

## MISCELLANEOUS

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### AFJROTC I-AVIATION HISTORY

**Course Code:** 95012X0C      **Fee (if applicable):** n/a

**Offered at:** NHS              **Grade(s):** 9,10,11

**Prerequisite:** Must be able to participate in physical fitness program

This is the introductory course to AFJROTC Aerospace Science and Leadership Education. Students develop skills and self-discipline through class instruction, hands-on activities, and military drill. Academic instruction covers the history of aviation, leadership education, and healthful living. The aviation history course focuses on the development of flight throughout the centuries. The emphasis is on civilian and military contributions to aviation; the development, modernization, and transformation of the Air Force; and a brief astronomical and space exploration history. It is interspersed with concise overviews of the principles of flight to include basic aeronautics, aircraft motion and control, flight power, and rockets. Throughout the course, there are readings, videos, hands-on activities, and in-text and student workbook exercises to guide in the reinforcement of the materials. Communication skills, problem solving, human relations, and logical thinking are a strong part of this course. Cadets are required to participate in physical education training and activities; including fitness training, personal fitness, and individual and team sport skills. All cadets are required to participate in one Saturday activity – the squadron field meet.

### AFJROTC II-SCIENCE OF FLIGHT

**Course Code:** 95022X0C      **Fee (if applicable):** n/a

**Offered at:** NHS              **Grade(s):** 10,11,12 (Seniors must take JROTC III second semester)

**Prerequisite:** AFJROTC I and approval of instructor.

This course is a continuation in the study of Aerospace Science and Leadership Education. Academic emphasis is on the aerospace environment, human requirements of flight, and the principles of flight and navigation. It is interspersed with concise overviews of the principles of flight to include basic aeronautics, aircraft motion and control, flight power, and rockets. Leadership emphasis is on understanding individual and group behavior, improving communication skills, and the introduction to leadership theories. Cadets continue to improve their drill skills and participate in physical training one day each week. Cadet corps activities include holding positions of greater responsibility in the planning and execution of corps projects. The course also offers a wide variety of voluntary after-school activities, including a competitive drill team, cadet clubs and community service projects. Cadets can attend week-long summer leadership camps after completing the course. Cadets are required to participate in physical education training and activities; including fitness testing, personal fitness, team sports, aerobics, and outdoor education skills. All cadets are required to participate in one Saturday activity – the squadron field meet.

### AFJROTC III-HONORS-GLOBAL CULTURAL STUDIES

**Course Code:** 95035X0C      **Fee (if applicable):** n/a

**Offered at:** NHS              **Grade(s):** 11,12

**Prerequisite:** AFJROTC I, II and approval of instructor.

This course is a continuation in the study of Aerospace Science and Leadership Education. Academic emphasis is on a multidisciplinary course titled Global and Cultural Studies that introduces students to various regions of the world from a geographic, historical and cultural perspective. The course provides increased international awareness and insight into foreign affairs that permits a more educated understanding of other cultures and enhanced knowledge of America's interests and role in the world. Leadership emphasis is on life skills such as managing others, stress management, financial management, citizenship, and ethics. Third year cadets put leadership skills learned in AFJROTC I and II into practice by holding leadership roles in the corps of cadets. The honors portion of this course introduces hands-on leadership using the AFJROTC organization as a leadership laboratory. Advanced reading assignments, writing assignments, practical actions, and analysis are requirements for this course. As third year cadet leaders, students learn to analyze and determine the factors contributing to success and failure as they plan and execute projects and activities. All cadets are required to participate in one Saturday activity – the squadron field meet.

### AFJROTC IV-HONORS-PRINCIPLES OF MANAGEMENT

**Course Code:** 95045X0C      **Fee (if applicable):** n/a

**Offered at:** NHS              **Grade(s):** 12

**Prerequisite:** AFJROTC I, II, III and approval of instructor.

This is the advanced course of Aerospace Science and Leadership Education for students, subjects cover the basic elements of survival, principles of management, and preparation for life after high school. The fourth-year cadets apply leadership using AFJROTC organization as a basis for practical actions and analysis. Throughout the year, cadets manage all aspects of cadet corps activities. This hands-on experience affords senior cadets the opportunity to put theories into practice in communication, decision-making, personal interaction, managing, and organizing. At the honors level, cadets apply leadership skills using the AFJROTC organization as a leadership laboratory. Advanced reading assignments, writing assignments, practical actions, and analysis are requirements for this course. A variety of leadership and management styles, personalities, and traits are studied. Cadet corps leaders in the honors class are expected to be active in after-school preparation for corps projects and extracurricular activities, such as the corps competitive drill team. Numerous major group projects are required to fulfill the product requirements of this course. All cadets are required to participate in one Saturday activity – the squadron field meet.

