NTS - NETWORKING TECHNOLOGY SYSTEMS

NTS 104 CCNA 1: Intro to Networks.   3 Credits
Term Typically Offered: Spring
Prerequisite(s): CAPP 120 or Instructor Approval.
3cr. Provides students in the first of four semester courses with classroom and laboratory experience in current and emerging networking technology that will empower them to enter employment or further education and training in the computer networking field. Covers the following networking topics and skills: OSI model and industry standards, network topologies, IP addressing including subnet masks, networking components, basic network design, beginning router configurations, and routed and routing protocols.
Lecture Hours 2, Lab Hours 2
Department: Computer Technologies - COT

NTS 105 CCNA 2: Routing & Switching Es.   3 Credits
Term Typically Offered: Fall
Prerequisite(s): NTS 104.
3cr. Teaches students the skills they will need to design, build, and maintain small to medium size networks. The focus of this course is basic configuration of routers into small networks.
Lecture Hours 2, Lab Hours 2
Department: Computer Technologies - COT

NTS 204 CCNA 3: Scaling Networks.   3 Credits
Prerequisite(s): NTS 105.
Teaches students the skills they will need to design, build, and maintain small to medium size networks. The focus of this course is the integration of routers and switches into small networks.
Lecture Hours 3
Department: Computer Technologies - COT

NTS 205 CCNA 4: Connecting Networks.   3 Credits
Prerequisite(s): NTS 204.
Teaches students the skills they need to design, build, and maintain small to medium size networks. The focus of this course is configuring routers and small networks into WANs (wide area networks).
Lecture Hours 3
Department: Computer Technologies - COT