

# 2019-2020 TTC Catalog

## IST 205 Cisco Advanced Routing

Lec: 3.0 Lab: 0 Credit: 3.0

This course is a study of the concepts and technologies of extending IP addresses, routing principles, scalable routing protocols, managing traffic and access, and building and optimizing scalable Internetworks. The course puts emphasis on expanding network capabilities. The course focuses on learning using technologies such as wireless networks, advanced routing, and network redundancy to ensure high availability in enterprise networks. This course helps prepare students for careers as associate-level Cybersecurity Analysts and for the Cisco Certified Network Associate in Cyber Operations certification exams.

### **Prerequisite**

IST 165

and

IST 190

and

IST 202

and

IST 293

### **Grade Type**

Letter Grade

### **Division**

Business Technology