 1

**TYPE:** 5.0

**GRADE:** 11

### **Advanced Placement Psychology (spring)**

44067X0S

Course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to psychological facts, principals, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice. All students who are willing to accept the challenge of a rigorous academic curriculum should consider AP Psychology. AP

classes require extra time on the part of the student for preparation, individual assignments, and the reading of a much larger number of assignments than would be given to students in regular classes.

**CREDIT:** 1

**TYPE:** 6.0

**GRADE:** 11-12

**COREQUISITES:** If you take this course, you must also take 44035X0H - Pre Advanced Placement Psychology (fall)

## **American History II: The Founding Principles**

43052X0

This is a required course designed to take a look at the history of America from 1865 (the end of the Civil War) to modern times. Students will get an in depth look at how America developed as an industrial power, the growth of urbanization, and how the United States became a world power. Many internal issues will be analyzed along with primary and secondary sources. This will complete the second part of the two parts of the American History credit.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 11-12

**PREREQUISITE:** 43042X0 - American History I: The Founding Principles **or** 43045X0 - Honors American History I: The Founding Principles

## **Honors American History II: The Founding Principles**

43055X0

This is a required course designed to take a closer look at the history of America from 1865 (the end of the Civil War) to modern times. Students will get an in depth look at how America developed as an industrial power, the growth of urbanization, and how the United States became a world power. Many internal issues will be analyzed along with primary and secondary sources. This course will have a stronger writing and analysis component, in combination with key projects. This will complete the second part of the two parts of the American History credit.

**CREDIT:** 1

**TYPE:** 5.0

**GRADE:** 11-12

**PREREQUISITE:** 43042X0 - American History I: The Founding Principles **or** 43045X0 - Honors American History I: The Founding Principles

## **Pre Advanced Placement Psychology (fall)**

44035X0H

Pre-AP Psychology is taken in the fall semester where an honors credit is earned. Students must take the AP Psychology class in the spring semester and will earn an AP credit. Course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice. All students who are willing to accept the challenge of a rigorous academic curriculum should consider AP Psychology. AP classes require extra time on the part of the student for preparation, individual assignments, and the reading of a much larger number of assignments than would be given to students in regular classes.

**COURSE NOTE:** Students must take the AP Psychology class in the spring semester.

**CREDIT:** 1

**TYPE:** 5.0

**GRADE:** 11-12

**COREQUISITES:** If you take this course, you must also take 44067X0S - Advanced Placement Psychology (spring)

### **Advanced Placement Government and Politics (Spring)**

42027X0S

Course provides an analytical perspective on government and politics in the United States and requires familiarity with the various institutions, groups, beliefs, and ideas that constitute US political reality. Spring semester only. Students are expected to take the AP exam in May.

**CREDIT:** 1

**TYPE:** 6.0

**GRADE:** 12

**PREREQUISITE:** 42095X0S - Honors Civics and Economics **or** 42095X0A - Pre-AP Civics & Government (Fall Pre-AP Govt. & Politics) **or** 42092X0S - Civics and Economics

**COREQUISITES:** If you take this course, you must also take 42095X0A - Pre-AP Civics & Government (Fall Pre-AP Govt. & Politics)

### **Civics and Economics**

42092X0S

Course includes basic economic concepts, economic institutions, and reasoned approaches for analyzing economic problems and policies. Other topics include political behavior, decision-makers and their roles, and analysis of political problems. This course is required for graduation and a score of 3 or 4 on the End of Course Test is required for course credit.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 12

### **Honors Civics and Economics**

42095X0S

Course includes intensive simulations, projects involving higher-level thinking skills, a portfolio of news and current event stories following a certain topic or theme, and class presentations. This course is required for graduation and a score of 3 or 4 on the End of Course Test is required for course credit.

**CREDIT:** 1

**TYPE:** 5.0

**GRADE:** 12

### **Pre-AP Civics & Government (Fall)**

42095X0A

This is the first of the two part class. Students will take the North Carolina Final Exam in the fall this portion of the class.

