

# CYB3612 : Software Security

The Software Security course introduces how applications may present security vulnerability issues. Students will explore how data can be disclosed or altered within software through system exploits, protocol deficiencies, or interception. Students will investigate software reverse compiling and brute force attacks. Principles of defense-in-depth are demonstrated through layered security approaches using multiple tools to help mitigate attacks at the application level.

**Credits** 3