

2025-2026 TTC Catalog

Advanced CNC Operations

Certificate in Applied Science

13 Credit Hours

This certificate prepares students for employment in the CNC machine programming career field. Graduates gain the skills needed to program solid models and set-up multi-axis machines through classroom theory and hands-on laboratory instruction.

Major Requirements

MTT 243 Advanced Dimensional Metrology for Machinists 3

MTT 255 CNC Programming II 3

MTT 258 CNC Machine Tool Cam 3

MTT 260 Advanced Multi-Axis Programming and Ops I 4

Total: 13

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.