

## Networking Specialist – Certificate (NESP.CERT)

Networking involves the hardware, software, and communication channels necessary to allow computers to talk to each other. Students will study various components of computer networking. Each 200-level networking class helps prepare students with the skills and knowledge to take vendor-sponsored certification exams. Students who pass the related core exams will be CompTIA Network+ certified and recognized as a Microsoft Certified Systems Administrator (MCSA). Students who pass the appropriate related elective exam can also achieve the premier certifications of Microsoft Certified System Engineer (MCSE) and Certified Cisco Network Administrator (CCNA). Nearly all organizations of any size use computer networks to leverage their core competencies. These organizations need trained networking specialists to install, maintain and troubleshoot their networks. The CompTIA and Microsoft certifications are recognized as industry standards and are required by many employers.

Minimum credits: 27

*Minimum cumulative GPA: 2.0*

*Minimum grade in all courses: 2.0*

*Minimum Jackson College credits: 7*

### NETWORKING SPECIALIST CORE REQUIREMENTS (27 CREDITS)

***Take the following:***

CNS	101	Network Fundamentals/Network+
CNS	106	Computer Networking II
CNS	107	Computer Networking III
CNS	121	Microsoft Networking Client I
CNS	123	Microsoft Networking Server I
CNS	131	Linux Administration I
CNS	141	Wireless Networking
CNS	201	Network Security/Security+