

ENGINEERING & TECHNOLOGY

Engineering & Technology combines hands-on projects to prepare students for the most challenging postsecondary engineering and technology programs. Students will build solid writing, comprehension, calculation, problem-solving, and technical skills. In addition to classroom and laboratory experiences, Engineering & Technology students participate in the Technology Student Association (TSA). Activities in Technology Student Association promote leadership skills, high standards of craft quality, scholarship, and safety.

Possible college majors for Engineering & Technology students include architectural, biomedical, chemical, civil, computer, computer science, electrical, environmental, industrial, manufacturing, materials, mechanical, and nuclear engineering and engineering technology. Career opportunities in these fields generally involve planning, managing, and providing scientific research and professional and technical services. The demand for skilled engineers in the United States far outpaces the current supply, so the future looks bright for students who want to follow an engineering-related career.

Engineering Pathway

Course 1 - Foundations Engineering & Technology

Course 2 - Engineering Concepts

Course 3 - Engineering Applications

National Certification

Upon the completion of the Engineering and Technology Pathway, students may earn a national credential with successful completion in the End-of-Pathway Assessment.

CTSO

Technology Student Association (TSA) is the Career and Technical Student Organization for Engineering & Technology.