



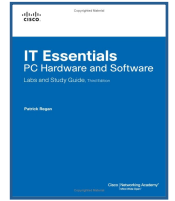
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# CALENDAR OF ACTIVITIES

CNT 110: A+ CERTIFICATION SPRING 2010

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| Lectures and Exams are in Room 216 on Tuesdays | Labs are in Room 214 on Thursdays |  
Labs and Worksheets are due each Thursday for the Previous Week

## Week 1 ● Thursday: Lecture Jan 21

- Introduction
- Syllabus Discussion
- Semester Calendar
- Using the Cisco Curriculum Website
- Curriculum Tour
- Exam - Skills Review – Online – On Screen

### Assignments

- Study Chapter 1 - Introduction to the Personal Computer

## Week 2 ● Tuesday: Lecture Jan 26 ● Thursday: Lecture Jan 28

### Lecture and Assessments

- Chapter 1 - Introduction to the Personal Computer

### Lab Activities

- Lab - Familiarization and Preparation of Kits
- Lab - Manuals and Checklist
- Lab - Syllabus Agreement and Lab Safety Sheet
- Worksheet 1.1.2: Job Opportunities
- Worksheet 1.4.7: Research Computer Components

### Assignments

- Study Chapter 2 - Safe Lab Procedures and Tool Use

## Week 3 ● Tuesday: Lecture Feb 2 ● Thursday: Lab Feb 4

### Lecture and Assessments

- Chapter 2 - Safe Lab Procedures and Tool Use

### Lab Activities

- Lab 2.3.4: Computer Disassembly
- Worksheet 2.2.2: Diagnostic Software

### Assignments

- Study Chapter 3 - Computer Assembly—Step by Step

## Week 4 ● Tuesday: Lecture Feb 9 ● Thursday: Lab Feb 11

### Lecture and Assessments

- Chapter 3 - Computer Assembly—Step by Step

### Lab Activities

- Lab 3.2.0: Install the Power Supply
- Lab 3.3.3: Install the Motherboard
- Lab 3.5.2: Install the Drives
- Lab 3.6.3: Install Adapter Cards
- Lab 3.7.2: Install Internal Cables
- Lab 3.8.2: Complete the Computer Assembly
- Lab 3.9.2: Boot the Computer

### Assignments

- Study Chapter 4 - Basics of Preventive Maintenance and Troubleshooting
- Study Chapter 5 - Fundamental Operating Systems

**Week 5 ● Tuesday: Lecture Feb 16 ● Thursday: Lab Feb 18**

Lecture and Assessments

Chapter 4 - Basics of Preventive Maintenance and Troubleshooting (Written Exam)

Chapter 5 - Fundamental Operating Systems

Lab Activities

Lab 5.4.2: Install Windows XP

Lab 5.4.5: Create Accounts and Check for Updates

Lab 5.5.1: Run Commands

Lab 5.5.4: Install Third-Party Software

Lab 5.6.2: Restore Points

Lab 5.6.3: Windows Registry Backup and Recovery

Worksheet 5.2.2: Search NOS Jobs

Worksheet 5.3.2: Upgrade Hardware Components

Worksheet 5.4.9: Answer NTFS and FAT32 Questions

Assignments

Study Chapter 6 - Fundamental Laptops and Portable Devices

**Week 6 ● Tuesday: Lecture Feb 23 ● Thursday: Lab Feb 25**

Lecture and Assessments

Chapter 6 - Fundamental Laptops and Portable Devices

Lab Activities

Worksheet 6.1.2: Research Laptops, Smart Phones, and PDAs

Worksheet 6.2.3: Complete Docking Stations True or False Questions

Worksheet 6.3.4: Answer Laptop Expansion Questions

Worksheet 6.4.1: Match ACPI Standards

Worksheet 6.7.2: Research Laptop Problems

Assignments

Study Chapter 7 - Fundamental Printers and Scanners

**Week 7 ● Tuesday: Lecture Mar 2 ● Thursday: Lab Mar 4**

Lecture and Assessments

Chapter 7 - Fundamental Printers and Scanners

Lab Activities

Lab 7.4.2: Install All-in-One Device and Software

Assignments

Study Chapter 8 - Fundamental Networks

**Week 8 ● Tuesday: Lecture Mar 9 ● Thursday: Lab Mar 11**

Lecture and Assessments

Chapter 8 - Fundamental Networks

Lab Activities

Worksheet 8.3.2: Identify IP Address Classes

Worksheet 8.9.1: Internet Search for NIC Drivers

Lab 8.9.2: Configure an Ethernet NIC to Use DHCP

Worksheet 8.10.3: Answer Broadband Questions

Worksheet 8.12.2: Diagnose a Network Problem

Assignments

Study Chapter 9 - Fundamental Security

Study Chapter 10 - Communication Skills

**SPRING BREAK – NO CLASSES ● Tuesday: Mar 16 ● Thursday: Mar 18**

**Week 9 ● Tuesday: Lecture Mar 23 ● Thursday: Lab Mar 25**

Lecture and Assessments

Chapter 9 - Fundamental Security (Combined Exam 9 & 10)