**CREDIT:** 1

**TYPE:** 5.0

**GRADE:** 12

**COREQUISITES:** If you take this course, you must also take 42027X0S - Advanced Placement Government and Politics (Spring)

## **World Languages**

### **French I**

11012X0S

This introductory novice level course is based on common everyday topics to develop listening, speaking and writing communicative skills in French. Grammar is introduced within the context of communication and technology is emphasized to enhance communication. Culture is also explored. Topics include: greetings and replies, family, physical descriptions, clothing, calendar, school, hobbies and leisure and shopping. Class activities focus on producing the language in spoken and written forms as well as task-based projects and presentations. It is highly recommended that students sign up for both level 1 and level 2 in the same school year.

**COURSE NOTE:** We recommend that students sign up for levels 1 and 2 in the same academic year whenever possible.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 9-12

## **French II**

11022X0S

This course continues to develop listening, speaking and writing communication in French on practical everyday topics. Technology is emphasized to enhance communication. Grammar, taught within context, expands to the past tense.

Topics include school, extracurricular activities, health and fitness, house and home, shopping for food and food preparation, daily routine and weekend activities. Class activities focus on producing the language in spoken and written forms as well as task-based projects and presentations. A grade of C or higher in French I is highly recommended. It is highly recommended that students sign up for both level 1 and level 2 in the same school year.

**COURSE NOTE:** We recommend that students sign up for levels 1 and 2 in the same academic year whenever possible.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 9-12

**PREREQUISITE:** 11012X0S - French I

## **French III**

11035X0S

In this honors course students continue developing communication skills towards intermediate proficiency on everyday topics. Extensive technology is used to enhance communication. Grammar is taught within context and expands to include imperfect, past and future tenses. Literature is introduced as cultural knowledge of the French-speaking countries is expanded. This class is taught in French and students are expected to converse primarily in French.

A grade of B or better in French II is recommended.

**CREDIT:** 1

**TYPE:** 5.0

**GRADE:** 10-12

**PREREQUISITE:** 11022X0S - French II

## **French IV**

11045X0S

The student will review and extend grammatical proficiencies and explore the French speaking world through literature, art, and cinema. Students will build vocabulary and increase conversation and writing skills. This course is taught in French. A grade of B or better in French III is recommended.

**CREDIT:** 1

**TYPE:** 5.0

**GRADE:** 10-12

**PREREQUISITE:** 11035X0S - French III

## **French V**

123456

No description available

**CREDIT:** 1

**TYPE:** 5.0

**GRADE:** 11-12

## **German I**

11612X0S

Course is an introduction to the German language and the culture of the countries in which the language is spoken. It will allow students to perform the most basic functions of the language by emphasizing the skills of listening, speaking, reading, and writing, along with the presentation of the fundamental structures of the German language. It is highly recommended that students sign up for both level 1 and level 2 in the same school year.

**COURSE NOTE:** We recommend that students sign up for levels 1 and 2 in the same academic year whenever possible.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 9-12

## **German II**

11622X0S

Through this course students continue to develop listening, speaking, reading, and writing skills in German. Continued vocabulary acquisition and study of grammar will promote these higher-level communication skills. Students will explore cultural differences among German-speaking countries. A grade of C or above in German I is strongly recommended. It is highly recommended that students sign up for both level 1 and level 2 in the same school year.

**COURSE NOTE:** We recommend that students sign up for levels 1 and 2 in the same academic year whenever possible.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 9-12

**PREREQUISITE:** 11612X0S - German I

## **German III**

11635X0S

Students refine their knowledge and understanding of the German language and culture through a study of advanced grammar, readings from works by German authors, and examining contemporary cultures of the German-speaking nations. The course integrates history, linguistics, and literature. A grade of B or above in German II is strongly recommended.

**CREDIT:** 1

**TYPE:** 5.0

**GRADE:** 10-12

**PREREQUISITE:** 11622X0S - German II

## **German IV**

11645X0S

This course is a continuation of German III. Students are provided additional opportunities to expand their listening, speaking, reading, and writing skills. Students continue to study advanced grammar and readings from German authors. Course integrates history, linguistics, and literature. A grade of B or above in German III is strongly recommended.

