



CURRICULUM GUIDE 2019-2020

NETWORK ADMINISTRATOR

Certificate of Achievement in Network Administrator

Network Administrators manage all of the day-to-day aspects of a computer network. In addition to configuring networks they are responsible for making the network operational 24 hours a day. Tasks performed include installing and configuring new equipment, including desktop PCs and servers; troubleshooting day-to-day problems and unusual issues with networked equipment; and evaluating the need for upgrades or replacements of current computer hardware and software solutions. Students who achieve this program can become employed as a network administrator in virtually all businesses and enterprises where computers and networks are used. Students are also well prepared for industry certification.

Requirements for Certificate of Achievement:

- a) Complete Major Field courses.
- b) Complete at least six units at Ohlone College.
- c) Maintain a 2.0 grade point average in Major Field courses.

Student Learning Outcomes

1. Demonstrate confidence to work independently to setup, configure, and maintain a network; stand-alone or network application; and a network system.
2. Demonstrate techniques to troubleshoot situations that impact a network; stand-alone or network application; and a network system.
3. Demonstrate oral and written communication skills.

MAJOR FIELD

CNET-155A	Introduction to Networks (CCNA1)	3
CNET-155B	Routing and Switching Essentials (CCNA2)	3
CNET-156A	Scaling Networks (CCNA3)	2
CNET-156B	Connecting Networks (CCNA4)	2
CNET-162	Windows Server Installation and Configuration Administration AND	2
CNET-164	Windows Server Administration OR	2
CNET-140	Linux System Administration I (LPI-1)	(4)
CNET-170	Network Security (Security+)	4
COMM-125	Career Communication OR	3
ENGL-156	Introduction to Report and Technical Writing	(3)
	Total Required Units:	21