

# 2023-2024 TTC Catalog

## Computer Numeric Control Machinist

### Certificate in Applied Science

#### 32 Credit Hours

This program introduces students to workplace safety, blueprint reading, precision measuring, basic conventional machining and CNC operations including set-up and programming. Students are prepared for entry-level employment in the metal- working industry.

#### Major Requirements

IET 223 Industrial Safety 3  
MTT 101 Introduction to Machine Tool 2  
MTT 111 Machine Tool Theory and Practice I 5  
MTT 112 Machine Tool Theory and Practice II 5  
MTT 120 Machine Tool Print Reading 3  
MTT 143 Precision Measurements 2  
MTT 175 Innovations in Machining Technology 3  
MTT 250 Principles of CNC 3  
MTT 251 CNC Operations 3  
MTT 253 CNC Programming and Operations 3

Total: 32

#### Admission Requirements

Students who are at least 18 years old and have acceptable scores from the SAT, ACT or placement test can be admitted into this program without a high school diploma or GED.