



Hudson School District

Curriculum Overview - Alvirne High School (Grade 9-12)

Alvirne High School's core values of Curiosity, Commitment, Character, and Community are the foundation of its competency-based curriculum, designed to ensure that all students learn, practice, and fulfill each of Alvirne's Academic, Social, and Civic Competencies, achieving the vision of the Hudson School District's Portrait of a Graduate. The expansive course offerings—both through academic programs and the Wilbur H. Palmer Career & Technical Education Center (Palmer Center) – provides students with many opportunities to pursue their academic, professional and personal goals.

English

The English program at Alvirne seeks to develop proficiency in our students in all of the fundamental language arts skills that constitute the range of the New Hampshire College and Career Readiness Standards-Aligned curriculum and competency framework: reading, writing, literature, speaking, listening and viewing, research, critical thinking, and communications.

Alvirne's English department courses provide a variety of opportunities for meaningful engagement. During their junior year, students fulfill an English and Social Studies credit through the Humanities course which provides a reflective examination of humanity and the human experience through a study of history and literature. In their senior year, the capstone course allows students to demonstrate the culmination of their skills, knowledge, understanding, and passion through an individualized, project-based experience.

Mathematics

Alvirne's math curriculum is built on the New Hampshire College and Career Readiness Standards aligned curriculum and competency framework for Mathematics. This supports best instructional practices in developing critical-thinking skills through problem-solving that has real-life application. Alvirne offers a wide array of math courses, ranging from pre-algebra to AP calculus. Additional math electives are offered through the CTE department.

Science

The Science department at Alvirne aligns its competencies and learning targets to the New Hampshire K-12 Model Science Competencies and the Next Generation Science Standards (NGSS). Science courses at Alvirne provide an applied, inquiry, and lab-based approach to learning. Alvirne offers a large selection of science courses, including core sequential courses as well as electives. Additional science electives are offered through the CTE department.

Fine Arts

Courses in fine arts are offered at Alvirne with the belief that exposure to the arts is an essential aspect of a person's personal, social, and cultural evolution. The goal of the arts program at Alvirne High School is to develop each student's ability to create, present, respond, and connect in a way that is both practical and meaningful to the student. Alvirne's fine arts courses are aligned with the National Core Arts Standards and promote artistic expression through the development of skills and techniques, conceptual composition, and the creation of performance or product for an authentic audience.

Social Studies

Alvirne High School's social studies curriculum is aligned to the K-12 New Hampshire Curriculum Frameworks. Social Studies helps students acquire knowledge, judgment, and skills to participate intelligently and responsibly in their role as citizens of a democracy. Courses develop the essential skills of reading and writing, using media and technology, interpreting documents and data, conducting research, and participating in discussions. Social studies courses at Alvirne align with both state and national standards for social studies instruction.

World Language

The study of a world language exposes students to different perspectives, increasing their understanding of both their own culture and the world at large. It also prepares students for meaningful participation in a global society. Students are presented with both grammar and vocabulary in context and are encouraged to express themselves in the target language as soon as possible. Awareness of cultural differences and similarities is also essential to a complete language education. Interdisciplinary themes allow students to use the language they acquire to gain exposure to a variety of cultures and human experiences.

Wellness (Health & P.E.)

The wellness program at Alvirne aligns its competencies and learning targets to the Shape America standards. Required courses offer an integrated, holistic approach to health and lifetime physical fitness, while a variety of electives allow students to explore their interests and advance their skills and knowledge.

CTE (Career & Technical Education)

Please visit the Wilbur H. Palmer Career & Technical Education Center curriculum overview.