

# 2019-2020 TTC Catalog

## Mechanical Engineering Transfer - The Citadel

### Certificate in Applied Science

#### 36 Credit Hours

This certificate allows you to select course work to transfer into The Citadel's Bachelor of Science in mechanical engineering curriculum. Please see an advisor for actual course offering times, scheduling and prerequisites.

#### 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 260 Engineering Statics 3  
EGR 262 Engineering Dynamics 3  
EGR 269 Engineering Disciplines and Skills 2  
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: 36

#### 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.

Students must also have completed the prerequisites for all required courses.