The ever changing engineering workforce has led to a competitive job market with companies looking to hire people who possess a technical and professional skillset.

- The Citadel is ranked by U.S. News & World Report (2012 - 2016) as the No. 1 Best Public University in the South offering up to a master’s degree.
- Within the School of Engineering, faculty are primarily focused on teaching in their discipline.
- A faculty adviser assigned to you will create a student experience around your career goals, which allows you to obtain the exact knowledge and skills needed to move your career forward in a highly competitive job market.

Your Graduate Experience
The Citadel's evening graduate program serves the Lowcountry by offering master's degrees and graduate certificates scheduled around the student’s profession, family and lifestyle.

Student Learning Outcomes
- Demonstrate breadth of advanced knowledge in complimentary areas of electrical engineering that promotes an awareness of and skill in interdisciplinary problem solving.
- Demonstrate a depth of knowledge in a chosen focus area of electrical engineering that allows graduates to apply innovative techniques to solve problems.
- Demonstrate knowledge in methods of advanced analysis appropriate for professional use when solving problems.
- Demonstrate knowledge of contemporary issues in their chosen focus area.
- Demonstrate the professional skills relevant to graduate level work to include the ability to formulate problems, synthesize and integrate information, work collaboratively, and to communicate effectively.
- Demonstrate preparation for advancement in successful careers in industry or continued graduate work and an ethic for lifelong learning.

Why The Citadel is Right for You
Students are our Focus
We believe that education, development, empowerment, and welfare of our students are the primary focus of our efforts.

Electrical Engineers as Principled Leaders
We believe the engineering profession requires the highest professional and ethical standards, which we seek to model, teach and prepare our graduates to embrace.

Collaborative Teaching and Learning Environment
We believe a collaborative collegial environment among our faculty, staff and students is critical in sustaining advancement in educational excellence.

Growth through Assessment
We believe in data-driven feedback and improvement will lead us to sustained advancement in cutting edge curriculum.
Mission Statement

The Master of Science in Electrical Engineering program is designed for students seeking advanced engineering techniques and professional development skills in the field of electrical engineering. Our goal is to provide both recent graduates and professionals in the engineering community with a rigorous curriculum containing theoretical and practical engineering concepts for building additional expertise in a high-paced technological society.

Program Overview

The Citadel MSEE will require 30 credit hours where 18 credit hours will be technical while 12 credit hours can be non-technical (business administration, leadership, program management).

Students have the option to pursue a graduate certificate Computer Engineering in conjunction with their MSEE degree.

Course Availability: The courses will be offered based on student preferences and overall demand indicated in your plan of study to be submitted after acceptance. Students should be aware course offerings will be based on minimum class size enrollment. The Electrical and Computer Engineering Department will continually monitor student interest to expedite completion of your program of study.

Why study Electrical Engineering?

Electrical engineers design the devices that define generations: televisions, computers, cell phones and robotics.

Technical Courses

**Computer Engineering Core Courses**

- ELEC 675 Computer Architecture
- ELEC 645 Data Communications Networks
- ELEC 655 Digital Communications
- ELEC 635 Adaptive Signal Processing

**Electrical Engineering Elective Courses**

- ELEC 605 Advanced Power Systems
- ELEC 615 Spectral Analysis
- ELEC 625 RF Systems
- ELEC 665 Fundamentals of Advanced Energy Conversions

Why study Electrical Engineering?

Electrical engineers design the devices that define generations: televisions, computers, cell phones and robotics.

Admission Requirements

Applicants will be admitted to the Master of Science in Electrical Engineering (MSEE) degree program on the basis of professional and scholastic achievement, along with their aptitude for graduate study. Other qualities appropriate to graduate study are also considered. Anyone holding a bachelor’s degree from an ABET accredited college or university is eligible for consideration. Other technical bachelor’s degrees will be considered on a case-by-case basis.

For degree seeking students:

1. Completion of the online graduate application along with the non-refundable application fee.
2. Submission of an official transcript of the baccalaureate degree from an ABET accredited engineering program or approved alternative.
3. Submission of official copy of Graduate Record Examination (GRE) score. Admission test must have been taken within the last five years. The GRE requirement can be waived if applicant has a previously earned master’s degree.
4. Submission of two letters of recommendation.

For non-degree seeking students:

1. Completion of the online graduate application along with the non-refundable application fee.
2. Submission of an official transcript of the baccalaureate degree from an ABET accredited engineering program or approved alternative.