TEXAS A&M UNIVERSITY CORPUS CHRISTI

ELECTRICAL ENGINEERING

Electrical engineers develop electrical systems using knowledge of physics, mathematics, circuit design, electromagnetic theory, communication theory, control systems, and signal processing.

The electrical engineering program emphasizes service, systems-based knowledge, and sustainability with an eye toward the interface of traditional electrical engineering with new and emerging fields, in particular unmanned aircraft systems, maritime sciences, and marine biology that directly impact the Gulf Coast.

Electrical engineers design, develop, and test complex electrical and electronic systems such as unmanned aircraft, self-driving cars, robotics, plasma TV's, cell phones, and control systems for industrial processes.

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TEXAS A&M UNIVERSITY CORPUS CHRISTI

ELECTRICAL ENGINEERING

Electrical engineers work in many industries including engineering services, manufacturing, telecommunications, government agencies, and research and development.

Our engineering curriculum offers students various options to become “engineers and more” in career development, such as:

- A five-year MBA and engineering degree
- An unmanned aircraft systems applications certificate upon completion of additional coursework
- Specialization in one or more aspects of electrical engineering through the choice of available technical electives

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