

Computer Engineering (MS): Internship Concentration

This concentration will require an Internship of at least four months duration (maximum of seven months) and the student to take 3 credit hours of ECE 650 and obtain a Satisfactory grade. An internship of at least four calendar months duration would require that it span at least one semester and possibly part of summer. The credits for ECE 650 would be taken during the semester that includes the internship. The student would be considered as being enrolled full time during that semester.

Degree Requirements

A student would not enroll in this concentration in their first semester. They would switch to it in a later semester if they secure a suitable internship. Per normal CPT rules, International students studying on an F-1 visa would have to be present on a US campus for two full semesters (a full academic year), and present at NC State for one semester, before using CPT privileges to take an internship. If a student switches to this concentration but does not start the internship, they will switch back to the original plan.

This will be a concentration only for on-campus students. Students enrolled in our distance education – Engineering Online (EOL) - option will not be eligible.

Code	Title	Hours	Counts towards
Required Courses		1	
ECE 600	ECE Graduate Orientation		
Core Courses ¹		21	
"Core Courses" are approved in conjunction with the academic committee			
Depth Courses	Select at least three credit hours of 700-level courses		
Major Courses	Select at least 15 credit hours of EE courses		
Breadth Course	Select at least three credit hours in different ECE specialites		
Concentration Requirement		3	
ECE 650	Internship ²		
Additional Courses		6	
"Additional Courses" are approved in conjunction with the academic committee to meet 31 total hours			
Total Hours		31	

¹ Students are only allowed three credit hours of ECE 633, ECE 634, ECE 650, ECE 695 (for Thesis students).

² ECE 650 requires that a written report be submitted and accepted by an ECE faculty examiner as meeting the standards required by the course. The written report should cover both technical and non-technical aspects of what the student did and learned during the internship. The report should not disclose company proprietary information.

Faculty

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James Paul Dieffenderfer

Robert Joseph Evans

Rachana Ashok Gupta

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