

# CTI4001 : Network Security and Software

The Network Security and Software course examines network security and software-defined networks. This course builds upon the networking knowledge students have gained and tasks them to build virtual software-defined networks through software automation and cloud-based systems. Students will learn how to secure and validate networks against threats and attacks, identify and respond to instances of malicious network access, and operate the tools and software used to maintain network integrity.

**Credits** 4