# **Course Alignment for CIS 1510**

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| **CO 1** | Implement and troubleshoot various network protocols and services, including TCP/IP, dial up connections, Virtual Private Networks (VPNs) and Internet Connection Sharing (ICS). |
| **CO 2** | Configure and troubleshoot User Account Control, Windows Defender, dynamic security for Internet Explorer and the Windows firewall. |
| **CO 3** | Perform clean installations and upgrade to the current version from previous client operating systems. |
| **CO 4** | Configure and manage the various file systems available, including FAT, FAT32 and NTFS, and their associated features, such as file and folder compression and encryption. |

**Note:** Course Objectives are institutionally mandated and taken from the Master Syllabus.

# **Course Structure and Alignment**

**Note:** Topic Objectives are developed by the course coordinator to align with the Course Objectives.

| **Topic** | **Objectives** | **CO #** | **Materials** | **Activities** | **Assessments** |
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| **Unit 1 – Getting Started**(Covers Introduction, Windows Desktop, File Explorer, Settings and Cloud) | * Identify the basic components of Windows 10.
* Evaluate the features of Windows 10.
* Demonstrate usage of Windows Desktop.
* Demonstration usage of File Explorer.
* Demonstrate usage of Settings, Updating, and OneDrive.
 | 3, 4 | Introduction and ObjectivesChapters 1, 2, 3, 4Ascend Coursework (readings and videos) | Complete Unit activities:Module 1 sections 1.1.1-4Module 1.2 sections 1.2.1, 1.2.2Module 1.3 sections 1.3.1-1.3.3Module 2 sections 2.1.1-2.1.4Complete Unit practice quizzes:Quizzes 1, 2, 3, 4  | Unit Pre-AssessmentRequired Assignments:* Installing Windows & Configuring Authorization and Authentication
* Configuring and Managing Permissions and Shares
* Updating Windows in Windows 10

Unit Post-Assessment (if needed) |
| **Unit 2 – Configuration and Use**(Covers Desktop, Applications and Accessories, Printing and Internet Browsing) | * Personalize your desktop.
* Use Applications and Accessories.
* Manage Printing.
* Demonstrate Use of Windows Browser and Networking.
 | 2, 3, 4  | Introduction and ObjectivesChapters 5, 6, 7, 8Ascend Coursework (readings and videos) | Complete Unit activities:Module 2 sections 2.2.1-2.2.2Module 2 sections 2.3.1-2.3.2Module 3 section 3.1.1Module 3 section 3.2.1Complete Unit practice quizzes: Quizzes 5, 6, 8 | Unit Pre-AssessmentRequired Assignments:* Configuration and Personalization Lab
* Managing Apps Lab
* Drivers Lab
* Networking Lab

Unit Post-Assessment (if needed) |
| **Unit 3 – Deployment and Planning**(Covers Deployment, Planning, and installation options) | * Demonstrate use of Windows Deployment and understanding of its parts.
* Install Windows from different media.
* Plan Windows Deployments.
 | 1, 3, 4 | Introduction and ObjectivesChapters 9, 10, 11, 12, 13Ascend Coursework (readings and videos) | Complete Unit activities:Module 4 section 4.1.1Module 4 section 4.2.1Module 4 section 4.3.1Module 5 section 5.1.1Module 5 section 5.2.1Complete Unit practice quizzes: Quizzes 9, 10, 11, 12, 13 | Unit Pre-AssessmentRequired Assignments:* Support a Windows 10 Environment Lab
* Troubleshooting the OS Lab
* Configuring Storage Lab

Unit Post-Assessment (if needed)Required Assignment | Midterm |
| **Unit 4 – Accounts, Policies, and Profiles**(Covers User accounts, Policies, and Profiles) | * Manage user accounts and security features.
* Implement Policies.
* Administer Device and User Profiles.
 | 1, 2, 3, 4 | Introduction and ObjectivesChapters 14, 15, 16, 17Ascend Coursework (readings and videos) | Complete Unit activities:Module 5 section 5.3.1Module 6 section 6.1.1Module 6 section 6.2.1Module 6 section 6.3.1Complete Unit practice quizzes: Quizzes 14, 15, 16, 17 | Unit Pre-AssessmentRequired Assignment: * Data Access Lab

Unit Post-Assessment (if needed) |
| **Unit 5 – Security and Management**(Covers Security, Management of Apps, Devices, and Updates, Monitoring) | * Use Windows Security tools and features.
* Manage updates and Applications.
* Monitor and control windows devices.
 | 1, 2, 4 | Introduction and ObjectivesChapters 18, 19, 20, 21, 22, 23, 24Ascend Coursework (readings and videos) | Complete Unit activities:Module 7 section 7.1.1Module 7 section 7.2.1Module 8 section 8.1.1Module 8 section 8.2.1Module 8 section 8.3.1Module 9 section 9.1.1Module 9 section 9.2.1Complete Unit practice quizzes:Quizzes 18, 19, 20, 21, 22, 23, 24 | Unit Pre-AssessmentRequired Assignment:* Security Lab

Unit Post-Assessment (if needed) |
| **Unit 6 - Final** | -- | 1, 2, 3, 4  | All course material |  | Unit 6 | Final ExamRequired Assignment | Final Project |