

Engineering Science (L11LA35)

Student Name: _____

Advisor: _____ Date: _____

Banner #: _____

General Education Core 34 Credits

Passed QVCC	S/W/T	Dept. & No.	Title of Course	Cr.
		ENG* 101	Composition	
		ENG* 102	Literature and Composition ¹	
		ART* 101 or ART* 102	Art History I or Art History II	
			Social Science Elective ²	
		CHE* 121	General Chemistry I	
		CHE* 122 or EGR* 215	General Chemistry II(4 credits) or Engineering Thermodynamics I (4 credits)	
		MAT* 254	Calculus I	
		MAT* 256	Calculus II	
		HIS* 101 or HIS* 102	Western Civilization I or Western Civilization II	
		PHL* 111	Ethics	

Specialized Core 31-33 Credits

Passed QVCC	S/W/T	Dept. & No.	Title of Course	Cr.
		PHY* 221	Calculus-Based Physics I	
		PHY* 222	Calculus-Based Physics II	
		MAT* 268	Calculus III -- Multivariable	
		MAT* 285	Differential Equations	
		EGR* 211	Engineering Statics	
		EGR* 212	Engineering Dynamics	
Directed Elective				
		EGR* 111	Introduction to Engineering	
Technical Electives³				
			Technical Elective	
			Technical Elective	
Total Program Credits				65-67

S = substituted

W = waived

T = transferred

Graduation Requirements:

1. High School Diploma or GED or equivalent _____
2. G.P.A. of 2.0 _____
3. ENG/MAT developmental sequence or satisfactory placement on Basic Skills Assessment. _____

4. Completion of at least 25 percent of the minimum credit requirements through coursework at QVCC. _____
5. For second degree at least 25 percent of coursework used in second curriculum must be unique to the second curriculum. Completion of a second option does not constitute a second degree. _____

¹ ENG* 110 may be substituted for ENG* 102 with permission of coordinator

² Select from the following disciplines: ANT*, ECE* (101, 182), ECN*, GEO*, HIS*, HSE* 213, POL (all except 290, 294), PSY*, SOC*

³ Technical Electives (6-8 total credits) may be selected from the following disciplines: EGR*, CAD*, PLS*, MFG*, etc. (some courses only). Please consult with Program Advisor to ensure appropriate course selections.