Computer Engineering Focus Areas

Students wishing to pursue more focused studies in a Computer Engineering subject/research area have the choice of doing so through a recognized Focus Area. Courses taken towards a Focus Area take the place of some of the Technical Electives required in the Computer Engineering program.

**Computer Networks and Communications Focus Area**

Requirements:
To complete the Computer Networks and Communications Focus the prescribed course must be taken. Three (3) of the seven Computer Networks and Communications Technical Elective courses must also be taken. To complete the program requirements, two (2) additional courses must be selected from the elective courses listed in the Computer Engineering Standard Program.

Prescribed Computer Networks and Communications Course (required)
ECE 4260 Communication Systems

Computer Networks and Communications Technical Elective Courses (3 required)
ECE 4250 Digital Communication
ECE 4520 Simulation and Modelling
ECE 4540 Wireless Networks
ECE 4870 Computer Communication Networks
COMP 3010 Distributed Computing
COMP 4140 Introduction to Cryptography and Cryptosystems
COMP 4580 Computer Security
This flow chart is intended as a guide, and only applies for the current academic year. It should not be used as a guide for subsequent years. Errors may be present in this document. Students should refer to information in the University Calendar.