2019-2020 TTC Catalog

Engineering Transfer - Mechanical

Engineering Transfer - Mechanical

In Preparation for transfer to The Citadel

An articulation agreement between The Citadel and TTC allows students to enroll at TTC with the following courses approved for transfer to The Citadel. The purpose of this agreement is to provide courses at TTC equivalent to the lower division requirements of The Citadel's BS in Mechanical Engineering to promote access to and facilitate the transfer of TTC's students into The Citadel's engineering programs.

Required Courses

BIO 101 Biological Science I 4
CHM 110 College Chemistry I 4
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 202 Introduction to Engineering Programming 3
EGR 274 Engineering Applications of Numerical Methods 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
ENG 101 English Composition I 3
ENG 102 English Composition II 3
ENG 205 English Literature I 3
ENG 260 Advanced Technical Communications 3
HIS 101 Western Civilization to 1689 3 *
HIS 102 Western Civilization Post 1689 3 *
MAT 140 Analytic Geometry and Calculus I 4
MAT 141 Analytic Geometry and Calculus II 4
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
PSC 201 American Government 3
or
PSY 201 General Psychology 3
or
SOC 101 Introduction to Sociology 3

Total: 79

Students who complete each 2+2 program course at TTC with a grade of C or higher and who maintain a cumulative GPA of at least 2.0 are eligible to apply for admission to The Citadel Graduate College Engineering, Mechanical Engineering program. This application must be accompanied by a letter of transmittal from TTC's 2+2 advisor. Formal application must be made through The Citadel Graduate College.

Upon completion of the above program, the student will have earned an associate in science degree as well as the appropriate engineering transfer certificate.