Study Plan for B.S.E., _ELECTRICAL ENGINEERING_ Major

(2017-18 Catalog)   *(MTH 201 Placement - 4 Year Program)*

Minor: _____

Student Name: _____

Student ID#: _G_____

1st Year

1st Semester: Fall____

			Credits	Grade	Semester Completed
* MTH	201	Calculus I	4	_____	_____
* WRT	150	Writ Strategies	4	_____	_____
* EGR	106	Intro to Egr Design I	3	_____	_____
* CHM	115	Chemistry I	4	_____	_____
				_____	_____

2nd Semester: Winter ____

			Credits	Grade	Semester Completed
* MTH	202	Calculus II	4	_____	_____
* PHY	230	Physics I	5	_____	_____
* EGR	107	Intro to Egr Design II	3	_____	_____
* STA	220	Engrg Statistics	2	_____	_____
* EGR	220	Engrg Stats Lab	1	_____	_____

Semester: S/S ____

	Credits	Grade	Semester Completed
_____	_	_____	_____
_____	_	_____	_____
_____	_	_____	_____

2nd Year

3rd Semester: Fall____

			Credits	Grade	Semester Completed
* MTH	203	Calculus III	4	_____	_____
+ PHY	234/1	Physics II	4/5	_____	_____
* EGR	224	Intro Dig Sys Design	3	_____	_____
* EGR	226	MicroCtrl Pgm Appl	4	_____	_____
* EGR	289	Engrg Co-op Prep	1	_____	_____

4th Semester: Winter ____

			Credits	Grade	Semester Completed
* MTH	302	Lin Alg & DEQ	4	_____	_____
* EGR	223	Probab & Signals	3	_____	_____
* EGR	257	Elect Mat'ls & Devices	4	_____	_____
* EGR	214	Circuit Analysis I	4	_____	_____

Semester: S/S ____

			Credits	Grade	Semester Completed
EGR	290	Engrg Co-op I	3	_____	_____
• GE-SBS			3	_____	_____

3rd Year

5th Semester: Fall____

			Credits	Grade	Semester Completed
EGR	314	Circuit Analysis II	4	_____	_____
EGR	315	Elect Circuits I	4	_____	_____
EGR	326	Embedded Sys Des	4	_____	_____
# GE - WP			3	_____	_____

Semester: Winter ____

			Credits	Grade	Semester Completed
EGR	390	Engrg Co-op II (SWS)	3	_____	_____
GE - Issue			3	_____	_____

6th Semester: S/S ____

			Credits	Grade	Semester Completed
EGR	330	Power Systems	4	_____	_____
EGR	343	Applied E/M	4	_____	_____
EGR	323	Signals & Sys	3	_____	_____
% ECO	210/211	Economics	3	_____	_____
GE - Arts			3	_____	_____

4th Year

Semester: Fall____

			Credits	Grade	Semester Completed
EGR	490	Engrg Co-op III	3	_____	_____
EE	Elec		3/4	_____	_____

7th Semester: Winter ____

			Credits	Grade	Semester Completed
EE	Elec	_____	3/4	_____	_____
EE	Elec	_____	3/4	_____	_____
GE - Issue		_____	3	_____	_____
EGR	485	Sr Project I	1	_____	_____
@ GE - P & L (PHI 102 Ethics)			3	_____	_____

8th Semester: S/S ____

			Credits	Grade	Semester Completed
EGR	486	Sr Project II	2	_____	_____
EE	Elec		3/4	_____	_____
GE - LS		_____	3	_____	_____
GE - Hist		_____	3	_____	_____
GE - US		_____	3	_____	_____

PCEC Student Services: (616)331-6025

*   Engineering Foundation course
+   Students may enroll in PHY 231 instead of PHY 234
•   Consider taking a course that doubles as SBS and US (See Gen Ed guide for selections)
\#   Consider taking a course that doubles as WP and Issue (See Gen Ed guide for selections)
@   An ethics course is required in the engineering program (PHI 102 or another ethics course in General Education).
     Consider taking PHI 102 as an SWS.
%   ECO 210 or 211 is required in the engineering curriculum. Also fulfills one SBS Gen Ed requirement.

Secondary Admissions Criteria:
- A GPA of 2.7 or above in the Engineering Foundation courses

- Completion of each course in the Engineering Foundation with a grade of C (2.0) or above, **with no more than one repeat**

- Completion of preparation for placement in the cooperative engineering education, EGR 289

Recommendation:

It is strongly encouraged that students do not begin or break a curriculum thread by taking courses at other institutions; e.g., take the MTH 201 equivalent elsewhere, return to GV and continue in the math