



(Certificate)
Welding

ICCB Code: C 0030

Required Courses						
First Semester	Lec	Lab	Cr	RCC	Sem/Yr	Transfer
ENGT 102 Blueprint Reading (formerly Mfg 100) (or Draft 101)	1	2	2			
Math 104 Technical Mathematics	4	0	4			
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	7	18	15			
Second Semester	Lec	Lab	Cr			
Weld 190 Maintenance Welding	0	4	2			
Weld 103 Welding Tools & Safety (New Course)	2	2	3			
Weld 201 Gas Metal Arc and Flux Core Arc Welding	0	4	2			
Subtotals	2	10	7			
Third Semester	Lec	Lab	Cr			
Weld 204 Pipe Welding	0	8	4			
Weld 205 Gas Tungsten Arc Welding	0	6	3			
Subtotals	0	14	7			
Fourth Semester	Lec	Lab	Cr			
Weld 202 Welder Certification	0	4	2			
Subtotals	0	24	2			
Program Total 31						

*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 (Both Specialities);
- Welding