



(Certificate)

CNC Operator

ICCB Code: C 300A

Required Courses						
First Semester						
ENGT 104 CNC Fundamentals (formerly CIM 102)	Lec	Lab	Cr	RCC	Sem/Yr	Transfer
	2	2	3			
Subtotals	2	2	3			
Second Semester						
ENGT 102 Blueprint Reading (formerly Mfg 100) (or Draft 101)	Lec	Lab	Cr			
	3	0	3			
ENGT 105 Occupational Safety (formerly IndS 100)	3	0	3			
ENGT 150 Machining Fundamentals (formerly Mach 101)	1	2	2			
ENGT 151 Cutting & Workholding (formerly Mach 102)	1	2	2			
ENGT 160 Metrology	1	2	2			
Subtotals	9	6	12			
Third Semester						
ENGT 200 Industrial Materials (formerly Mfg 110)	Lec	Lab	Cr			
	3	0	3			
ENGT 250 CNC Turning (formerly Mach 201)	2	2	3			
ENGT 251 CNC Milling (formerly Mach 202)	2	2	3			
Subtotals	7	4	9			
Fourth Semester						
ENGT 213 Robotic Fundamentals (formerly Robot 101)	Lec	Lab	Cr			
	2	2	3			
Subtotals	2	2	3			
Program Total 27						

*Students that are considering transfer options should take this course.

Other Graduation Requirements:

1. 2.00 (C) Grade Point Average for all courses at RCC
2. Constitution Exam, if not completed in Illinois High School

Constitution Exam Met:

Comments: _____

Connected Degree & Certificate(s):

- Engineering Technology AAS (CNC Specialty);
- CNC Technician