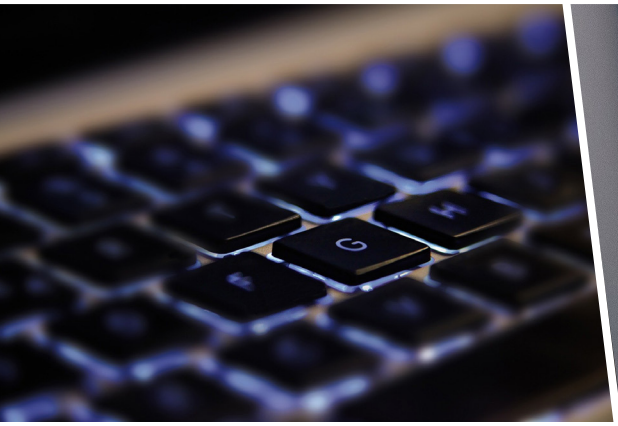
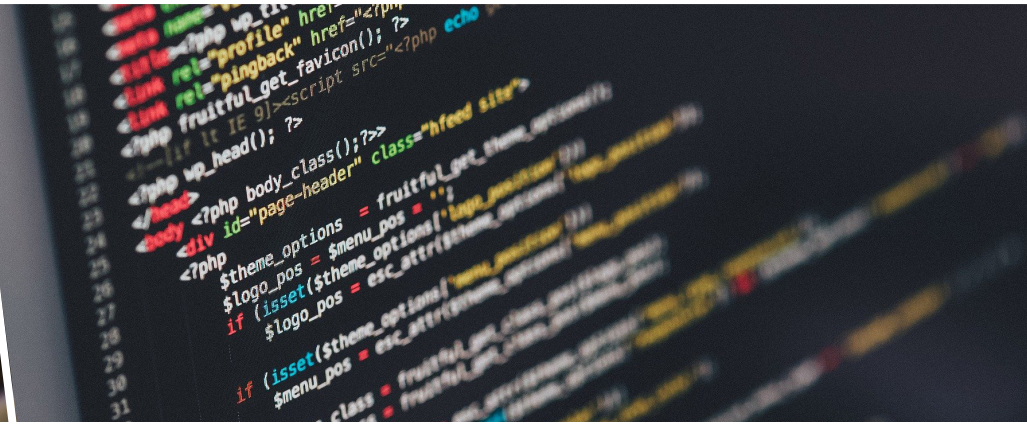
COLLEGE OF
ENGINEERING, ARCHITECTURE
AND TECHNOLOGY

BSCpE: SOFTWARE ENGINEERING OPTION





GENERAL INFORMATION

Electrical and Computer Engineering plans to offer a Software Engineering Option (SOFT) as part of the Computer Engineering degree, effective fall 2021.

- The Option will require 12 credit hours of designated course work.
- The BSCpE degree currently has 6 credit hours of "Breadth Requirements" and 3 credit hours of "Controlled Electives". The Option will use those 9 credit hours, thus eliminating all technical electives from the BSCpE degree.
- The Option adds an additional 3 credit hours to the BSCpE degree for a total degree program of 128 credit hours.
- Visit with ECE Academic Adviser to learn more about SOFT.

SOFT CURRICULUM

- ECEN 4273, Software Engineering
- ECEN 4283, Computer Networks
- CS 3363, Organization of Programming Languages
- Choose one of the following:
  - CS 4243, Introduction to Computer Security
  - CS 4623, Introduction to Cyber Physical Systems
  - CS 4153, Mobile Applications Development

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