

# A CLOSER LOOK

## BAS Network Administration



THE UNIVERSITY OF ARIZONA  
UA South

### Network Administration

The Bachelor of Applied Science in Network Administration offers students the opportunity to pursue careers in Network Administration, System Administration, Network Engineering, IT Management or Network Technology. The degree serves students who have earned an Applied Associates Degree, or those who have work experience in a related field. Courses include Cisco Networking, wireless networking, IA/computer security, cloud computing, budgeting and technical writing. Students leave the program with expanded technical skills as well as the soft skills needed for career progression. Network Administration is offered in the following locations: Sierra Vista, Pima County, Pinal County, Mesa.

### About Faculty:



#### Sandra Moore

Program Director, Network Administration  
[sdmoore@email.arizona.edu](mailto:sdmoore@email.arizona.edu)

Professor Moore has taught Digital Forensics and Incident Response courses for Capitol College, and has designed and implemented training programs in all aspects of Network Operations, Administration and Analysis. She has held positions at the Department of the Air Force, U.S. Customs and Border Protection, General Dynamics Information Technology, and Booz Allen Hamilton.

- M.S. Cyber Security: Intelligence & Forensics, Utica College (NSA designated Center of Academic Excellence in Cyber Defense)
- B.S. Cyber Security & Information Assurance

### Sample Courses in the Program

**NETV 371:** Network Security covers current cybersecurity topics and issues, with solid theory concepts to support future critical thinking.

**NETV 498:** Capstone students will apply project management concepts and methodology by developing a viable project plan for a non-profit organization or small business in the local community.

**NETV 375:** Routing and switching with a focus on Cisco systems. Simulation software and/or pods of gear available for students.

**NETV 379:** Cloud Computing covers the theory and application of cloud computing, including Cloud Computing network design and connectivity, server management, best-practices, security, and provider service level agreements.



### What are the Requirements to Enter the Program?

The Network Administration program requires a supplemental program application in addition to admission to The University of Arizona. The minimum entrance requirements include:

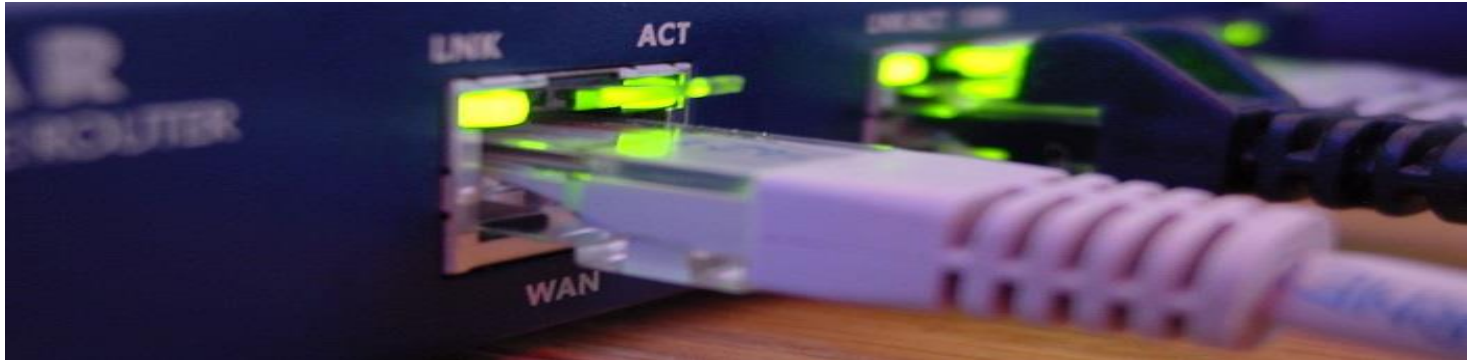
- Minimum 2.5 GPA in your most recent 60 units
- Resume
- Goal Statement
- AAS degree or employment background in Network Administration or IT field

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*“The Network Administration emphasis courses were able to provide knowledge and experience that I used to pass IT and IA industry certifications. The Cyber Threat Intelligence course taught by Sandra Moore was very applicable to security analysis and correlation of events you would come across in a networking position. Overall, my experience at UA South greatly improved my prospects and knowledge.” - Chris Harrell*

### Average Job Salary Range

As more students pursue their degree in Network Administration, there is a growing need to illuminate the best career paths in the field:

Systems Administrator	\$44,330 - \$72,560
Computer Network Architect	\$52,580 - \$91,000
Computer Systems Engineer/Architect	\$64,620 - \$104,250
Network Administrator/Network Engineer	\$44,330 - \$72,560
Computer User Support Specialist	\$34,930 - \$59,090
Internet Consultant	\$35,000 - \$60,000
Help Desk Analyst	\$34,930 - \$59,090
Internet Security Specialist	\$50,430 - \$81,080
Web Security Manager	\$60,000 - \$114,847

Sources of Information: United States Department of Labor: Bureau of Labor Statistics (2011)

### Academic Advisors

Sierra Vista – (520) 458-8278

Santa Cruz County – (520) 287-8632

Douglas – (520) 439-6882

Online – (520) 626-1702

Pima County – (520) 626-1702

Pinal and Maricopa Counties –  
(520) 840-4878

### Career Outlook

#### Sample Employers

- Online Businesses
- Computer and Internet Service Providers
- Banks and Financial Institutions
- Corporations and Government Agencies
- Universities and Colleges

#### Potential Career Areas

- Information Technology Support and Maintenance
- Internet Transactions
- Data Processing and Maintenance
- Network Security and Analysis

**IMAGINE**  
you at UA South

### Questions?

For more information, reach out to a UAS representative.

You can find one in your area by visiting our website at:

<http://www.uas.arizona.edu>