Network Operating Systems CPTR 2272

Course Outcome Summary
Minnesota State Community and Technical College

Information
Alternate Title: Network Operating Systems 272
Project Type: Course
Course Number: CPTR 2272
Credits: 3
Contact Hours: 64
Instructional Area: Computer Information Systems
Instructional Level: Associate Degree
Developers: Eric Daeuber
Development Date: 01/27/2006

Types of Instruction

<table>
<thead>
<tr>
<th>Type of Instruction</th>
<th>Contact Hours</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Classroom Presentation</td>
<td>32</td>
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<tr>
<td>On-Campus Lab</td>
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<td>Totals</td>
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Description
This course teaches 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
1. CPTR 1138, Information Systems OR CPTR 1148, Microcomputer Operating Systems OR CSEC 1104, PC Hardware and Software

Supplies
**Competencies, Linked Exit Learning Outcomes, and Performance Standards**

1. Manage network accounts and groups.

2. Configure remote network access.

3. Manage network services.

4. Design network domain structures.

5. Describe multi-domain network structures.

6. Create fault tolerant resource plans.

7. Manage security settings and policies.

8. Analyze network resource utilization.