## CNC Machining Career Pathway

### COURSES | CREDITS | INTRODUCTION TO MACHINE TOOL CERTIFICATE | MACHINE TOOL OPERATION TECHNICAL DIPLOMA | CNC TECHNICIAN TECHNICAL DIPLOMA
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Machine Tool Hand Tools | 1 credit | | | |
Machine Tool Measuring | 1 credit | | | |
Machine Tool Drills | 1 credit | | | |
Machine Tool Mills 1 | 2 credits | | | |
Machine Tool Programming Basic | 1 credit | | | |
Machine Tool Math | 2 credits | | | |
Machine Tool Print Reading | 2 credits | | | |
Machine Tool Saws/Material Selection | 1 credit | | | |
Machine Tool Lathes 1 | 2 credits | | | |
Psychology for Life | 1 credit | | | |
Machine Tool Programming | 1 credit | | | |
Machine Tool CAM | 1 credit | | | |
Machine Tool Lathes 2 | 2 credits | | | |
Machine Tool Mills 2 | 2 credits | | | |
Machine Tool Grinders 1 | 1 credit | | | |
Machine Tool CNC Turning Center | 2 credits | | | |
Machine Tool CNC Machining Center | 2 credits | | | |
Machine Tool Technical Skills Portfolio | 1 credit | | | |
Communication Skills for the Workplace | 2 credits | | | |
Metallurgy | 1 credit | | | |
Machine Tool Math Advanced | 1 credit | | | |
Print Reading Advanced | 1 credit | | | |
EDM Sinker | 2 credits | | | |
Advanced Mills (Proto Traks) | 2 credits | | | |
Grinders 2 | 2 credits | | | |
Advanced Machining Centers 1A | 2 credits | | | |
Advanced Turning Centers 1A | 2 credits | | | |
Challenging Issues | 1 credit | | | |
Advanced Measuring GD&T | 2 credits | | | |
Advanced Machining Centers 1B | 3 credits | | | |
Advanced Turning Centers 1B | 3 credits | | | |
EDM Wire | 2 credits | | | |
Advanced Technical Skills Portfolio | 1 credit | | | |
CNC Technician Internship | 2 credits | | | |

**TOTAL CREDITS** | | 10 | 28 | 55

### LEADS TO:

**CERTIFICATIONS**

**CAREER ENTRY-LEVEL JOBS**

METAL MACHINE OPERATOR, MACHINING SPECIALIST, CNC OPERATOR & TENDER

CNC MACHINE SETUP, CNC MACHINE PROGRAMMER, TOOL & DIE MACHINIST, MACHINE TOOL SETTER

**SALARY RANGE**

$27,100-38,200

$31,000-38,400

$32,282-39,700

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A Career Pathway is a laddered approach to career education. It allows you to earn employer-recognized credentials that lead to jobs & career advancement.