

Advanced Technical Certificate: CNC Operator

(2 Years)

Code	Title	Credits
Required Courses:		
MACH 0110	Machine Tool Lab I	3
MACH 0111	Machine Tool Theory I	2
MACH 0112	Machine Math I	3
MACH 0115	Applied Machining Geometry	2
MACH 0120	Machine Tool Lab II	3
MACH 0121	Machine Tool Theory II	2
MACH 0123	Blueprint Reading	1
MACH 0131	CNC Mill Setup	2
MACH 0135	Applied Machining Trigonometry	2
MACH 0141	CNC Lathe Setup	2
MACH 0145	Geometric Dimensioning and Tolerancing I	1
MACH 0230	CNC Mill Operations	8
MACH 0240	CNC Lathe Operations	8
MACH 0245	Geometric Dimensioning and Tolerancing II	1
MACH 0261	CNC Introduction to Theory	2
MACH 0265	Introduction to CNC Machine Practice	4
TGE 0158	Employment Strategies	2
COMM 1101	Fundamentals of Oral Communication ¹	3
ENGL 1101	Writing and Rhetoric I ¹	3
or ENGL 1101P	Writing and Rhetoric I Plus	
Total Credits		54

¹ Contributes to a General Education requirement.