

# 2021-2022 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.