IST346 - OPERATING SYSTEM ADMINISTRATION

1. COURSE DETAILS

COURSE (SECTION):	IST346 (M001)	**TERM:**	Spring 2013
INSTRUCTOR:	Ryan Elstad	**PHONE:**	315-407-1477
OFFICE:	250 Machinery Hall	**EMAIL:**	relstad@syr.edu
OFFICE HOURS:	By Appointment Only	**COURSE SITE:**	http://blackboard.syr.edu
MEETING TIME:	T/Th 12:30pm-1:50pm	**LOCATION:**	Class: Hinds 018 / LAB: Hinds 010

COURSE DESCRIPTION

This course introduces the student to computer hardware and operating systems; client/server OS operations and administration for secure computing; business applications, and analysis of alternative systems hardware and OS platforms.

OVERVIEW

We will discuss the strategic role that technology plays in today's competitive business environment. We will emphasize the role that IT plays in improving business processes by helping organizations cut costs and become more competitive.

The purpose of this course is to survey a number of technologies, and assess the implications of implementing them to solve business problems in an enterprise environment. The main emphasis will be on operating systems but we will also spend time talking about Security, Networking, and Business Processes.

REQUIRED COURSE MATERIALS

- **Text:**

  The Practice of System and Network Administration: 2nd Edition,
  Limoncelli, Hogan, Chalup. ISBN (13): 978-0-321-49266-1, ISBN (10) 0-321-49266-8
  this book is available online and in the SU bookstore.
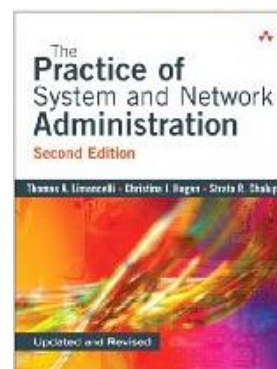
2. Methods of Evaluation

This table outlines each method by which you will be evaluated in this class.

Assessment	Qty	Notes / Due Dates	Pts Each	Pts Total
Lecture/Participation	10	Class attendance and participation in lecture topics discussion on Blackboard	4	40
Quizzes (Q01 – Q10)	11	Q01-Q10, due Fridays each week, covering the week's topics. Must be completed by 11:30 pm on Friday.	10	110
Labs (L01– L10)	11	Practical labs, these are to be worked on during Lab class time on Thursdays. Lab Deliverables assigned to be completed by the following Tuesday @ 11:30 pm.	10	110
Exams (EX1, EX2)	2	In-class exams	50	100
Lab Practical (LP1, LP2)	2	Lab Practical exams	65	130
Project (P01-P03)	3	Project deliverables, to be submitted by 11:30 pm on dates assigned.	20	60
			TOTAL	**550**

Grade Expectations

Your grade in this class is based on the quality and accuracy of your submitted work. At any given point in time in this class, your grade can be calculated as the ratio of points you've earned to points issued, based on the following scale:

Grade	Expectation of that grade
A: [.93, 1.00] A-: [.90, .93)	Your work is outstanding and exceeds expectations.
B+: [.87, .90) B: [.83,.87) B-: [.80, .83)	Your work meets expectations; on par with the average student.
C+: [.77, .80) C: [.73,.77) C-: [.70, .73)	Your work is adequate but could be better.
D: [.60, .70)	Your work is inadequate and needs substantial improvement.
F: [0, .60)	Your work is deficient.

When it comes to your final grade in the course, the grade you've earned is the grade you get: For example an 86.9% is a B, not a B+ I will not curve final grades or round up (or down) your final grades, so don't ask.

3. Course Specific Policies

- **Participation:** You are expected to participate in every class. If you fail to contribute to class discussion, use computers for non-class work during class time, or show tardy (up after attendance is taken) you will be marked absent. There will be discussion topics on blackboard that you are expected to participate in as well.
- **Attendance:** Attendance will be taken randomly throughout the semester. If you arrive to class after attendance is taken, then you are absent. There are no excused absences unless documented by the

university. If you have 4 or more absences, your final grade will be dropped one level down the grade scale. (B+ becomes a B, for example)

