



Master of Engineering in Electrical Engineering

Electrical engineering is essential for global growth. From power to telecommunications to control systems, electrical engineers drive innovation across a spectrum of industries. **Clemson's Holcombe Department of Electrical and Computer Engineering offers a Master of Engineering (MENGR) degree in Electrical Engineering, offered 100 percent online, to help you advance your knowledge and career.** By learning the most recent concepts in electrical engineering, you can help shape the future of your industry, and ultimately, improve the quality of life in the 21st century. That's exactly what our online MENGR degree is designed to help you do.

The 30-credit MENGR EE program is tailored for working professionals like you. It is possible to complete the program online in less than two years, though you will be allowed up to six years to complete it if required by the demands of your career. The program consists of 24 credits of online, semester-length lecture courses (typically eight 3-credit courses) and 6 credits for the MENGR Design Project.

The MENGR Design Project is the capstone of the program. It is a faculty-directed engineering design project focused on a problem of significance in engineering practice that is often motivated by a design issue faced by the student in his or her workplace. The Design Project results in an Engineering Design Report and oral defense of the Report which must both be approved by the student's Advisory Committee.

MENGR Advisory Committee

The student's academic advisor is his/her first contact in planning a program of study. The advisor, along with the student's advisory committee, will serve the following functions:

- Work with the student to determine course selection for each semester.
- Approve the student's program of study.
- Supervise the engineering report project.
- Administer the final examination.
- Initiate recommendations for awarding the degree.

Plan of Study

The plan of study for the MENGR degree must include a minimum of 30 credit hours of graduate-level course work at the 6000-level, 7000-level, 8000-level, or 9000-level, including the following:

- Exactly six (6) credit hours of ECE 7010 (MENGR Design Report)
- A minimum of 24 credit hours of letter-graded course work.
- At least twelve (12) credit hours of the letter-graded course work must consist of ECE courses.
- At least twelve (12) credit hours of the letter-graded course work must be at the 8000-level or 9000-level.
- Complete an Engineering Design Report
- Defend Design Report before Advisory Committee

Contacts:

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