



**CURRICULUM GUIDE**  
**2006-2007**

**DESKTOP SUPPORT TECHNICIAN**  
**(A+, NETWORK+, MCP)**  
**COMPUTERS, NETWORKS, AND EMERGING TECHNOLOGY**

**AS Degree**  
**and**  
**Certificate of Achievement Program**

PC Technicians install, fix, repair, and upgrade personal computers. In contrast to Technical Support Specialists, who often support computer software applications, PC Technicians tend to focus on computer hardware. Software is used, but typically only at the operating system level in order to diagnose problems or correctly configure a system.

**Requirements for AS Degree:**

- a) Complete Major Field and Supporting Courses with a 2.0 grade point average.
- b) Complete Plan A, B, or C General Education requirements. These 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.

**MAJOR FIELD**

CNET-105	PC Hardware and Software	4
CNET-150	Network Operating Systems	4
CNET-152	Data Communications (Network+)	2
CNET-158	Wireless Networks	4
CNET-160A	Microsoft Client Operating Systems	2
CNET-161A	Desktop Support I - Supporting Users	2
CNET-161B	Desktop Support II - Supporting Applications	2
CNET-162A	Microsoft Server Operating Systems	2
ENGL-156	Introduction to Report and Technical Writing OR	3
SPCH-115	Career Communication	<u>(3)</u>

**SUPPORTING COURSES** (Minimum six units required)

Choose 1-4 units from the following:

1-4

CNET-195A1-4 Internship

Choose 2-5 units from the following:

2-5

CNET-101 Introduction to Computers and Information Technology  
CNET-140A Linux Installation and Configuration  
CNET-140B Linux System Administration  
CNET-142A Linux Networking  
CNET-142B Linux Security  
CNET-146 Introduction to UNIX/Linux  
CNET-147 Shell Programming  
CNET-149 PERL Programming  
CNET-155A LAN Network Design  
CNET-155B Router Configuration and Routing  
CNET-156A Routing and Switching  
CNET-156B WAN Design and Support  
CNET-162B Windows Network Infrastructure Administration  
CNET-162C Planning a Microsoft Windows Networks Infrastructure  
CNET-164A Microsoft Directory Services  
CNET-164B Designing Microsoft Windows Directory Services Infrastructure  
CNET-165A Designing a Secure Microsoft Windows Network  
CNET-165B Microsoft Internet Security Server (IIS)  
CNET-167A Network Application Administration I – Email (Exchange)  
CNET-168A Network Application Administration II – Database (SQL)  
CNET-170 Network Security  
CNET-182 Advanced Routing  
CNET-183 Remote Access Networks  
CNET-184 Advanced Switching  
CNET-185 Internetwork Troubleshooting  
CS-102 Introduction to Computer Programming Using C++  
CS-104A Visual Basic.Net Programming  
CS-170 Java Programming  
CS-175 Script Technology for Web Development  
CS-176 CGI Programming with PERL for Web Development