

# DEPARTMENT OF CYBER SECURITY ENGINEERING

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359 Research Hall  
Fairfax Campus

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Cyber Security Engineering is concerned with the development of cyber resilient systems which include the protection of the physical as well as computer and network systems. It requires a proactive approach in engineering design of physical systems with cyber security incorporated from the beginning of system development. Cyber security engineering is an important quantitative methodology to be used in all industries to include, but not limited to, transportation, energy, healthcare, infrastructure, finance, government (federal, state, and local), and defense. The Cyber Security Engineering Department is focused on academics and research for the cyber security engineering of integrated cyber-physical systems. The department prepares students with a foundation in cyber security engineering, and is most appropriate for students with a strong mathematics and science background.

## Faculty

### Department Faculty

#### Professors

Ateniese, Brouse (Associate Chair), Wijesekera

#### Associate Professors

Barreto, Coffman, Costa (Chair), Ferrari, Gebril, Morsy, Wei

#### Assistant Professors

Arafin, Hossain, Ibrahim, Shah

## Programs

- Cyber Security Engineering, BS
- Cyber Security Engineering, MS