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| **Network Management System** | **Module Title:** |
| **CAP 333** | **Module ID:** |
| **CAP 240, CAP 332** | **Prerequisite:** |
| **6** | **Level:** |
| **3 (1+4+0)** | **Credit Hours:** |

**Module Description:**

Practices and procedures for installing and configuring modern network operating systems, including user accounts, file, print and terminal servers, mobile computing, and disaster protection.

**Module Aims:**

The course introduces Practices and procedures for installing and configuring modern network operating systems, including user accounts, file, print and terminal servers, mobile computing, and disaster protection.

**Learning Outcomes:**

* To learn the evolution of Operating systems.
* Installing to computer networks
* Using the Shell
* Understanding Processes
* To study computer security issues and Operating System tools.
* Understanding Shell Scripts
* Using Backup

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| List of Topics | No. ofWeeks | Contact Hours |
| Introduction | 1 | 3 |
| Network Operating-System | 1 | 3 |
| Learning The Shell | 2 | 6 |
| Manipulating Files And Directories | 2 | 6 |
| Permissions | 2 | 6 |
| Processes. | 1 | 3 |
| Networking | 2 | 6 |
| Archiving And Backup | 2 | 6 |
| Text Processing | 1 | 3 |
| Writing Shell Scripts | 1 | 3 |

**Textbook**:

 Michael Palmer and Michael Walters, Guide to Operating Systems, Cengage Learning