NORTHVIEW Nation

Information Technology Pathway

OVERVIEW

The Information Technology pathways acquaint students with a variety of disciplines, tools, and concepts spanning Programming, Computer Science, and Information Technology. Students actively apply computational thinking, logic, problem-solving, and algorithms in their learning journey.

Introduction to Software Technology

Introduction to Software Technology is the foundational course for pathways like Cloud Computing, Computer Science, Game Design, Internet of Things, Programming, Web and Digital Design, and Web Development. Designed for high school students, the course imparts essential knowledge in programming languages, software development, app creation, and user interfaces through hands-on activities in a computer lab.

FUN FACTS

- Get set for dynamic projects, real-world challenges, and a learning journey that remains consistently engaging.
- Uncover practical skills applicable in school, future careers, and everyday situations.
- Develop confidence, sharpen teamwork skills, and step into the leadership role you are destined for.

AP Computer Science Principles

This college-level course establishes the groundwork for understanding the concepts and challenges of computer science and its societal implications. Students enhance their creativity and problem-solving abilities to devise solutions for issues they deem significant.

AP Computer Science A

AP Computer Science A serves as an introductory college-level course in computer science. Students develop their coding proficiency by analyzing, writing, and testing code while delving into concepts such as modularity, variables, and control structures..

NO PRE-REQUISITES

Discover three classes, each providing a distinct experience. Select any sequence—take one, take two, or take all three. Upon completing the entire set, you achieve a pathway diploma seal and cord.

Introduction to Software Technology (11.44600)
AP Computer Science Principles (11.01900)
AP Computer Science A (11.01600)