

2024-2025 TTC Catalog

Mechanical Drafting

Certificate in Applied Science

16 Credit Hours

This certificate is designed for students with little or no drafting experience who want to work with mechanical drawings. The certificate also includes a study of engineering materials or manufacturing processes.

Major Requirements

EGR 170 Engineering Materials 3

or

EGR 175 Manufacturing Processes 3

EGT 115 Engineering Graphics II 4

EGT 130 Geometric Dimensioning and Tolerancing Applications 3

EGT 151 Introduction to CAD 3

EGT 152 Fundamentals of CAD 3

Total: 16

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.