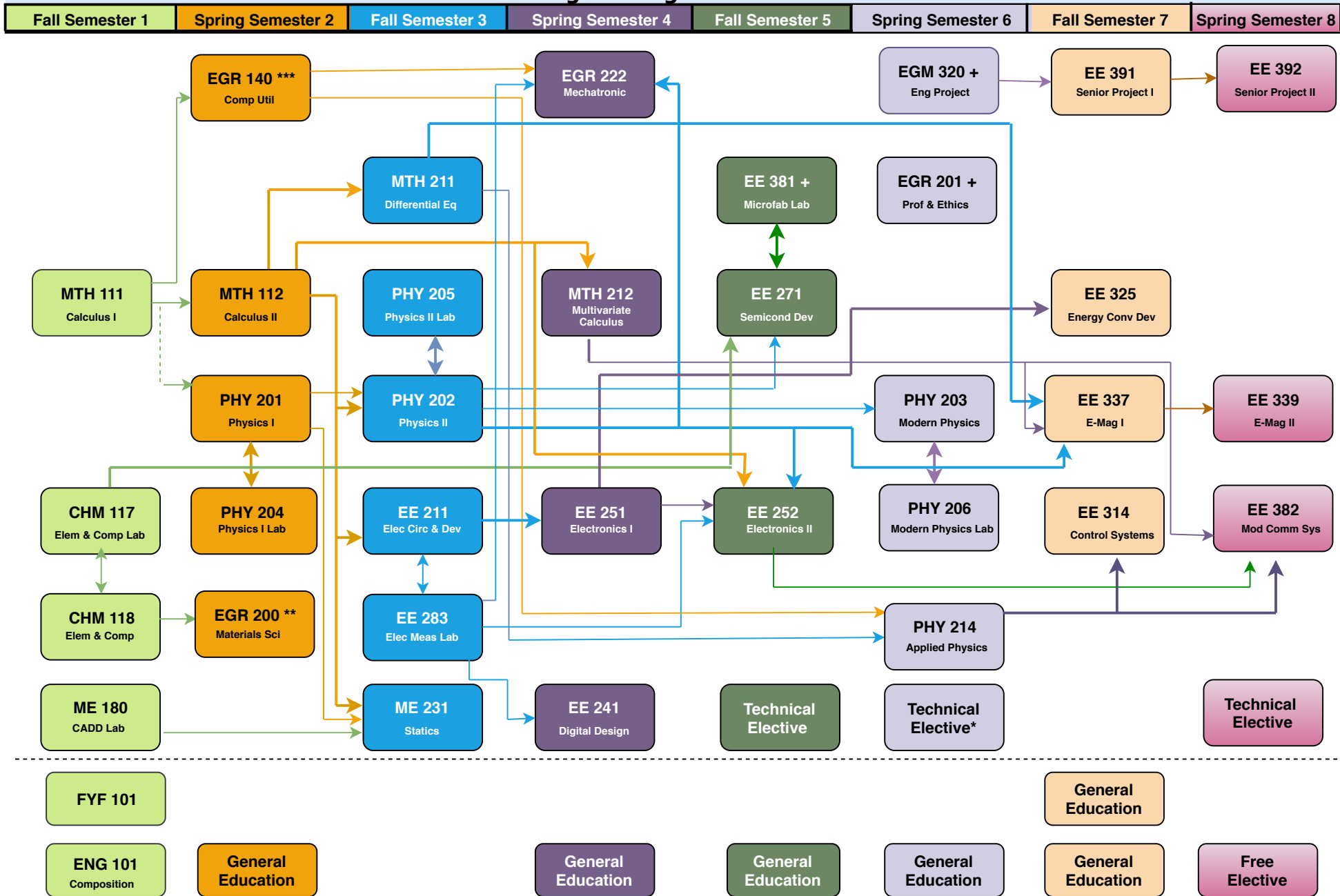




Electrical Engineering Curriculum

<i>First Semester</i>		<i>Credits</i>	<i>Second Semester</i>		<i>Credits</i>
MTH 111	Calculus I	4	MTH 112	Calculus II	4
CHM118	Chemistry for Engineers	3	PHY201	General Physics I	3
CHM117	Chemistry for Engineers Lab	1	PHY 204	Physics I Laboratory	1
ME180	CADD Lab	1	EGR140	Scientific Programming	3
ENG101	EnglishComposition	4	EGR200	Introduction to Materials Science	3
FYF 101	First Year Foundations	3		General Education	3
Total Credits		16	TotalCredits		17
<i>Third Semester</i>		<i>Credits</i>	<i>Fourth Semester</i>		<i>Credits</i>
MTH211	Introduction to Differential Equations	4	MTH212	Multi-Variable Calculus	4
PHY202	General Physics II	3	EE251	Electronics I	3
PHY 205	Physics II Laboratory	1	EGR222	Mechatronics	3
EE211	Electrical Circuits andDevices	3	EE241	Digital Design	4
EE283	Electrical Measurements Lab	1		General Education	3
ME231	Statics	3			
Total Credits		15	Total Credits		17
<i>FifthSemester</i>		<i>Credits</i>	<i>SixthSemester</i>		<i>Credits</i>
EE252	Electronics II	4	EGR399	Coop Education or Technical Electives	3
EE271	Semiconductor Devices	4	EGR201	Professionalism and Ethics	1
EE381	Microfabrication	3	EGM320	Engineering Project Analysis	3
	Technical Elective	3	PHY203	Modern Physics	3
	General Education	3	PHY206	Modern Physics Lab	1
			PHY 214	Applied Physics	3
				General Education	3
TotalCredits		17	Total Credits		17
<i>SeventhSemester</i>		<i>Credits</i>	<i>EighthSemester</i>		<i>Credits</i>
EE314	Control Systems	3	EE339	Electromagnetics II	4
EE337	Electromagnetics I	3	EE382	Modern Communications Lab	4
EE391	Senior Projects I	1	EE392	Senior Projects II	2
EE325	Energy Conversion Devices	3		Technical Elective	3
	General Education	6		Free Elective	2
TotalCredits		16	Total Credits		15

Electrical Engineering Curriculum Flowchart



Technical Electives may be selected from advisor-approved science, math, or engineering courses numbered 200 or above.
 *An engineering co-op may be substituted for three credits of technical electives during the sixth semester & requires junior standing.
 EGR 200 may be substituted with Biogeochemistry (EES 202). *EGR 140 has a co-requisite of MTH 111.
 + Course requires Junior Standing in Electrical Engineering (all required freshman & sophomore EE courses on this chart and ENG 101 must be completed).
CHART IS FOR ILLUSTRATION PURPOSES ONLY: SEE UNDERGRADUATE BULLETIN FOR PRE- AND CO- REQUIREMENTS.