



(Certificate)

# Engineering Technology

## Wind Energy Systems - Certificate

ICCB Code: C300 P

Required Courses						
<b>First Semester</b>						
	Lec	Lab	Cr	RCC	Sem/Yr	Transfer
ENGT 108 Principles of Wind Energy	3	0	3			
ENGT 101 Motor Control Fundamentals	3	3	4			
ENGT 103 Fluid Power Fundamentals	2	2	3			
Subtotals	8	5	10			
<b>Second Semester</b>						
	Lec	Lab	Cr			
ENGT 102 Blueprint Reading	3	0	3			
ENGT 105 Occupational Safety	3	0	3			
ENGT 111 Motor Control Applications	3	3	4			
ENGT 114 Wind Turbine Mechanical Systems	3	2	4			
ENGT 120 Process Control Fundamentals	2	2	3			
Subtotals	14	7	17			
<b>Third Semester</b>						
	Lec	Lab	Cr			
ENGT 118 Wind Turbine Electrical Systems	2	2	3			
ENGT 210 PLC Fundamentals	3	2	4			
Subtotals	5	4	7			
<b>Fourth Semester</b>						
	Lec	Lab	Cr			
ENGT 211 PLS Applications & Data Acquisition	2	2	3			
ENGT 218 Wind Turbine Repair & Maintenance	1	2	2			
Subtotals	3	4	5			
<b>Program Total 39</b>						

Graduation Requirements:  
 2.00 (C) Grade Point Average for all courses at RCC

Comments: \_\_\_\_\_  
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