

# CIST 2411 - Microsoft Client ( version 201003L )

| Course Title     | Course Development | Learning Support |
|------------------|--------------------|------------------|
| Microsoft Client | Standard           | No               |

## Course Description

Provides the ability to implement, administrator, and troubleshoot Windows Professional Client as a desktop operating system in any network environment.

## Pre-requisites

Pre-requisites: All Required

|                   |
|-------------------|
| Program Admission |
|-------------------|

## Co-requisites

Co-requisites: None

## Course Length

|                                 | Minutes     | Contact Hour | Semester Credit | WLU          |
|---------------------------------|-------------|--------------|-----------------|--------------|
| <b>Lecture:</b>                 | <b>1500</b> | <b>30</b>    |                 |              |
| <b>Lab 2:</b>                   | <b>3000</b> | <b>60</b>    |                 |              |
| <b>Lab 3:</b>                   | <b>0</b>    | <b>0</b>     |                 |              |
| <b>Total:</b>                   | <b>4500</b> | <b>90</b>    | <b>4</b>        |              |
| <b>Semester Credit Hours:</b>   |             |              | <b>4</b>        | <b>142.5</b> |
| <b>Breakout Detail of Lab 3</b> |             |              |                 |              |
| <b>Practicum/Internship</b>     | <b>0</b>    | <b>0</b>     |                 |              |
| <b>Clinical</b>                 | <b>0</b>    | <b>0</b>     |                 |              |

## Competencies & Outcomes

| Order | Description  | Lecture | Lab 2 | Lab 3 | Total Min | Credit Hrs      | Pract Intern      | Clinical |
|-------|--|---------|-------|-------|-----------|-----------------|-------------------|----------|
| 1     | <b>Installing and Ugrading Windows Client</b>  | 370     | 740   | 0     | 1110      | 1               | 0                 | 0        |
| Order | Description  |         |       |       |           | Learning Domain | Level of Learning |          |
| 1     | Identify hardware requirements.  |         |       |       |           | Cognitive       | Knowledge         |          |
| 2     | Perform a clean installation.  |         |       |       |           | Psychomotor     | Guided Response   |          |
| 3     | Perform an Upgrade to the current version of Windows Client from previous versions of Windows. |         |       |       |           | Psychomotor     | Guided Response   |          |
| 4     | Perform an Upgrade from one edition of Windows Client to another edition.                      |         |       |       |           | Psychomotor     | Guided Response   |          |
| 5     | Perform Troubleshoot Windows client installation issues.                                       |         |       |       |           | Psychomotor     | Guided Response   |          |
| 6     | Perform Install and configure Windows client drivers.  |         |       |       |           | Psychomotor     | Guided Response   |          |

2 **Configuring and Troubleshooting Post-Installation System Settings** 130 280 0 410 0 0 0

| Order | Description  | Learning Domain | Level of Learning |
|-------|--|-----------------|-------------------|
| 1     | Perform Configure and troubleshoot Windows Aero.             | Psychomotor     | Guided Response   |
| 2     | Perform Troubleshoot post-installation configuration issues. | Psychomotor     | Guided Response   |
| 3     | Perform Configure and troubleshoot parental controls.        | Psychomotor     | Guided Response   |
| 4     | Perform Configure Microsoft Internet Explorer Browser.       | Psychomotor     | Guided Response   |

3 **Configuring Windows Security Features** 130 280 0 410 0 0 0

| Order | Description  | Learning Domain | Level of Learning |
|-------|--|-----------------|-------------------|
| 1     | Perform Configure and troubleshoot User Account Control.     | Psychomotor     | Guided Response   |
| 2     | Perform Configure Windows Defender/malware protection.       | Psychomotor     | Guided Response   |
| 3     | Perform Configure Dynamic Security for Microsoft Browser.    | Psychomotor     | Guided Response   |
| 4     | Perform Configure security settings in the Windows Firewall. | Psychomotor     | Guided Response   |

4 **Configuring Network Connectivity** 190 380 0 570 1 0 0

| Order | Description   | Learning Domain | Level of Learning |
|-------|---|-----------------|-------------------|
| 1     | Perform Configuring networking by using the Network and Sharing Center. | Psychomotor     | Guided Response   |
| 2     | Perform Troubleshoot connectivity issues.                               | Psychomotor     | Guided Response   |
| 3     | Perform Configure remote access.  | Psychomotor     | Guided Response   |

5 **Configuring Applications Included with Windows Client** 120 200 0 320 0 0 0

| Order | Description  | Learning Domain | Level of Learning |
|-------|--|-----------------|-------------------|
| 1     | Perform Configure and troubleshoot media applications. | Psychomotor     | Guided Response   |
| 2     | Perform Configure Windows Mail.                        | Psychomotor     | Guided Response   |
| 3     | Perform Configure Windows Meeting Space.               | Psychomotor     | Guided Response   |
| 4     | Perform Configure Windows Calendar.                    | Psychomotor     | Guided            |

Response

|   |  |             |                 |
|---|--|-------------|-----------------|
| 5 | Perform Configure Windows Fax and Scan.        | Psychomotor | Guided Response |
| 6 | Perform Configure Windows Sidebar and Gadgets. | Psychomotor | Guided Response |

6 **Maintaining and Optimizing Systems That Run Windows Client** 370 740 0 1110 1 0 0

| Order | Description   | Learning Domain | Level of Learning |
|-------|---|-----------------|-------------------|
| 1     | Perform Troubleshoot performance issues.                                    | Psychomotor     | Guided Response   |
| 2     | Perform Troubleshoot reliability issues by using built-in diagnostic tools. | Psychomotor     | Guided Response   |
| 3     | Perform Configure Windows Update.   | Psychomotor     | Guided Response   |
| 4     | Perform Configure data protection.  | Psychomotor     | Guided Response   |

7 **Configuring and Troubleshooting Mobile Computing** 190 380 0 570 1 0 0

| Order | Description                                | Learning Domain | Level of Learning |
|-------|--|-----------------|-------------------|
| 1     | Perform Configure mobile display settings. | Psychomotor     | Guided Response   |
| 2     | Perform Configure mobile devices.          | Psychomotor     | Guided Response   |
| 3     | Perform Configure Tablet PC software.      | Psychomotor     | Guided Response   |
| 4     | Perform Configure power options.           | Psychomotor     | Guided Response   |

|                           |                        |                      |                   |                          |                      |                          |                      |
|---------------------------|------------------------|----------------------|-------------------|--------------------------|----------------------|--------------------------|----------------------|
| <b>Competency Totals:</b> | <b>Lecture</b><br>1500 | <b>Lab 2</b><br>3000 | <b>Lab 3</b><br>0 | <b>Total Min</b><br>4500 | <b>Cred Hrs</b><br>4 | <b>Pract Intern</b><br>0 | <b>Clinical</b><br>0 |
|---------------------------|------------------------|----------------------|-------------------|--------------------------|----------------------|--------------------------|----------------------|