

# Course Syllabus

## Course Name: Operating System Concepts

### Course Number/Section: NOS 110 / 01

Spring Semester 2011 Class Hours: TTH 12:30-2:45

Instructor:	Lee Anne H. Bryan, M.EGR.	Office Location:	Building 17 – Office 103 Parker High Technology Building
Office Phone:	(910) 879-5653	Office Hours:	Monday: 9:25-10:25 am Tuesday: 9:15-10:15 am, 2:45-3:15 pm Wednesday: 9:25-10:25 am Thursday: 9:15-10:15 am, 2:45-3:15 pm
E-mail:	lbryan@bladencc.edu		
Instructor Webpage:	<a href="http://www.n4rsa.com">http://www.n4rsa.com</a>		

#### TEXT, REQUIRED SOFTWARE and MATERIALS:

*Survey of Operating Systems*, second edition, Authors: Charles Holcombe and Jane Holcombe, McGraw-Hill, 2006, ISBN 0072257733.

*LabSim for A+ Operating Systems Technologies*, TestOut, Course Technology, 2003, ISBN 0619186763.

(1) USB 2.0 Portable Flash Drive (at least 512 MB)

#### DESCRIPTION:

This course introduces students to a broad range of operating system concepts, including installation and maintenance. Emphasis is placed on operating system concepts, management, maintenance, and resources required. Upon completion of this course, students will have an understanding of OS concepts, installation, management, maintenance, using a variety of operating systems.

**Special Needs Information:** Students with special needs related to a diagnosed disability should contact Tommy Rains (910.879.5570; [trains@bladencc.edu](mailto:trains@bladencc.edu)) in student services for assistance. Mr. Rains should be contacted within 48 hours of the beginning of class if any special accommodations are needed.

**GOALS/STUDENT LEARNING OUTCOMES** (Students will be able to demonstrate competency in the following areas):

1. Learn Operating System terminology
2. Understand Operating System concepts
3. Identify required Operating System maintenance
4. Differentiate between different Operating Systems

#### REQUIREMENTS:

Assignments  
Tests  
Mid-Term Exam  
Lab Projects/Sims  
Research Paper  
Final

#### EVALUATION:

Regular attendance is required to pass this course. After 16 hours of absence, the student is dropped. This roughly equals 6 classes.

# Course Syllabus (cont.)

All assignments will be given a point value; grades will be recorded as having achieved an amount of the total points possible.

Attendance and Participation	10%
Tests	20%
Mid-Term Exam	10%
Research Paper	10%
Assignments	20%
Lab Projects/Sims	20%
Final	10%*

\*Exempt from Final Exam if student has an A average with 2 or less absences.

100 – 90 = A	89 – 80 = B	79 – 70 = C	69 – 60 = D	59 and below = F
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**Academic Integrity:** Students are held accountable for the academic honesty of all work completed in this course. The BCC Academic Honesty policy can be found on pages 13-14 of the *BCC Student Handbook* and on pages 27-28 of the *BCC Catalog*. If a question arises about the originality of student work, the burden of proof lies with the student. As indicated in the honesty policy, students who plagiarize or otherwise violate the policy may fail either or both the assignment and/or the course at the instructor's discretion.

## Ground Rules:

### 1. Course Attendance:

- Class attendance of 100% is expected. Class absences will demand a 10-point reduction per day in the student's attendance grade.
  - If contact is not made prior to the 10 percent point of the course, then the student will be dropped from the course with a grade of "W".
  - If absences exceed 20% of all scheduled contact hours, the student will be dropped from the course with a grade of "W" or "WF" depending on the official withdrawal date.
  - If absent from class for two consecutive weeks, the student will be dropped from the course with a grade of "W" or "WF" depending on the official withdrawal date.
- Punctuality is expected. Students who are late for class may be denied admittance and be considered absent for the class. If allowed to enter class, a 5-point reduction per day in the student's attendance grade will be applied. Students who leave early, without instructor permission, may receive an absence mark for the class.
- See the college catalog for current policy concerning class attendance, tardiness, drop / add periods, etc.

### 2. Course Assignments:

- Late assignments will be accepted at the discretion of the instructor. However, no late assignments will be accepted during final exam week.
- The student will be responsible for completing and saving assignments in the specified file types. Any other format will not be accepted.
- The student will be responsible for completing the lab assignments and will be expected to fully understand the material. Completion of all assigned labs is a requirement for successful course completion.
- All coursework must be completed. It is not the responsibility of the instructor to advise the student of missed work during the semester or the last week of the semester.
- If the student misses or arrives late to a lecture / lab, the student is responsible for the material presented, handouts distributed, and any announcements made that day. The instructor will not provide notes for missed classes.

## Course Syllabus (cont.)

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### 3. Course Quizzes and Exams:

- Quizzes, tests, and exams must be taken on the scheduled date; otherwise a grade of zero will be assigned. Any exceptions to this policy must be the result of a documented emergency or prior arrangement with the instructor. Make-ups must be taken within one week of the originally scheduled test date and will be assessed a three (3) point deduction from the exam grade for each day that the exam is late. It is the responsibility of the student to make necessary arrangements with the instructor to take the make-up test or exam in the appropriate time frame.
- Final exams should be taken on the date specified in the exam schedule, unless a conflict occurs. Please notify the instructor of any problems with the scheduled final exam date.

### 4. Course Cell Phone and Pager Policy:

- You may have a cell phone in this class, but let family and friends know it is for emergency calls only. You must set the phone on silent or vibrate or you will lose the privilege of having a phone in class. Please step outside to answer any emergency calls. Also, accepting a page or cell phone call *during a quiz or exam* will result in that student's paper being confiscated at the time of the page / call.
- NOTE: Having a pager or cell phone in class is an individual privilege which can be easily revoked by the instructor on a per student basis for abuse of the class policy.

## NOS 110: Operating System Concepts

Course Schedule (*Highly Volatile and Subject to Change!*)

Week 1 Jan. 6-12	Syllabus; Introduction to Operating Systems
Week 2 Jan. 12-20	Disk Operating System (DOS)
Week 3 Jan. 21-27	Windows NT Workstation 4.0
Week 4 Jan. 28-Feb. 3	Windows 2000 Professional
Week 5 Feb. 4-10	Test #1; Windows XP Professional
Week 6 Feb. 11-17	Making the Windows GUI Work for You
Week 7 Feb. 18-24	Managing Local Security in Windows
Week 8 Feb. 25-Mar. 3	Mid-Term Exam; A Look under the Hood
Week 9 Mar. 4-17	Introduction to Network Server Operating Systems
Week 10 Mar. 18-24	The Client Side of Networking
Weeks 11-12 Mar. 25-Apr. 7	Test #2; Research Paper
Weeks 13-14 Apr. 8-21	Linux on the Desktop

## ***Course Syllabus (cont.)***

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Week 15 Apr. 22-29	Macintosh OS X
Week 16 May 2-6	Final Exam