

B.S. in Electrical Engineering

Embry#Riddle's undergraduate degree in Electrical Engineering is offered in person at residential campuses in Daytona Beach, Florida, and Prescott, Arizona.

Studying Electrical Engineering on campus gives students strong hands-on experience through modern labs, team-based projects, and real-world engineering applications, while small class sizes make it easier to work closely with professors and participate in research.

At the **Daytona Beach Campus**, the Bachelor of Science in Electrical Engineering, housed in the Department of Electrical Engineering and Computer Science in the College of Engineering, equips students to handle systems thinking, circuit theory, and control systems. Courses are built around hands-on experience, such as exploring the telemetry system of an autonomous aircraft or power switching in a hybrid car. The program includes a general education core, including speech and college success, introductions to engineering and computing, plus courses in calculus, analytical geometry, and physics for engineers. The Bachelor of Science in Electrical Engineering is accredited by the Engineering Accreditation Commission (<https://www.abet.org/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 Electrical, Computer, Communications, Telecommunication(s), and Similarly Named Engineering Programs.

At the **Prescott Campus**, the B.S. in Electrical Engineering is located in the Department of Computer, Electrical, and Software Engineering in the College of Engineering, home to the state-of-the-art King Engineering and Technology Center. Students will have the opportunity to develop a broad background in circuit theory, communication systems, computers, and control systems. This program emphasizes design, culminating in a senior-year capstone project that pairs Electrical Engineering students with students from other disciplines. The Bachelor of Science in Electrical Engineering is accredited by the Engineering Accreditation Commission of ABET, www.abet.org (<https://sitecore2.embry-riddle.com/degrees/Bachelor/www.abet.org>), under the commission's General Criteria and Program Criteria for Electrical, Computer, Communications, Telecommunication(s), and Similarly Named Engineering Programs.