



Electrical Engineering and Computer Science EE Technical Elective Plan of Study

Student Name: _____ **R#:** _____
(Please print)

Specialization Area: _____

The courses taken as technical electives provide an opportunity for specialization in one of several areas. Before taking any technical elective courses, students must work with a faculty mentor to develop an elective plan of study and place it on file with the EECS department. One course taken as part of the requirements for a business minor may be used as a technical elective as long as the minor is completed.

1. Fill out the following chart with the consultation of a Faculty Mentor.
2. Both you and your Faculty Mentor must sign.
3. Turn in to the EECS Undergraduate Director.

Course Number	Course Name	Semester Planned	Credit Hours
	TOTAL: Must be at least 9 hours.		

Signatures:

_____	_____
Student	Date
_____	_____
Faculty Mentor	Date
_____	_____
Undergraduate Director	Date

EE Program Technical Electives for Specializations

Specialization Area	Faculty Advisors (EE Program Faculty)	Technical Elective Courses
Controls	Molyet	EECS 4220 Programmable Logic Controllers EECS 4260 Control System Design
Signal and Image Processing	Kim and Salari	EECS 4370 Information Theory and Coding EECS 4380 Digital Signal Processing EECS 4330 Image Analysis & Computer Vision
Power	Khanna	EECS 4240 Power Systems Operation EECS 4460 Power System Analysis EECS 4480 Power Electronics I EECS 4490 Power Electronics II

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