

**Computer Hardware Repair & Troubleshooting Certificate  
C25340A**

This Computer Hardware Repair & Troubleshooting certificate is designed for individuals interested in acquiring advanced technical skills and knowledge to maintain and repair personal computers. Students gain skills in buying parts, upgrading, building, and configuring personal computers. Major hands-on topics include documentation, troubleshooting techniques, PC architectures, disk drives and controller cards, memory management, add-on boards, and communications devices.

Completion of this certificate provides comprehensive preparation for the A+ Certification examinations offered through the Computer Technology Industry Association (CompTIA). All courses in this certificate program may be applied toward completion of the Associate of Applied Science degree in Networking Technology.

<b>Prefix &amp; Number</b>	<b>Description</b>	<b>Class</b>	<b>Lab</b>	<b>Clinical/ Shop</b>	<b>Credit</b>
CIS 111	Basic PC Literacy*	1	2	0	2
CTS 120	Hardware/Software Support	2	3	0	3
CTS 220	Adv Hard/Software Support	2	3	0	3
NET 125	Networking Basics	1	4	0	3
NOS 110	Operating System Concepts	2	3	0	3
NOS 130	Windows Single User	2	2	0	3
	<b>Totals:</b>	<b>10</b>	<b>17</b>	<b>0</b>	<b>17</b>
<b>Total Credit Hours Required for Certificate</b>					<b>17</b>

\* CIS 110 Introduction to Computers may be substituted.