



CURRICULUM GUIDE 2013-2014

MICROSOFT SYSTEMS ADMINISTRATOR (NETWORK+, MCP, MCSE)

Associate in Science in Microsoft Systems Administrator and Certificate of Achievement in Microsoft Systems Administrator

Students who complete this program learn the skills and the general knowledge of Microsoft Systems Administration, including an understanding of theory and the development of a solid foundation of system administration skills. Graduates are qualified for entry-level positions in Microsoft Systems Administration.

Requirements for Associate in Science Degree:

- a) Complete Major Field and Supporting Courses with a grade of C or better.
- b) Complete Ohlone College General Education (Plan A), CSU GE (Plan B), or IGETC (Plan C) requirements. These requirements are specified in the Ohlone College catalog.
- c) Complete at least 60 degree-applicable units with a 2.0 grade point average.
- d) Complete at least 12 units at Ohlone College.

Requirements for Certificate of Achievement:

- a) Complete Major Field courses as indicated below.
- 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 Microsoft computer (client or server); stand-alone or network application; and/or Microsoft server system.
2. Demonstrate techniques to troubleshoot situations that impact the operation of a Microsoft computer (client or server); stand-alone or network application; and/or Microsoft server system.
3. Demonstrate oral and written communication skills.

MAJOR FIELD

CNET-150	Network Operating Systems	4
CNET-160A	Microsoft Client Operating Systems	2
CNET-162	Windows Network Infrastructure Administration	2
CNET-164	Microsoft Directory Services	2
CNET-166	Microsoft Server Operating Systems	2
CNET-166A	Developing Windows Server	2
CNET-166B	Configuring and Troubleshooting Internet Information Services	2
CNET-166C	Configuring and Troubleshooting Windows Terminal Services	2
CNET-167A	Administering Microsoft Exchange Server 2010 OR	2
CNET-168A	Maintaining a Microsoft SQL Server 2008 Database	(2)
ENGL-156	Introduction to Report and Technical Writing OR	3
SPCH-115	Career Communication	<u>(3)</u>
		23

SUPPORTING COURSES (Minimum six units required)

Choose 1-4 units from the following:

WEX-195A1-4	Internship	1-4
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Choose 2-5 units from the following:

CNET-120	VMware: Install, Configure, Manage	2
CNET-154	Network Technician Training	4
CNET-155A	Network Fundamentals	4
CS-102	Introduction to Computer Programming Using C++	4
CS-104A	Introduction to .NET Programming	<u>4</u>
		2-5

Total Required Units: 29