

Computer Engineering (Certificate)

In the certificate program in computer engineering, students gain foundational knowledge in connected systems, networking applications, and computer architecture. Hone your skills in the analysis, design, and operation of computing devices and software, offered over twelve credit hours. Students will work with a variety of hardware and software tools and analyze research to understand state of the art approaches to computer system design and future challenges the industry will face.

More Information

Computer Engineering Program Website (<https://ece.ncsu.edu/grad/certificate/>)

Admission Requirements

Students must meet ONE of the following requirements for admission into a Graduate Certificate Program:

- Have a BS degree in Electrical or Computer Engineering from a regionally accredited four-year college or university, and have an overall GPA of at least 3.0 on a 4-point scale.
- Have a BS or a BA degree in the sciences or engineering from a regionally accredited four-year college or university with an overall GPA of at least 3.0 on a 4-point scale. The student needs to have taken and passed the background courses appropriate for their proposed plan of study. The requirements will be the same as for an MS student as per our application website (<https://www.ece.ncsu.edu/grad/apply/>).
- Be a degree-seeking student in good standing in an NC State University graduate program in the sciences or engineering.

Applicant Information

- **Delivery Method:** On-Campus, Online, Hybrid
- **Entrance Exam:** None
- **Interview Required:** None

Application Deadlines

Please visit The Graduate School Application Deadlines (<https://grad.ncsu.edu/admissions/deadlines/>) page for more information.

Plan Requirements

Code	Title	Hours	Counts towards
Required Courses		12	
Select a minimum of four ECE courses at the 500- or 700-level *			
Total Hours		12	

* Courses are limited to Computer Engineering or cross-listed courses. Excludes Special Topics Courses: ECE 592, ECE 791, and ECE 792.

Faculty

B. Jayant Baliga

Mesut E. Baran
 Salah M. A. Bedair
 Subhashish Bhattacharya
 Alper Yusuf Bozkurt
 Gregory T. Byrd
 Rada Yuryevna Chirkova
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 Brian Allan Floyd
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 John Gajda
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 John J. Grainger
 Edward Grant
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 Robert Wendell Heath
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 Brian L Hughes
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 Derek Kamper
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 Frederick Anthony Kish Jr.
 Robert Michael Kolbas
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Srdjan Miodrag Lukic

Leda Lunardi

Thomas Kenan Miller III

Veena Misra

Rainer Frank Mueller

John F. Muth

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Arne Nilsson

Omer Oralkan

Mehmet Cevdet Ozturk

Harilaos George Perros

Anderson Rodrigo de Queiroz

Douglas Stephen Reeves

James Lee Reynolds

Eric Rotenberg

Vijay Shah

Mihail Lorin Sichitiu

Daniel D. Stancil

Michael B. Steer

J K Townsend

James Tuck

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John Victor Veliadis

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Muhammad Shahzad

Wenyuan Tang

Chau-Wai Wong

Tianfu Wu

Gregory Edward Bottomley

Laura J. Bottomley

James Paul Dieffenderfer

Robert Joseph Evans

Rachana Ashok Gupta

Douglas C. Hopkins

Steven Wade Hunter

Steven D. Jackson

Bongmook Lee

David Lee Lubkeman

Robert Dwight Oden Jr.

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Veety,Elena Nicolescu

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Tildon H. Glisson Jr.

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David Franklin McAllister

Carlton M. Osburn

Wilbur Carroll Peterson

Sarah Ann Rajala

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