

Networking Specialist Certificate



**Business, Management, Marketing &
Technology Career Pathway**



www.jccmi.edu

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 System 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.....	3.
Minimum cumulative GPA:	2.
Minimum grade in all courses:	2.
Minimum JCC credits:	1.
MACRAO agreement:.....	N

GENERAL EDUCATION REQUIREMENTS – (12 credits)

Take the following:

CIS 101 Introduction to Computer Systems
 ENG 131 Writing Experience
 ENG 232 Technical & Business Writing
 MTH 120 Beginning Algebra or higher

NETWORKING SPECIALIST CORE REQUIREMENTS – (23 credits)

Take the following:

CIS 174 PC Repair/A+ Hardware Component
 CIS 175 PC Repair/A+ Software Component
 CIS 176 A+ Certification Exam Preparation
 CIS 177 Network+/Networking Fundamentals
 CIS 179 Network+ Certification Exam Preparation
 CIS 281 Microsoft® Networking 1
 CIS 282 Microsoft® Networking 2
 CIS 283 Microsoft® Networking 3
 CIS 284 Microsoft® Networking 4