Chapter 10 - Communication Skills

Lab Activities

Worksheet 9.1.0: Security Attacks

Worksheet 9.2.1: Third-Party Antivirus Software

Worksheet 9.4.2: Operating System Updates

Remote Technician 9.5.2: Gather Information from the Customer

Worksheet 10.1.0: Technician Resources

Class Discussion 10.2.2: Controlling the Call

Class Discussion 10.2.3: Identifying Difficult Customer Types

Class Discussion 10.3.0: Customer Privacy

Assignments

Study for Final Exam – Chapters 1-10

**Week 10 ● Tuesday: Lecture Mar 30 ● Thursday: Lab Apr 1**

Lecture and Assessments

Review for Final Exam – Chapters 1-10

Final Exam – Chapters 1-10

Lab Activities

Hands-On Final Skill Exam – Chapters 1-10

Assignments

Study Chapter 11 - Advanced Personal Computers

**Week 11 ● Tuesday: Lecture Apr 6 ● Thursday: Lab Apr 8**

Lecture and Assessments

Chapter 11 - Advanced Personal Computers

Lab Activities

Worksheet 11.1.0: Job Opportunities

Worksheet 11.3.7: Research Computer Components

Lab 11.4.1: Install a NIC

Lab 11.4.3: Install Additional RAM

Lab 11.4.4: BIOS File Search

Lab 11.4.5: Install, Configure, and Partition a Second Hard Drive

Lab 11.6.3: Repair Boot Problem

Remote Technician 11.6.3: Repair Boot Problem

Assignments

Study Chapter 12 - Advanced Operating Systems

Study Chapter 13 - Advanced Laptops and Portable Devices

**Week 12 ● Tuesday: Lecture Apr 13 ● Thursday: Lab Apr 15**

Lecture and Assessments

Chapter 12 - Advanced Operating Systems (Combined Exam 12 & 13)

Chapter 13 - Advanced Laptops and Portable Devices

Lab Activities

Lab 12.2.2: Advanced Installation of Windows XP

Curriculum Lab 12.2: Creating a Partition in Windows XP Pro (12.2.3)

Lab 12.2.4: Customize Virtual Memory Settings

Lab 12.2.5: Install an Alternate Browser (Optional)

Lab 12.4.1: Schedule Task Using GUI and at Command

Lab 12.5.3: Fix an Operating System Problem

Remote Technician 12.5.3: Fix an Operating System Problem

Worksheet 13.2.0: Investigating Repair Centers

Worksheet 13.3.1: Laptop Batteries

Worksheet 13.3.2: Docking Station

Worksheet 13.3.3: Research DVD Drive

Worksheet 13.3.4: Laptop RAM

Worksheet 13.5.3: Verify Work Order Information  
Assignments  
Study Chapter 14 - Advanced Printers and Scanners

**Week 13 ● Tuesday: Lecture Apr 20 ● Thursday: Lab Apr 22**

Lecture and Assessments

Chapter 14 - Advanced Printers and Scanners

Lab Activities

Lab 14.2.4: Install an All-in-One Printer/Scanner

Lab 14.3.2: Share the All-in-One Printer/Scanner

Lab 14.4.2: Optimize Scanner Output

Worksheet 14.5.1: Search for Certified Printer Technician Jobs

Lab 14.6.3: Fix a Printer

Remote Technician 14.6.3: Fix a Printer Problem

Assignments

Study Chapter 15 - Advanced Networks

Study Chapter 16 - Advanced Security

**Week 14 ● Tuesday: Lecture Apr 27 ● Thursday: Lab Apr 29**

Lecture and Assessments

Chapter 15 - Advanced Networks (Combined Exam 15 & 16)

Chapter 16 - Advanced Security

Lab Activities

Worksheet 15.2.2: Protocols

Worksheet 15.3.2: ISP Connection Types

Lab 15.4.2a: Configure Browser Settings

Lab 15.4.2b: Share a Folder, Share a Printer, and Set Share Permissions

Lab 15.5.1: Install a Wireless NIC

Lab 15.5.2: Configure a Wireless Router

Lab 15.5.3: Test the Wireless NIC

Lab 15.8.3: Fix Network Problem

Remote Technician 15.8.3: Fix Network Problem

Worksheet 16.1.1: Answer Security Policy Questions

Worksheet 16.2.3: Research Firewalls

Lab 16.3.2: Configure Windows XP Firewall

Lab 16.5.3: Fix a Security Problem

Remote Technician 16.5.3: Fix a Security Problem

**Week 15 ● Tuesday: Lecture May 4 ● Thursday: Lab May 6**

Lecture and Assessments

Course Feedback

Hand Out Tool Kits

Lab Activities

Make-up Lab and Worksheets

Assignments

Hands-On Final Skill Exam – Chapters 11-16

Study for Final Exam – Chapters 11-16

**Week 16 ● Tuesday: Lecture May 11**

Lecture and Assessments

Review for Final Exam – Chapters 11-16

Certificates

Final Exam – Chapters 11-16

# Spring 2010 Academic Calendar

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## January 20 - May 11, 2010

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Event	Day	Dates
Registration opens for continuing, degree-seeking students	Monday	November 16, 2009
Registration opens for all students	Monday	November 30, 2009
Martin Luther King Jr. Day Holiday (No Classes. All Offices Closed.)	Monday	January 18, 2010
Faculty/Staff Development Day (Admissions & Registration, Advising, Financial Aid, & Learning Center open at 1:30 pm. All other offices closed.)	Wednesday	January 13, 2010
Faculty Activities Week	Wed-Fri	January 13-15, 2010
Spring Regular Semester begins	Wednesday	January 20, 2010
Spring Regular Semester ends	Tuesday	May 11, 2010
Northern Arizona Regional Training Academy (NARTA) Graduation	Friday	May 14, 2010
Verde Valley Graduation	Friday	May 14, 2010
Nursing Commitment & Graduation	Saturday	May 15, 2010
Prescott Campus Graduation	Saturday	May 15, 2010

## Holidays & Closures

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Spring Break ( <i>No Classes. Offices Closed.</i> )	Mon-Fri, March 15-19, 2010
Memorial Day ( <i>No classes, offices closed</i> )	Monday, May 31, 2010