

MANUFACTURING TECHNOLOGY

MACHINING & MANUFACTURING TECHNOLOGY



PROGRAM LOCATION

LCC West Campus

SESSION OFFERED

AM/PM

AVERAGE LECTURE DAYS/WEEK

0-2 days

AVERAGE LAB DAYS/WEEK

3-5 days

HOMEWORK

Occasionally

REQUIRED EXPECTATIONS

Notetaking and organization

Time management



EXPLORE THE POSSIBILITIES.
FAST TRACK YOUR FUTURE.

The manufacturing industry has a high demand for skilled professionals with the foundation skills in machining metrology operations. Our program provides students with hands on laboratory projects, career based education, and industrial skill sets needed.

CAREERS

CNC Operator
Machinist
Manufacturing Apprenticeship
Tool and Die Maker

MEDIAN WAGE

CNC Programmer: \$25-30 hourly
CNC Operator: \$15-20 hourly
Machinist: \$18-30 hourly
Tool and Die Maker: \$25-50 hourly

EMPLOYMENT OUTLOOK

Faster than average, 10-14%

CERTIFICATIONS

CPR/AED
First Aid
OSHA 10 Certification
NC3 Metrology Certification

SUCCESS INDICATORS

Creative, detail oriented, organized, a strong problem solver, and have strong math skills. Realistic occupations frequently involve work activities that include practical, hands-on problems and solutions.

STUDENT LEADERSHIP

Students have the opportunity for leadership, competition, and community service through membership in SkillsUSA and MITES.

13 COLLEGE CREDITS

METS 102 - Industrial Safety
METM 108 - Machine Tool Operations
METM 195 - Quality/Metrology/Inspection

ACADEMIC RIGOR

4 out of 5

CAPITAL REGION TECHNICAL EARLY COLLEGE

Students enrolled in this program may choose to participate in the Capital Region Technical Early College (CRTEC). Capital Region Technical Early College is a high school-to-college program where students start in grade 11 and leave in grade 13 with a college degree or certification. The program gives students relevant career-related experience.

