EAHS 2022-23 9TH GRADE ELECTIVE COURSE DESCRIPTIONS

TIER 1 ELECTIVES

Count for both the JumpStart and University TOPS diplomas

Agriscience I
1 Credit Elective

This course provides students with basic knowledge of agriculture and the science applications in agriculture. It includes units in animal science, soil science, plant science, agriculture mechanics, and food science technology and agriculture leadership. Students will be expected to work on all athletic fields and landscaping around the school. Supervised Agricultural Experience (SAE) programs and FFA leadership activities are integral components of the course and provide many opportunities for practical application of instructional competencies and will require work outside of the school day. *Students interested in pursuing a career in a technical field such as welding, electrical, pipefitting, millwright, or carpentry should take **NCCER Tech Core** prior to taking Agriscience I.*

Computer Science I
1 Credit Elective

Prerequisite: Passing score on the Algebra I LEAP 2025 test

This course introduces students to the Science of Computers. It is a project-based course with topics including problem solving, critical thinking, introduction to programming using Java, HTML and Javascript programming for the internet, introduction to mobile application design and Robotics.

General Technology Education (GTE)
1 Credit Elective

This course is designed as an introductory course into the world of industry and technology. Some of the topics covered, but not limited to are: measuring/layout, lettering, sketching, bridge building, model car building, and introduction to computer-aided drafting (CAD). Use of the CAD will assist in identifying the software and hardware, understanding the use of draw and modify commands, how to print/plot a drawing, how to save a drawing, how to edit simple variables such as linetype and create simple 2D and 3D patterns.

Introduction to Business Computer Applications (IBCA)
1 Credit Elective

Designed to prepare students with basic computer application skills, Internet Applications, touch method of operating computer keyboard. Basic skills in Word Processing, Spreadsheet and PowerPoint applications are introduced. This course prepares the student for MOS certification.

NCCER Tech Core
1 Credit Elective

The NCCER Core Curriculum is a prerequisite to all other Level 1 craft curriculum. Its modules cover topics such as Basic Safety, Communication Skills and Introduction to Construction Drawings. Completing this curriculum gives the trainee the basic skills needed to continue education in any craft area he or she chooses. Communication and critical-thinking skills will also be reinforced in this course. This course is a work-based learning course. Supervised Agricultural Experience (SAE) programs and FFA leadership activities are integral components of the course and provide many opportunities for practical application of instructional competencies and will require work outside of the school day.

Speech I
1 Credit Elective

This is a survey course covering the basics of communication skills, public speaking, theater, oral interpretation, and discussion. An objective of the course is to build the student's self-image and assist in his ability to communicate. Non-participation results in project grade of zero.

There may be small district fees associated with some elective classes.

TIER 2 ELECTIVES

Count only for the University TOPS diploma

Advanced Band
1 Credit Elective

Available for all students who have played or are interested in Woodwind, Brass, and Percussion. Experienced Piano and Guitar players welcome. Students will participate in Marching Band, Competitive Marching, Pep Band, and Concert Bands. Other interests include Jazz Band, Small ensembles, Honor Band, Color Guard and Winter Guard.

Art I
1 Credit Elective

Art I is an introductory course open to all students. Composition and creative thinking are developed through a variety of projects. Course counts as TOPS credit in art.

Beginning Choir
1 Credit Elective

Fundamentals course in singing and vocal performance. Competes at district and state levels. Attendance for extra rehearsals, outside performances, and concerts required. Must provide uniform. Course counts as TOPS credit in art.

Computer Electronics I
1 Credit Elective

Prerequisite: Passing score on the Algebra I LEAP 2025 test

This course prepares students for the first exam of the A+ certification. Topics include repairing, building and upgrading hardware, repairing and upgrading laptops, repairing printers, installing and troubleshooting operating systems, repairing and troubleshooting mobile devices and introductory networking concepts. Students receive hands-on experience as in-house campus computer technicians.

Fine Arts Survey
1 Credit Elective

An introduction of works of art in the visual arts, theater, music and dance. This course, modeling itself after many humanities courses, covers major periods and movements, artists, composers, performers and playwrights in Western Civilization. Course counts as TOPS credit in art.

JR ROTC STEM Elective
1 Credit Elective

Prerequisite: Successful completion of NJROTC I

This course is based around the SeaPerch competition, an underwater robotics program where students build an underwater Remotely Operated Vehicle (ROV). Students learn about robotics, engineering, science, and mathematics (STEM) while building an underwater ROV as part of a science and engineering technology curriculum. Throughout the project, students will learn engineering concepts, problem solving, teamwork, and technical applications. Students will be required to uphold the same standards of physical fitness and military grooming as they did in ROTC I.

Principles of Marketing
1 Credit Elective

This course introduces the basic functions of marketing. Students will participate in a restaurant management or retail business simulation. The focus is on salesmanship, consumer behaviors, promotion, and merchandising. Students considering enrolling in Cooperative Marketing Education (CME/DE) their 12th grade year should enroll in Entrepreneurship and Advertising during their 9th, 10th, or 11th grade year. This course prepares students for Customer Service Certification.

Theatre I
1 Credit Elective

This course incorporates the fundamentals of theatre with actual experience in play production and emphasis on acting. Some after-school rehearsals may be required. Non-participation will result in a zero. Course counts as TOPS credit in art.

REPLACEMENTS FOR QUEST FOR SUCCESS
Students taking one or more honors courses in their freshman year may choose to opt out of taking Quest for Success and replace it with one of the courses below.

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Computer Science I*
1 Credit Elective
Prerequisite: Passing score on the Algebra I LEAP 2025 test
This course introduces students to the Science of Computers. It is a project-based course with topics including problem solving, critical thinking, introduction to programming using Java, HTML and Javascript programming for the internet, introduction to mobile application design and Robotics.

Intro to Health Occupations
1 Credit Elective
Prerequisite: GPA at least a 2.5
This course is designed to give students an in-depth study of the careers available in the medical and allied health fields, while also learning medical vocabulary and researching current medical topics. Students are required to create and present a chosen career as a project. Students will gain many of the skills required to become a professional health care worker.

REPLACEMENTS FOR PHYSICAL EDUCATION
The following courses will count for the Physical Education requirement for graduation.

Athletic PE
Students will be placed in athletic PE once a team list is sent to the registrar from the coach for that team. The following athletic groups have an athletic PE: Basketball-Boys, Basketball-Girls, Baseball, Cheer, Colorguard, Football, Soccer, Softball, Spartanettes, Swim Team, Volleyball.

Marching Band (must pair with Advanced Band in the spring semester)

NJROTC I
1 Credit Elective
The Navy Junior Reserve Officer Training Corps program was developed by the U.S. military to emphasize leadership, self-discipline, citizenship, and America's naval heritage. Course content includes drill, as well as classroom instruction in Naval Mission and Organization, Naval Ships, Leadership, Maritime Geography, Naval History, Navigation, Seamanship, Health Education, First Aid, and Drug, Alcohol, and Tobacco Abuse Prevention. Instructors will be retired Navy, Marine Corps, or Coast Guard officers. Uniforms, textbooks, and instructional materials are provided to students. Students must be physically qualified to participate in their school's PE program, must follow military grooming standards, and must meet other academic criteria developed by the school. Students who take both NJROTC I and NJROTC II will fulfill all PE and health requirements for graduation.