



Engineering & Applied Mathematics



ABOUT THE PATHWAY

Students in the Engineering and Applied Mathematics pathway focus on planning, managing, providing scientific research, and professional and technical services (e.g., physical science, biomedical, geo science, bio chemistry, engineering).

Follow the Engineering and Applied Mathematics pathway to explore these exciting careers:

- Engineer
- Mechanical Drafter
- Quality Technician
- Atmospheric & Space Scientist
- Technical Writer
- And Many More!

\$ Annual wage range: \$35,000-\$100,000

PATHWAY LOCATIONS

East, North, Northeast Magnet, Northwest, Southeast & West High Schools

STUDENT ORGANIZATIONS

SkillsUSA Kansas, TSA, Vex Robotics

PROGRAM COURSES

INTRODUCTION: Engineering Essentials (8th Grade)

TECHNICAL: Principles of Applied Engineering, Robotics, Intro to Engineering Design

APPLICATION: Aerospace Engineering, Aerospace Engineering Lab, Civil Engineering & Architecture, Digital Electronics, Computer Integrated Manufacturing, Engineering Design & Development, Workplace Experience-Engineering