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### AVID

**Course Code:** 9th-96102X01VS **Fee (if applicable):** n/a

10th-96102X02VS  
11th-96102X03VS  
12th-96102X04VS

**Offered at:** All High Schools **Grade(s):** 9,10,11,12

**Prerequisite:** Students new to AVID must complete an application/interview process and be accepted into the AVID program in the spring of each school year. Please contact the school of interest to set up an appointment.

This course/program is designed to prepare students for college success. Students will be taught the WICO-R curriculum (Writing, Inquiry, Collaboration, Organization and Reading) as well as the Cornell note-taking method. Special attention will be given to writing skills to prepare students for college application essays. The students will be required to keep and maintain a binder with materials from all their classes. Tutors will be available to assist students with work from all their classes. Motivational guest speakers and field trips will also be utilized. Upon completion of the school year, the students will turn in a portfolio, highlighting their accomplishments and evidence of their schoolwork.

### ACT PREP

**Course Code:** 96072X0C **Fee (if applicable):** n/a

**Offered at:** NHS, SWHS **Grade(s):** 11

**Prerequisite:** None

ACT Prep is designed to ensure students are fully prepared for the ACT. Through face-to-face instruction, online materials and training in Sylvan speed reading, students are provided the best ACT prep opportunity available. In addition, SylvanTestPrep.com features engaging, expert and personalized instruction, available 24/7 for a full year through on-demand videos and interactive lessons. Instructors will teach an array of test taking strategies to handle every ACT question type. Teachers will review appropriate academic concepts in the areas of grammar, writing skills, vocabulary enrichment, reading comprehension, arithmetic, Algebra, Geometry, trigonometry, interpretation of graphs and tables, and scientific analysis. Each student will receive diagnostic score reports based on their practice ACT performances. Parents will have access to a parent portal which allows them to view their student's progress and test scores.

### SAT PREP

**Course Code:** 96022X0C **Fee (if applicable):** n/a

**Offered at:** WOHS **Grade(s):** 11,12

**Prerequisite:** Successful completion of English I and II

**Recommendation:** Completion of Geometry and intent to attend a college or university that requires the SAT for admission

This course is intended for college-bound juniors and seniors. This course focuses on strategies needed to be successful on the SAT and is designed to improve overall

performance in PSAT/SAT scores. Students can further develop reading skills and mathematical problem solving. Practice tests will be administered throughout the semester for building test-taking skills.

### TEACHER CADET I-HONORS

**Course Code:** 96045X0C **Fee (if applicable):** n/a

**Offered at:** JHS, NHS **Grade(s):** 11

**Prerequisite:** Teacher Cadet Application

The North Carolina Teacher Cadet Program is an innovative, activity-based curriculum designed for high school juniors and seniors who are interested in pursuing a career in the field of education. It is an honors program that details many components of the educational environment and involves students in content, application, observations and teaching in preschool, elementary, middle, and high school. The curriculum is divided into five units of study: the learner, the teacher and training, human growth and development, special education, field experience, and the school. Students learn about different personality types, learning styles, and physical, social and moral development. Field studies, portfolios, journals, and projects are required. Students are required to travel to school sites for observations and field experience. Students may be required to provide their own transportation.

### TEACHER CADET II-HONORS

**Course Code:** 96065X0C **Fee (if applicable):** n/a

**Offered at:** JHS, NHS **Grade(s):** 11,12

**Prerequisite:** Teacher Cadet I and completed application

Students will spend a majority of the course outside of the classroom. The field experiences are the strongest component of the Teacher Cadet Program. It is the students' first glimpse at education "from the other side of the desk," and allows them to discover the joy of teaching first-hand. The purpose of the field experience is to help students formulate an image of what it is like to be a teacher and to implement the knowledge and teaching strategies they acquired in Teacher Cadet I. Field studies, portfolios, journals, and projects are required. Students are required to travel to school sites for observations and field experience. Students may be required to provide their own transportation.