



Electrical Engineering Cyber Security Track

Undergraduate Electrical and Computer Engineering Students:

In recognition of Morgan State University's efforts in the advancement of academic program development, research, and preparing students for careers in Cyber Security, the National Security Agency (NSA) and the U.S. Department of Homeland Security (DHS) have designated Morgan State University as a National Center of Academic Excellence in Cyber Defense Education (CAE-CDE). For more information on this designation please refer to the [Morgan's press release](#).

This designation is a very significant achievement for Morgan, and we, in the Electrical and Computer Engineering Department are proud to have led this effort in collaboration with the Computer Science and Information Science departments.

What does this designation mean to ECE students?

We have mapped an extensive set of Knowledge Units provided by the Information Assurance education experts in the NSA and DHS into five (5) ECE senior elective courses to create the Electrical Engineering Cyber Track for undergraduate students. Students whom successfully complete all of the courses in this track will receive the CAE-CDE Cyber Security certificate with the NSA and DHS seals in recognition of their success in the designated Cyber track.

Electrical Engineering Cyber Security Track Courses

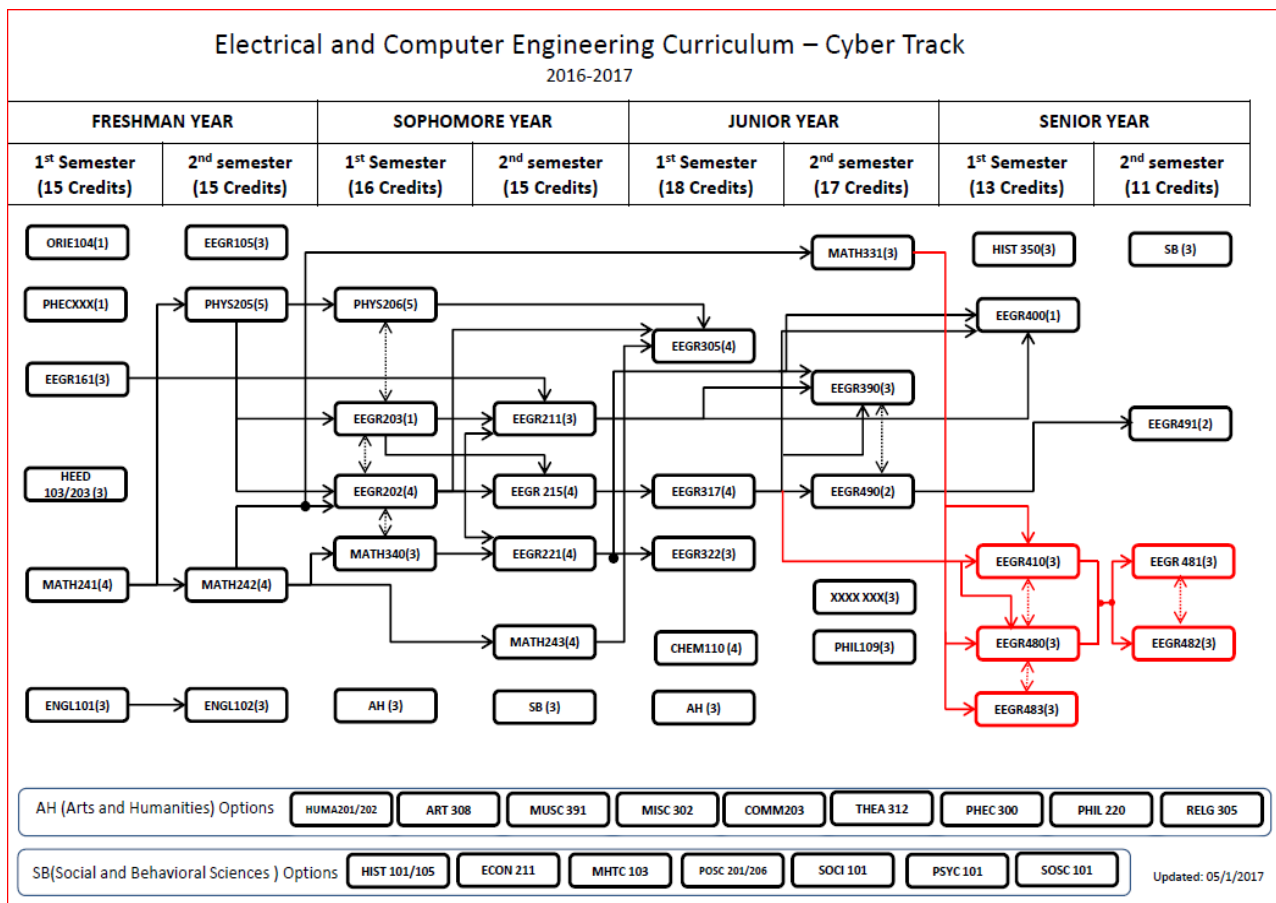
Undergraduate ECE students must complete the following courses for this certification:

- EEGR 410: COMMUNICATIONS NETWORKS
- EEGR 480: INTRODUCTION TO CYBER SECURITY
- EEGR 481: INTRODUCTION TO NETWORK SECURITY
- EEGR 482: INTRODUCTION TO COMMUNICATION SECURITY
- EEGR 483: INTRODUCTION TO SECURITY MANAGEMENT

This track is compatible with the ECE curriculum and students do not have to take extra courses to receive this certificate. These courses satisfy the all four Senior Elective courses (12 credits of EEGR4xx) that are required for the electrical engineering students and one of the two non-EE elective course requirements (3 of 6 credits). For more information on these courses, please refer to our CAE website at [ECE CAE Website](#).

Schedule of Courses

Students can complete this course series in 2 consecutive semesters. EEGR 410, 580, 583 course are offered during Fall semester and EEGR 481, 482 are offered during Spring semester. Considering the prerequisite structure of these courses, a suggested schedule for interested ECE students is shown below.



For additional information and other resources about this program please visit the [Network Information and Embedded Systems Security Center of Academic Excellence \(NIESS-CAE\) Website](#). This website can be reached via the following QR code.

For Scholarship information visit the [Scholarship opportunities page](#) on our website.

For inquiries about this program, you can reach me at farzad.moazzami@morgan.edu

