ISM 606 – Open Source Operating Systems – Section 01

Course Syllabus for Fall, 2005

Instructor: John Bowers, Lecturer
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Office Hours: 3-5 pm, Wednesdays
(or by appointment)

Required Textbook and Supplies:

(Available at the UNCG Bookstore)

E-mail: Each student has been assigned an email account. Your UNCG email account will be the preferred method for communicating during non-classroom hours.

Course Description:

Study of the open source software concept, including Linux and widely used open source software applications. Students will gain experience with the installation, administration, and use of open source software.

Course Objectives:

In today's highly competitive market, every organization is searching for ways to improve performance and/or reduce costs. Open source software has matured to the point where it offers a viable alternative to commercial software. The objective of this course is to provide the student with a basic understanding of the open source software model and the ramifications of its use within the enterprise, as well as provide practical experience in the installation and administration of some of the more commonly used packages.

Instructional Methodology:

Lectures, class demonstrations and assignments.

Performance Evaluation and Grading:

Grades in the course will be based on tests, assignments, a research paper, and a group project. The course grade will be calculated using the following weights:
Assignments 30%
Research Paper 20%
Final Exam 50%
Total: 100%

Final letter grades will be assigned using the following scale:

- 93-100    A
- 90-92     A-
- 87-89     B+
- 83-86     B
- 80-82     B-
- 77-79     C+
- 73-76     C
- 70-72     C-
- Below 70   F

Tests:

Written Tests: If for any reason, the student must miss a test, the student must notify the instructor in advance and reschedule the test in advance of its scheduled date.

Posting Grades: The ISOM Department does not post grades nor give them over the phone. Please leave a self-addressed envelope if you want an early report of your grades. You may also dial 1-800-613-9503, enter your SS# and UNCG Pin number, and receive your final grades as soon as they are loaded into the computer.

Oral and Written Communication Content:

Information Systems is a dynamic environment with constant attention to detail. Active study and discussions enhance the classroom learning. Students are encouraged and expected to come to class prepared to ask questions. Effective written communication is stressed through the required assignments. Exams may include an essay component.

Ethical Perspectives:

Computing is a tool employed to manage information during decision-making. The importance of ethical decisions will be addressed in many of the topics covered by the concepts and electronic discussions portions of the course.

Global Perspectives:

Globalization is a primary objective of the Bryan Business School. Some assignments may include references to international issues; however, the discussion of globalization is beyond the scope of this course.

Attendance Policy:

Each student is responsible for all the information and announcements that are made in class. Poor attendance causes poor performance. Because this is a course in the School of Business, students are
expected to conduct themselves professionally. A professional arrives for scheduled meetings prepared and on time. A professional does not sleep during a meeting.

Any student missing the first class without notifying the instructor will be administratively dropped from the course.

UNCG rarely closes for inclement weather. The radio and TV stations will have the closing notification by 6:30 am. You may also call 334-5000 for a message related to weather closings. These messages are updated hourly.

**Honor Code Policies:**

University students conduct themselves in accordance with the highest standards of academic integrity. Academic misconduct includes all forms of cheating, such illicit possession of examinations or examination materials, forgery, or plagiarism. Students will not make, borrow, or "share" copies of their assignments with other students. Plagiarism is presenting as one’s own work, that work which is, in whole or in part, the work of another person or persons without giving proper credit to the appropriate source. This includes submitting work done by another, as one's own work. Helping one another is allowed, but copying, even electronically, is cheating. This practice is against the UNCG Honor Code and defeats the purpose of this course.

**Schedule:**

The following is a tentative schedule of topics to be discussed:

<table>
<thead>
<tr>
<th>Date</th>
<th>Topics</th>
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<tbody>
<tr>
<td>17-Aug</td>
<td>Open Source concept/Linux background</td>
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<tr>
<td>24-Aug</td>
<td>Linux planning/installation/configuration</td>
</tr>
<tr>
<td>31-Aug</td>
<td>Linux system fundamentals</td>
</tr>
<tr>
<td>7-Sep</td>
<td>Graphical environments and client/server</td>
</tr>
<tr>
<td>14-Sep</td>
<td>Utilities/System Administration tools</td>
</tr>
<tr>
<td>21-Sep</td>
<td>Linux in the Enterprise</td>
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<tr>
<td>28-Sep</td>
<td>Open Office</td>
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<td>Papers Due</td>
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<td>5-Oct</td>
<td>Final Exam</td>
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