2022-2023 TTC Catalog

Engineering Assistant - Technician Pathway

Certificate in Applied Science
31 Credit Hours

This certificate provides foundational course work in the engineering technology curriculum. Upon completion of the certificate students can select a pathway in civil, electronics, or mechanical engineering technology.

Major Requirements

EET 113 Electrical Circuits I 4
EGR 104 Engineering Technology Foundations 3
EGR 110 Introduction to Computer Environment 3
EGR 290 Numerical Applications in Engineering Technology 3
EGT 151 Introduction to CAD 3
EGT 152 Fundamentals of CAD 3
EGT 265 CAD/CAM Applications 3
ENG 101 English Composition I 3
MAT 170 Algebra, Geometry and Trigonometry I 3
SPC 209 Interpersonal Communication 3

Total: 31 Admission into this program is open only to Youth Apprentices that meet the requirements set forth by the Apprenticeship office. Additional requirements are qualifying scores on SAT, ACT or TTC's placement test.