

A+ PRACTICAL APPLICATION

Available Dates: **Call for Dates**

Class Length: **3 day**

Cost: **\$1,497**

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Class Outline:

Description:

This course will prepare students for the CompTIA A+ Practical Application certification exam (2009 Objectives). Students will learn how to support PC hardware in a business setting, including installation, troubleshooting, component replacement, networking, and security. Students will also learn to manage the Windows operating system. The target student for this course is responsible for maintaining PCs in their workplace, and has already completed the CompTIA A+ Certification: Essentials course (or has equivalent experience).

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Unit 1: Power systems

Topic A: Power supplies

Topic B: Power supply troubleshooting

Unit 2: CPUs and motherboards

Topic A: CPU and motherboard installation

Topic B: Motherboard troubleshooting

Unit 3: Memory systems

Topic A: RAM installation

Topic B: Memory troubleshooting

Unit 4: Expansion cards

Topic A: Host system interaction

Topic B: Expansion card installation

Topic C: Expansion card troubleshooting

Topic D: Port, cable, and connector troubleshooting

Unit 5: Data storage devices

Topic A: Hard drives

Topic B: Optical drives

Topic C: Removable storage devices

Topic D: Storage device troubleshooting

Unit 6: Printers and scanners

Topic A: Maintenance

Topic B: Troubleshooting

Unit 7: Mobile computing

Topic A: Configuration

Topic B: Component replacement and troubleshooting

Unit 8: Windows management

Topic A: Directory and file management

Topic B: Resource management

Topic C: Remote management

Unit 9: Windows maintenance

Topic A: Monitoring

Topic B: Maintenance

Topic C: Task Scheduler

Topic D: Troubleshooting

Unit 10: SOHO networking

Topic A: Networking basics

Topic B: Installing a wireless network

Unit 11: Network troubleshooting

Topic A: Troubleshooting basics

Topic B: Troubleshooting the network

Unit 12: Security

Topic A: Common security threats

Topic B: Implementing and troubleshooting security