**CREDIT:** 1

**TYPE:** 5.0

**GRADE:** 11-12

**PREREQUISITE:** 11635X0S - German III

## Spanish I

11412X0

This introductory novice level course is based on common everyday topics to develop listening, speaking and writing communicative skills in Spanish. Grammar is introduced within the context of communication and technology is emphasized to enhance communication. Culture is also explored. Topics include: greetings and replies, family, physical descriptions, clothing, calendar, school, hobbies and leisure and shopping. Class activities focus on producing the language in spoken and written forms as well as task-based projects and presentations. It is highly recommended that students sign up for both level 1 and level 2 in the same school year.

**COURSE NOTE:** We recommend that students sign up for levels 1 and 2 in the same academic year whenever possible.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 10-12

## Spanish II

11422X0S

This course continues to develop listening, speaking and writing communication in Spanish on practical everyday topics. Technology is emphasized to enhance communication. Grammar, taught within context, expands to the simple past tense.

Topics include school, extracurricular activities, shopping for food and popular food dishes, daily routine, house and home, and weekend activities. Class activities focus on producing the language in spoken and written forms as well as task-based projects and presentations. It is highly recommended that students sign up for both level I and level II in the same school year. A grade of C or better in Spanish I is highly recommended.

Students who successfully pass Spanish I as an 8th grade student may register for Spanish II as a freshman, per teacher recommendation.

**COURSE NOTE:** We recommend that students sign up for levels 1 and 2 in the same academic year whenever possible.

**CREDIT:** 1

**TYPE:** 4.0

**GRADE:** 9-12

**PREREQUISITE:** 11412X0 - Spanish I

## Spanish III

11435X0S

In this honors course students continue developing communication skills towards intermediate proficiency on everyday topics. Extensive technology is used to enhance communication. Grammar is taught within context and expands to include more complex present tense grammar points, an in-depth study of the two past tenses, and the future and conditional tenses. Literature is introduced as cultural knowledge of the Spanish-speaking countries is expanded. This class is taught primarily in Spanish and students are expected to converse primarily in Spanish.

A grade of a B or higher in Spanish II is recommended and/or per teacher recommendation.

**CREDIT:** 1

**TYPE:** 5.0

**GRADE:** 10-12

**PREREQUISITE:** 11422X0S - Spanish II

## **Spanish IV**

11445X0S

This honors course continues developing communicative proficiency at a mid to high intermediate level. Verb tenses are completed and in depth cultural studies of various countries continues. Select authentic media resources and literature are incorporated to enhance communicative skills. This class is taught in Spanish and students are expected to converse primarily in Spanish.

**CREDIT:** 1

**TYPE:** 5.0

**GRADE:** 10-12

**PREREQUISITE:** 11435X0S - Spanish III

## **Spanish V**

11455X0S

In this honors course, communicative skills already learned will be fine tuned. Students will become more proficient and confident with the language while refining their vocabulary and grammar. Students are exposed to authentic media selections as well as some literature. This class is taught in Spanish and students are expected to converse primarily in Spanish.

**CREDIT:** 1

**TYPE:** 5.0

**GRADE:** 11-12

**PREREQUISITE:** 11445X0S - Spanish IV

## **Latin III**

12435X0S

Students will review and expand their knowledge of Latin by reading selections from texts written by Roman authors such as Cicero, Julius Caesar, Pliny, and Ovid. These texts will also give students a greater understanding of historical, cultural, and social aspects of Roman society and provide a basis for contemporary comparisons.

**CREDIT:** 1

**TYPE:** 5.0

**GRADE:** 11-12

## **Latin IV**

12445X0S

Students will continue their study of Latin by reading literary texts of the Empire's Golden Age, namely those works by Horace, Ovid, Vergil, Plautus, and Terrence.

**CREDIT:** 1

**TYPE:** 5.0



**GRADE:** 11-12

**PREREQUISITE:** 12435X0S - Latin III