

## CPTR2272 - Network Operating Systems

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| Credits:           | 3 (2/1/0)   |
| Description:       | This course teaches the functions of a network operating system so the student can effectively maintain and manage a network. The student learns how to establish and oversee the operations of a network, create logins, design and establish directory structures and implement security.   |
| Prerequisites:     | <ul style="list-style-type: none"> <li>• CPTR1122</li> <li>OR</li> <li>• CPTR1001</li> <li>OR</li> <li>• CPTR1148</li> <li>OR</li> <li>• CPTR1125</li> </ul>  |
| Corequisites:      |   |
| Pre/Corequisites*: |   |
| Competencies:      | <ol style="list-style-type: none"> <li>1. Manage network accounts and groups.</li> <li>2. Configure remote network access.</li> <li>3. Manage network services.</li> <li>4. Design network domain structures.</li> <li>5. Describe multi-domain network structures.</li> <li>6. Create fault-tolerant resource plans.</li> <li>7. Manage security settings and policies.</li> <li>8. Analyze network resource utilization.</li> <li>9. Document network configuration.</li> </ol> |
| MnTC goal areas:   | None  |

\*Can be taking as a Prerequisite or Corequisite.