



(Certificate)

Pipefitting & Pipe Welding

ICCB Code: C 032B

Required Courses							
First Semester	Lec	Lab	Cr	RCC	Sem/Yr	Transfer	
ENGT 102 Blueprint Reading (formerly Mfg 100) (or Draft 101)	1	2	2				
Weld 100 Oxy-Acetylene and Plasma Arc Cutting	0	2	1				
Weld 101 Shielded Metal Arc Welding	2	6	4				
Weld 102 Advanced Shielded Metal Arc Welding	0	8	4				
Subtotals	3	18	11				
Second Semester	Lec	Lab	Cr				
Weld 103 Welding Tools & Safety (New Course)	2	2	3				
Weld 201 Gas Metal Arc and Flux Core Arc Welding	0	4	2				
Weld 202 Welder Certification	0	4	2				
Weld 204 Pipe Welding	0	8	4				
Weld 205 Gas Tungsten Arc Welding	0	6	3				
Subtotals	2	24	14				
Third Semester	Lec	Lab	Cr				
Weld 230 Pipefitting Fundamentals (New Course)	1	4	3				
Weld 240 Non-Ferrous Welding (New Course)	1	5	3				
Weld 241 GMAW/FCAW Pipe (New Course)	0	7	3				
Weld 242 Aluminum Plate & Pipe (New Course)	1	5	3				
Subtotals	3	21	12				
Fourth Semester	Lec	Lab	Cr				
Weld 231 Pipefitting Applications (New Course)	2	6	4				
Weld 232 Pipefitting Techniques (New Course)	2	6	4				
Weld 233 Pipe Fabrication (New Course)	1	4	3				
Weld 234 Field Maintenance & Safety (New Course)	2	6	4				
Subtotals	7	22	15				
Program Total 52							

*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):

- Welding AAS (Construction & Pipe Specialty);
- Welding