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.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
<th>Counts towards</th>
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<tbody>
<tr>
<td>ECE 600</td>
<td>ECE Graduate Orientation</td>
<td>1</td>
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Core Courses 1

"Core Courses" are approved in conjunction with the academic committee

| Depth Courses | Select at least three credit hours of 700-level courses | 21 |
| 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

| ECE 650 | Internship 2 | 3 |

Additional Courses

"Additional Courses" are approved in conjunction with the academic committee to meet 31 total hours

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</table>

Total Hours

31

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

Jacob James Adams
Winser E. Alexander
Aydin Aysu
B. Jayant Baliga
Amay Jairaj Bandodkar
Mesut E. Baran
Dror Zeev Baron
Michela Becchi
Salah M. A. Bedair
Subhashish Bhattacharya
George F. Bland
Gregory Edward Bottomley
Laura J. Bottomley
Alper Yusuf Bozkurt
Gregory T. Byrd
Aranya Chakraborty
Rada Yuryevna Chirkova
Mo-Yuen Chow
David H. Covington
Huaiyu Dai
Michael Daniele
William Rhett Davis
Alexander G. Dean
James Paul Dieffenderfer
Alexandra Duel-Hallen
Michael James Escuti
Do Young Eun
Robert Joseph Evans
Brian Allan Floyd
Paul D. Franzon
John J. Grainger

1 Students are only allowed three credit hours of ECE 633, ECE 634, ECE 650, ECE 695 (for Thesis students).
Edward Grant  
Qing Gu  
Rachana Ashok Gupta  
Ismail Guvenc  
Khaled Abdel Hamid Harfoush  
John R. Hauser  
Robert Wendell Heath  
Douglas C. Hopkins  
Brian L Hughes  
Steven Wade Hunter  
Iqbal Husain  
Andrew J. Rindos III  
Steven D. Jackson  
Yaoyao Jia  
Frederick Anthony Kish Jr.  
Robert Dwight Oden Jr.  
Tildon H. Glisson Jr.  
Ki Wook Kim  
Robert Michael Kolbas  
Hamid Krim  
Michael W. Kudenov  
Bongmook Lee  
Shih-Chun Lin  
Michael A. Littlejohn  
Yuchen Liu  
Xiaorui Liu  
Edgar Lobaton  
Ning Lu  
David Lee Lubkeman  
Srdjan Miodrag Lukic  
Leda Lunardi  
Thomas Kenan Miller III  
David Franklin McAllister  
Veena Misra  
Aritra Mitra  
Rainer Frank Mueller  
John F. Muth  
H. Troy Nagle Jr.  
Arne Nilsson  
Omer Oraikan  
John-Paul Ore  
Carlton M. Osburn  
Mehmet Cevdet Ozturk  
Hatice Orun Ozturk  
Zeljko Pantic  
Tania Mikova Paskova  
Spyridon Pavlidis  
Harilaos George Perros  
Wilbur Carroll Peterson  
Nuria Gonzalez Prelcic  
Sarah Ann Rajala  
Bradley Galloway Reaves  
Douglas Stephen Reeves  
David Ricketts  
Eric Rotenberg  
Muhammad Shahzad  
Nitin Sharma  
Mihail Lorin Sichitiu  
Wesley E. Snyder  
Daniel D. Stancil  
Michael B. Steer  
Wenyuan Tang  
J K Townsend  
James Tuck  
Daryoosh Vashaee  
Abraham Vazquez-Guardado  
Elena Nicolescu Veety  
John Victor Veliadis  
Suresh Venkatesh  
Ioannis Viniotis  
Wenyue Wang  
Leonard Wilson White
Jonathan Wierer
Cranos M. Williams
Chau-Wai Wong
Tianfu Wu
Lirong Xiang
Chengying Xu
Donna G. Yu
Wensong Yu
Huiyang Zhou
Yong Zhu