



## Degree Progress Guide / Energy Engineering – Fall 2015 and after

Suggested Semester	Course Code	Semester Completed
1 <sup>st</sup> semester	SCI 101	
	CIV 101	
	MTH 133	
	CSC 101	
	ENG 101	
2 <sup>nd</sup> semester	ENG 102	
	CIV 102	
	SCI 102	
3 <sup>rd</sup> semester	CIV 203	
4 <sup>th</sup> semester	CIV 204	
5 <sup>th</sup> semester	Core Option : Humanities, Social Science, or Math and Science	
6 <sup>th</sup> semester	ENG 213	
<b>TOTAL/</b>		<b>37 Credits</b>

Semester	Course Code	Credits	Semester Completed
2 <sup>nd</sup>	(MTH 232) Calculus I	4	
	(ENGR 230) Engineering Drawing	3	
	(CHEM 232) Chemistry I	4	
3 <sup>rd</sup>	(PHYS 232) Calculus Based Physics	4	
	(MTH 233) Calculus II	4	
	(PHYS 233) Calculus Based Physics II	4	
	(ENGR 244) Engineering Computing	3	
4 <sup>th</sup>	(ENGR 231) Fabrication Shop	2	
	(MTH 331) Calculus III	4	
	((ENGR 352) Thermodynamics	3	
	(ENGR 344) Mechanics I	3	
5 <sup>th</sup>	(MTH 332) Differential Equations and Linear Algebra	4	
	(ENGR 358) Mechanics of Materials	3	
	(ENGR 354) Materials Science	3	
	(ENGR 348) Mechanics II	4	
6 <sup>th</sup>	(ENGR 356) Fluids	4	
	(ENGR 313) Measurements Laboratory	2	
	(ENGR 390) Circuits	4	
	(ENGR 444) Engineering Economics	3	
	(ENGR 453) Application of Thermodynamics	3	
7 <sup>th</sup>	(ENGR 442) Engineering Statistics	3	
	(ENGR 454) Process Engineering	3	
	(ENGR 452) Transport Phenomena	3	
	(ENGR 491) Design I	3	
	(ENGR 455) Introduction to Petroleum Engineering	3	
	(ENGR 457) Renewable Energy	3	
8 <sup>th</sup>	(ENGR 484) Engineering Laboratory	3	
	(ENGR 492) Design II	2	
	(ENGR 461) Control System and Automation	3	
	(ENGR 490) Engineering Internship	3	
	(ENGR Elective) Engineering Elective (ENGR Elective) Engineering Elective	3 3	
<b>TOTAL/</b>		<b>103 Credits</b>	

### How to complete:

This document is a guide to degree requirements; *filling it out is recommended but is not required.*

Mark completed courses by writing in the semester of completion

### Varied degree paths:

Refer to “semester” column above for order of study plan; exact degree path may vary, but pre-requisites must be met unless a special exception is granted

Student degree paths may vary slightly from this form. If academic record differs from the courses listed in this form, please contact Registrar’s Office during advising week for clarification

Engineering Electives are 300+ Engineering courses.