- **Blackboard:** Weekly course content will be posted to Blackboard .This includes textbook readings, additional readings, multimedia (video clips, podcasts), class notes, slides, and labs.
- **Readings and Class Materials:** All assigned readings (textbook chapters and online supplemental materials) should be completed *prior* to the class day where they are posted. You should come to class prepared – ready to ask questions and comment on class materials.
- **Submission of work:** All work must be submitted as per the instructions to be eligible for credit.
- **Due Dates:** All due dates for quizzes, labs, exams and the project are clearly posted on the course outline. All dates are firm so please plan accordingly. No make-ups are allowed. Any deliverable due outside of class can be handed in anytime on the day it's due.
- **Quizzes**: Quizzes will be made available on Blackboard on Tuesday evenings, once lectures for the week are completed. They are simple timed, assessments designed to make sure you're keeping pace with your studies. A total of 11 quizzes will be assigned throughout the semester; there are no makeups for quizzes.
- **Labs:** Lab dates are posted on the course schedule of the course outline. On days marked LAB we will be in the lab and not our classroom. Not every Lab has a lab deliverable but all will be gradable, so showing up and completing your work for all of them is essential to a keeping your grade up in the course.
- **Exams / Lab Exams:** There are 2 exams and 2 lab exams in the course. Dates are firm and posted on the course outline. These are in-class exams and no make-ups are allowed.
- **Project:** Your project is a small group exercise, separated into 3 deliverables. The project specifics will be posted in a separate document in Blackboard. The due dates are posted on the course outline.
- **Late Work**: Late work will not be accepted. No exceptions. If it is not on time, it does not count.
- **Group Work**: All work is individual effort unless specified otherwise.

4. UNIVERSITY AND SCHOOL POLICIES

ACADEMIC INTEGRITY

The academic community of Syracuse University and of the School of Information Studies requires the highest standards of professional ethics and personal integrity from all members of the community. Violations of these standards are violations of a mutual obligation characterized by trust, honesty, and personal honor. As a community, we commit ourselves to standards of academic conduct, impose sanctions against those who violate these standards, and keep appropriate records of violations. The academic integrity statement can be found at: http://supolicies.syr.edu/ethics/acad_integrity.htm

STUDENTS WITH DISABILITIES

If you believe that you need accommodations for a disability, please contact the Office of Disability Services (ODS), http://disabilityservices.syr.edu, located in Room 309 of 804 University Avenue, or call (315) 443-4498 for an appointment to discuss your needs and the process for requesting accommodations. ODS is responsible for coordinating disability-related accommodations and will issue students with documented disabilities Accommodation Authorization Letters, as appropriate. Since accommodations may require early planning and generally are not provided retroactively, please contact ODS as soon as possible.

OWNERSHIP OF STUDENT WORK

In compliance with the Federal Family Educational Rights and Privacy Act, works in all media produced by students as part of their course participation at Syracuse University may be used for educational purposes, provided that the course syllabus makes clear that such use may occur. It is understood that registration for and continued enrollment in a course where such use of student works is announced constitutes permission by the student. After such a course has been completed, any further use of student works will meet one of the following conditions: (1) the work will be rendered anonymous through the removal of all personal identification of the work's creator/originator(s); or (2) the creator/originator(s)' written permission will be secured. As generally accepted practice, honors theses, graduate theses, graduate research projects, dissertations, or other exit projects submitted in partial fulfillment of degree requirements are placed in the library, University Archives, or academic departments for public reference.

ATTENDANCE POLICY

Regular class attendance is obligatory. An instructor may recommend that a student be dropped from a course for poor achievement due to excessive absence. A student who is dropped after the deadline for dropping courses may be assigned a grade of F.

Students who have two unexcused absences during the first two class meetings of the semester may be dropped from the course at the discretion of the instructor. The instructor or the department offering the course will notify the Registrar of this action. However, students should not assume that they have been dropped from a class just because the first two classes were missed. It is ultimately the responsibility of the student to drop a course that they are not planning to attend by the deadline published in the College calendar. For more information about the Syracuse University Attendance Policy, please see the following web site:
http://www.syr.edu/policies/rules_regs.html

ADD/DROP PROCESS AND COURSE WITHDRAWAL POLICY

It is the responsibility of the students to be fully informed of the college catalog policies regarding course add, drop and withdrawal policies. For more information about the Syracuse University Add/drop Process and Course Withdrawal Policy, please see the following web site: http://sumweb.syr.edu/registrar/regintro.htm

5. COURSE CALENDAR

The course outline is available on our course learning management system and lists all reading assignments, lecture topics, labs, and due dates for assignments and exams.   Any additional reading and class materials can also be accessed from inside our course learning management system. **You should plan on reading the materials associated with the topic prior to the date posted on the syllabus.**   All dates are firm, so please use this schedule to plan accordingly.