

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 200

COURSE TITLE: OPERATING SYSTEMS

SEMESTER CREDIT HOURS: 3

DEPARTMENT: Computer Science

DIVISION: CTE

PREREQUISITES: COMP 198

REVISION DATE: November 10, 2016

COURSE DESCRIPTION:

This course will cover the principles of modern operating systems. Students will learn about the details of concurrent processes, multi-threads, CPU scheduling, memory management, file system, storage subsystem, and input/output management. The course will integrate theory and practice through coordinated lecture and lab activities.

COURSE OUTCOMES AND COMPETENCIES:

Students who successfully complete this course will be able to:

1. Identify the principle operating systems.
2. Demonstrate understanding of the relationship between subsystems of a modern operating system.
3. Develop multi-process and multi-threaded applications.
4. Evaluate the efficiency aspect of using system resources (processor, memory, disk).