

2024-2025 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.