

# 2024-2025 TTC Catalog

## Electrical Engineering Transfer -The Citadel

### Certificate in Applied Science

#### 33 Credit Hours

This certificate allows you to select course work to transfer into The Citadel's Bachelor of Science in electrical engineering curriculum. Please see an advisor for actual course offering times, scheduling and prerequisites. For entry into the program, you must be a high school graduate or possess a GED and have taken the prerequisite for each course listed.

#### Major Requirements

ECE 205 Electrical and Computer Lab I 3  
ECE 221 Introduction to Electrical Engineering I 3  
ECE 222 Introduction to Electrical Engineering II 3  
EGR 269 Engineering Disciplines and Skills 2  
EGR 274 Engineering Applications of Numerical Methods 3  
EGR 275 Introduction to Engineering/Computer Graphics 3  
MAT 240 Analytic Geometry and Calculus III 4  
MAT 242 Differential Equations 4  
PHY 221 University Physics I 4  
PHY 222 University Physics II 4

Total: 33

#### Admission Requirements

Admission into this program requires proof of high school graduation (or GED) and qualifying scores on SAT, ACT or the TTC placement test.