



(Associate in Applied Science)

Engineering Technology

Wind Energy Systems

ICCB Code: AAS 3000

Required Courses							
First Semester							
	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			
MATH 104	Technical Math (or MATH 110)	4	0	4			
Subtotals		15	5	14			
Second Semester							
	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			
Third Semester							
	Lec	Lab	Cr				
ENGT 118	Wind Turbine Electrical Systems	2	2	3			
ENGT 210	PLC Fundamentals	3	2	4			
ENGT 212	Motor Control Systems	3	3	4			
General Education Elective (recommend ECON 231)		3	0	3			
ENGL 110	Communicating in the Workplace (or ENGL 101)	3	0	3			
Subtotals		14	7	17			
Fourth Semester							
	Lec	Lab	Cr				
ENGT 218	Wind Turbine Repair & Maintenance	1	2	2			
ENGT 211	PLC Applications & Data Acquisition	2	2	3			
ENGT 290	Work Experience Practicum & Seminar	1	10	3			
General Education Elective (recommend SOCIO 110)		3	0	3			
SPCH 120	Business & Professional Speaking (or SPCH 101)	3	0	3			
Subtotals		10	14	14			
Program Total 62							

Graduation Requirements:

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

Comments: _____
