

Curriculum Guide							
Major: Engineering Technology Opt. I—Renewable Energy Technology, Manufacturing/Industrial (B.S.)							
2012-2013							
First Year				Second Year			
Semester 1		Semester 2		Semester 1		Semester 2	
ENGL 1301	3 hrs.	ENGL 1302*	3 hrs.	MATH 2413*	4 hrs.	ET 2375*	3 hrs.
MATH 1314*	3 hrs.	MATH 1316* or 2412* <sup>3-4</sup>	3 hrs.	Core 11 <sup>c</sup>	3 hrs.	ENGL 2311*	3 hrs.
ENGR 1375	3 hrs.	ENGR 1301*	3 hrs.	ET 2371	3 hrs.	ET 2372	3 hrs.
ENGR 1304	3 hrs.	CHEM 1411*	4 hrs.	Core 60 <sup>c</sup>	3 hrs.	PHYS 1401* or 2425*	4 hrs.
Core 90 <sup>c</sup> (IDS 1071 if required)	3 hrs.	Core 50 <sup>c</sup>	3 hrs.	CHEM 1412*	4 hrs.	Core 60 <sup>c</sup>	3 hrs.
15 hrs.		16-17 hrs.		17 hrs.		16 hrs.	
Third Year				Fourth Year			
Semester 1		Semester 2		Semester 1		Semester 2	
ET 3360*	3 hrs.	ET 3301*	3 hrs.	ET 4314	3 hrs.	ET 4370	3 hrs.
PHYS 1402* or 2426*	4 hrs.	ET <sup>2</sup>	3 hrs.	ET <sup>2</sup>	3 hrs.	ET 4380*	3 hrs.
Specialization <sup>1</sup>	3 hrs.	Specialization <sup>1</sup>	3 hrs.	ET <sup>2</sup>	3 hrs.	ET <sup>2</sup>	3 hrs.
ENGR 2301*	3 hrs.	ENGR 2302*	3 hrs.	Specialization <sup>1</sup>	3 hrs.	Core 80 <sup>c</sup>	3 hrs.
ENGR 1171	1 hr.	POSC 2306	3 hrs.	Core 40 <sup>c</sup>	3 hrs.		
POSC 2305	3 hrs.						
17 hrs.		15 hrs.		15 hrs.		12 hrs.	

\* Indicates prerequisites.  
<sup>c</sup> See degree checklist for options.

♦ Total degree hours must be 120-123; course may be required if degree hours are not otherwise accounted for.  
 FA=Fall only  
 SP=Spring only

**NOTE:** Course scheduling/rotation notes are not definitive and should be used for general planning purposes only. A number of factors can influence when courses are offered. Students should always seek the advice of their academic advisor before scheduling classes.

**PREREQUISITE NOTES:**

**CHEM 1411:** MATH 1314 or 1324.

**CHEM 1412:** CHEM 1411.

**ENGL 1302:** ENGL 1301.

**ENGL 2311:** ENGL 1301.

**ENGR 1201:** MATH 1314 or 1324.

**ENGR 2301:** ENGR 1201, MATH 2413, PHYS 2425 and ENGR 1304.

**ENGR 2302:** ENGR 2301.

**ET 2375:** ENGR 1375.

**ET 3301:** ET 2371.

**ET 3360:** ENGR 1304.

**ET 4380:** senior standing.

**MATH 1314:** MATH 0303 or score of 85 or higher on Accuplacer Elementary Level Algebra.

**MATH 1316:** MATH 1314 or MATH 1324.

**MATH 2412:** ACT score of 24 or SAT 560 or above on math section or MATH 1314 or 1324.

**MATH 2413:** MATH 1316, MATH 2412, or ACT score of 27 or SAT 620 or above on math section.

**PHYS 1401:** MATH 1314 or 1324.

**PHYS 1402:** PHYS 1401.

**PHYS 2425:** MATH 2413 or concurrent enrollment.

**PHYS 2426:** PHYS 2425.

**ADDITIONAL NOTES:**

<sup>1</sup> **Specialization:** choose from ET, CS, MGT, ENGR, or MENG 3000/4000-level courses.

<sup>2</sup> **ET:** choose from ET 3302, 3303, 3315, 3330, 4301, 4311, 4325, 4330, 4350, 4351, 4352.