



Certificate
BioFuels Technician

Engineering Technology Program

ICCB Code: 300N

Required Courses						
First Semester	Lec	Lab	Cr	RCC	Sem/Yr	Transfer
ENGT 100 Industrial Processes (formerly Mfg 120)	3	0	3			
ENGT 101 Motor Control Fundamentals (formerly Eltrn 109)	3	3	4			
ENGT 103 Fluid Power Fundamentals (formerly MecS 112)	2	2	3			
ENGT 102 Blueprint Reading (formerly Mfg 100) (or Draft 101)	3	0	3			
Subtotals	11	5	13			
Second Semester	Lec	Lab	Cr	RCC	Sem/Yr	Transfer
ENGT 105 Occupational Safety (formerly Ind S 100)	3	0	3			
ENGT 107 BioFuel Manufacturing Fundamentals (New Course)	2	2	3			
ENGT 111 Motor Control Applications (formerly Eltrn 113)	3	3	4			
ENGT 120 Process Control Fundamentals (formerly Eltrn 201)	2	2	3			
ENGT 125 BioProcess Operation Fundamentals (New Course)	1	2	2			
Subtotals	11	9	15			
Third Semester	Lec	Lab	Cr	RCC	Sem/Yr	Transfer
ENGT 210 PLC Fundamentals (formerly Eltrn 204)	3	2	4			
ENGT 220 Process Control Applications	2	2	3			
ENGT 225 BioProcess Operation Applications (New Course)	2	4	4			
ENGT 260 Quality Fundamentals (formerly Prod C 130)	3	0	3			
ENGT 270 Biofuel Manufacturing Applications	2	2	3			
Subtotals	12	10	17			
Fourth Semester	Lec	Lab	Cr	RCC	Sem/Yr	Transfer
ENGT 231 Piping Fundamentals (formerly Mec S 240)	1	2	2			
ENGT 271 Biofuel Manufacturing Techniques	2	2	3			
Subtotals	3	4	5			
Program Total 50						

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

Students must receive grade of "C" or better in Engl 101.

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 Certificate(s):

- Put all career laddering certificates here