

AAB COMPUTER NETWORK ADMINISTRATION

Minimum 60 hours

Computer network administration prepares students for work in the computer networking industry. Students learn about operating systems management, programming, networking fundamentals and computer integration. The course work prepares students for professional certifications for companies like Microsoft, CompTIA and Cisco.

Below is a sample plan of study. Consult your degree audit for your program requirements.

Associate of Applied Business in Computer Network Administration

- Students are required to successfully complete a minimum of 60 semester hours with an overall grade point average of 2.0 or higher.
- Students should be academically prepared to be placed into MATH 1180 or MATH 1200 at a minimum.
- Students should consult their Degree Audit for coursework that fulfills course requirements in the University Core.
- Students may use the associate degree to go on to the BAOT for 2+2 bachelor degree completion.

First Term		Hours
BUAD 1000	Orientation For Business Students	1
ENGL 1110	College Composition I	3
Select one of the following:		3-4
MATH 1180	Reasoning With Mathematics	
MATH 1200	Mathematical Modeling and Problem Solving	
MATH 1320	College Algebra	
CMPT 1110	Pc Operating Systems	3
Social Sciences Core		3
Hours		13-14

Second Term		Hours
ENGL 2960	Professional and Business Writing	3
CMPT 1020	Computer Concepts	4
CNET 2400	Network Operating System Support	4
CNET 2200	Network Technologies	4
CMPT/CNET Technical Elective Course ²		1
Hours		16

Third Term		Hours
ACTG 1040	Principles Of Financial Accounting	3
BMGT 2700	Managing Diversity In The Workplace (or US Diversity Core) ¹	3
CNET 2100	Microsoft Operating Systems	3
CNET 2150	Computer Hardware	3
Arts/Humanities Core		3
Hours		15

Fourth Term		Hours
ACTG 1050	Principles Of Management Accounting	3
BMGT 1500	Workplace Communication And Presentations	3
CNET 2300	Network Operating Systems II	4
CNET 2410	Network Services and Infrastructures	3
Natural Sciences Core ¹		3
Hours		16
Total Hours		60-61

¹ Select from approved general education/university core course work, see degree audit for course selection.

² Major elective, see degree audit or academic advisor for course selection.

Demonstrate the ability to install, configure and maintain network hardware

Demonstrate the ability to configure and maintain the business' internal network

Demonstrate the ability to manage network security tools such as a firewall or anti-virus system

Demonstrate the ability to configure and upgrade network software
Demonstrate the ability to develop and maintain backups and restore systems

Demonstrate the ability to install and support any networked telecommunication device