

B.S. in Mechanical Engineering

The Bachelor of Science in Mechanical Engineering prepares students for engineering careers in fields such as aerospace, robotics, energy, automotive, biomedical, and manufacturing.

The **Daytona Beach Campus** provides students with a strong foundation in mechanical systems with extensive hands-on experience in our engineering labs. Students pursuing a Mechanical Engineering degree must complete one of four different tracks: Biomedical Systems, Energy Systems, High-Performance Vehicles, and Robotics and Autonomous Systems. The Bachelor of Science in Mechanical Engineering is accredited by the Engineering Accreditation Commission (<https://www.abet.org/accreditation/accreditation-criteria/criteria-for-accrediting-engineering-programs-2025-2026/>) of ABET (<https://www.abet.org/>), under the commission's General Criteria and Program Criteria for Mechanical and Similarly Named Engineering Programs.

The **Prescott Campus** provides a solid foundation in basic engineering that enables students to explore advances in mechanical engineering, ranging from the small world of nanotechnology and micro-electromechanical systems to the vastness of space systems. Students will focus on a wide variety of automated machines, design propulsion systems like jet engines and rocket motors, or develop new energy conversion and storage systems. Students pursuing a Mechanical Engineering degree must complete one of three different tracks: Robotics, Propulsion Systems, and Energy Systems. The Mechanical Engineering program is accredited by the Engineering Accreditation Commission of ABET (<https://www.abet.org/>), under the commission's General Criteria and Program Criteria for Mechanical and Similarly Named Engineering Programs.

The **Worldwide Campus** provides students with a strong foundation in the design and analysis of mechanical systems, preparing students to tackle complex engineering challenges in aerospace, energy, robotics, and advanced manufacturing. Through flexible online coursework supported by experienced faculty, students will explore subjects like robotics, energy systems, and aerospace applications. The program emphasizes real-world problem-solving and practical design skills, providing students with the knowledge and hands-on experience necessary to excel in a variety of technical engineering careers. Students pursuing a Mechanical Engineering degree must complete the Robotics track.