

## LABETTE COMMUNITY COLLEGE BRIEF SYLLABUS

### **SPECIAL NOTE:**

This brief syllabus is not intended to be a legal contract. A full syllabus will be distributed to students at the first class session.

### **TEXT AND SUPPLEMENTARY MATERIALS USED IN THE COURSE (if any):**

Please check with the LCC bookstore <http://www.labette.edu/bookstore> for the required texts for this class.

**COURSE NUMBER:** COMP 199

**COURSE TITLE:** PC TROUBLESHOOTING LAB

**SEMESTER CREDIT HOURS:** 2

**DEPARTMENT:** Computer Science

**DIVISION:** General Education

**PREREQUISITE:** COMP 198 PC Troubleshooting Or  
Permission of Instructor

### **COURSE DESCRIPTION:**

This course is designed to expand the concepts of computer hardware installation and repair. Skills to diagnose and repair PC problems in both hardware and software will be explored.

### **COURSE OUTCOMES AND COMPETENCIES:**

**Students who successfully complete this course will be able to:**

1. Plan the installation of Windows 2000 Professional and Server.

- Perform an attended installation.
- Perform an unattended installation.
- Perform an upgrade installation.
- Troubleshoot failed installation.

2. Administer, maintain, troubleshoot, monitor, and optimize Windows 2000 Professional and Server.

- Monitor, configure, troubleshoot, and control access to printers, folders, and files.
- Configure and troubleshoot hardware devices.
- Monitor and optimize the usage of resources.
- Monitor, configure and troubleshoot disks and volumes.
- Implement, configure, manage, and troubleshoot EFS, policies, auditing, and account policy.

### 3. Implement and administer Windows 2000 Network Infrastructure.

- Install, configure, manage and troubleshoot DNS in a Windows 2000 network.
- Install, configure, manage and troubleshoot DHCP in a Windows 2000 network.
- Install, configure, manage and troubleshoot Remote Access in a Windows 2000 network.
- Install, configure, manage and troubleshoot Network Protocol in a Windows 2000 network.

### 4. Implement and administer Windows 2000 Directory Services Infrastructure.

- Install, configure, manage and troubleshoot DNS for Active Directory.
- Install, configure, manage and troubleshoot Group Policy and Remote Installation Services.
- Manage, monitor and optimize components of Active Directory.
- Configure, manage, monitor and troubleshoot Active Directory Security Solution.