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IT 640-102: Enterprise and Network Services Administration

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IT 640 – Enterprise and Network Services Administration

Syllabus

Instructor: Stan J. Senesy (senesy@njit.edu)

Office: NJIT Newark, GITC rm. 3803. (973)596-5288

Office hours: Posted on Moodle

Website: <http://moodle.njit.edu>

Required Text: Panek, MCSA Windows Server 2012 R2 Complete Study Guide: Exams 70-410, 70-411, 70-412, and 70-417 / Edition 2, 2015 ISBN: 978-1-11885991-9

Schedule: Thursday, 6:00 – 9:05 pm, CKB 303

Course Description

This course provides an introduction to the basics of web and domain oriented services. It introduces how web- based and domain services operate, integrate and communicate. Topics covered include: the fundamental technologies that underpin the web service paradigm and the key standards necessary for their development, as well as other critical domain oriented services. The student will gain the skills necessary to plan, install, configure, secure and maintain resources such as web servers, the Domain Naming System (DNS), email & print servers, resource sharing systems, as well as domain authentication systems.

Course Modality (Please Read This Carefully!)

Section 104 is a traditional Face-to-Face course. Students registered in this section are expected to attend classes at their regularly scheduled time and location. **There are NO OTHER modality options for students registered in this section. You may not participate in this course through WebEx or podcasts and will not have access to these resources.** Attendance will be reported weekly to the Office of Provost and will affect your standing at NJIT.

Prerequisites

Completion of bridge requirements (specifically IT 340 and IT 420)

Grading:

Homework/Quizzes/Posting	25%
Midterm	20%
Project	20%
Final Exam	35%

Grades will be computed on a straight scale out of 100 possible points: 90-100=A, 87-89=B+, 80-86=B, etc.

Course Computing Requirements

You must have access to, and administrative rights on, a computer that meets the NJIT minimum baseline computer system standards. You can find a listing of the minimum computing requirements at <http://ist.njit.edu/compreq/faq.php>

We will be using vCloud, a cloud based virtualization service, to run virtual instances of various operating systems. You will need to have Firefox installed in order to access this service. Other browsers are not currently supported. We will cover configuration of your home computer during the first week of class. Additionally, the campus VPN software will need to be installed to access vCloud from off-campus. You can find instructions on how to do this on the IST web site: <http://ist.njit.edu>.

Please note that students are responsible for the administration/maintenance of their own computer. This includes any software loaded onto it for this course. While I will provide help with problems when I have time available, responsibility for resolving problems remains with the student.

Course Notes

I tend to use PowerPoint slides for the main points in my presentations, augmented with board-work when necessary. I'll post slides used for the course on Moodle at: <http://moodle.njit.edu>

Homework/Quizzes

I will generally assign homework weekly as lab type projects. Homework assignments should be posted on Moodle in the appropriate upload area. Homework will not be accepted through email or in-class.

Quizzes will be given at various times throughout the course. Quizzes will cover material presented in earlier lectures or assigned for reading and be given online through Moodle. You may take the quiz at any time during the week that it is active.

Project

There will be an individual semester project assigned during the course that will incorporate many of the course topics. Details on the project will be given once the course has begun.

Assessment

The midterm and final will constitute a significant portion of your overall grade. Exam times will be announced as they become available. Both exams will be in a closed book/notes format and will contain information from the text, as well as lectures. The final exam will be cumulative

No exams will be given online.

If you have schedule restrictions due to a religious observance, it is your responsibility to report to me within the first two class sessions which days you will be missing.

Collaboration

You are encouraged to work together with your classmates in order to help your high-level understanding of the material presented in the course. Any solutions to assignments/exams/projects presented for credit must be work created on your own. Plagiarism, cheating, or any other anti-intellectual behavior will be dealt with as per the NJIT Code of Academic Integrity. You can find a copy of the Code here:

<https://www.njit.edu/policies/sites/policies/files/academic-integrity-code.pdf>

Academic Policies (Please Read This Carefully)

Late work will be marked down according the following scale. The timestamp in Moodle will determine how late your work was (no exceptions):

0 – 24 hours = (-10) points
24 - 48 hours = (-20) points
48 – 72 hours = (-30) points
72 – 96 hours = (-40) points
> 96 hours = no credit

If you 're-submit' homework, the later timestamp will be used to determine if it is late. Once I've graded your work, you cannot modify it and turn it in again.

If you have an emergency (hospitalization, military service, or anything defined as an emergency by the University) please contact the office of the Dean of Students. I will not accept your doctor's note, etc. They will validate it and get back to me at which point I will remove the late penalty from your work. Grades will not be posted until after the 96 hour period has expired.

I do not offer 'extra credit' assignments. Every student has an equal opportunity to earn the grade they'd like in the course. The overall point spread is broad enough that doing poorly on a single assignment or quiz should not significantly affect your grade.

I do not curve individual assignments. If, at the end of the course I determine that a curve is justified, then I will curve ALL final grades (either positively or negatively) equally. Grading scales are applied consistently across the entire class - no exceptions.