IST 261 Introduction to Linux
Course Syllabus – Spring 2014[1]   (R 4:00 pm–6:20 pm PH 200)

Instructor:	Dr. SeungJin Lim	**Office:**	Prichard Hall 217
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Office hours:	12:30 – 3:30 pm TR by appointment.		

Course Description: Introduces the Linux family of operating systems. The Linux environment, basic commands, file system, processes, utilities, system structures and scripting are explored.

This course is not for Linux system programming, nor Linux system administration.

Required Text, Additional Reading, and Other Materials: There is no required text-book in this course. The following book can be used as a reference:

- LINUX: The Textbook, Sarwar, Koretsky and Sarwar, 2002. ISBN: 0-201-72595-9.

Recommended Materials: Linux distributions such as Ubuntu.

Course Student Learning Outcomes and Assessment Measures:

Course student learning outcomes: Students will	How practiced in this course	How assessed in this course
Use basic Linux commands and utilities from the command-line	discussion, hands-on, in-class presentation	6 to 8 assignments, 3 exams
Organize files in the Linux file system	discussion, hands-on, in-class presentation	3 to 4 assignments, 2 exams
Create and edit files in the Linux file system	discussion, hands-on, in-class presentation	1 to 2 assignments, 1 exam
Manage processes in the Linux file system	discussion, hands-on, in-class presentation	1 to 2 assignments, 1 exam
Install applications in the Linux environment	discussion, hands-on, in-class presentation	1 to 2 assignments, 1 exam
Be able to write basic Linux shell scripts	discussion, hands-on, in-class presentation	1 to 2 assignments, 1 exam

Course Requirements and Grading:

Attendance	5% deduction from the overall grade for each absence beyond the third absence
Assignments	50% of the overall from 6 to 8 assignments, equally weighted
Exams	50% of the overall from 3 exams, equally weighted

Grades from assignments and exams are posted to Blackboard. Final letter grades are determined based on the following grading scale:

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[1]Last modified: Tuesday 7th January, 2014 10:52

$$\begin{array}{ccccc} [0,60) & [60,70) & [70,80) & [80,90) & [90,\infty) \\ F & D & C & B & A \end{array}$$

Late assignments will be penalized at the rate of 10% per day, up to two days (including weekends and holidays) after the due date.

There will be no make-up chances for missed exams and assignments unless a proper action has been taken for an Excused Absence[2]. It is the student's responsibility to make up the missing exam within a week.

The instructor reserves the right to change these values depending on the overall class performance and/or extenuating circumstances.

Attendance Policy: Attendance and participation are required in class. For each absence beyond the third absence, 5% will be deducted from the student's overall grade. If a student is absent, it is his or her responsibility to find out what he or she missed, e.g. announcements, assignments, etc. The instructor will assume no responsibility in this regard.

Class preparation: Preparation is necessary for learning. For this class, preparation includes attending class regularly, coming on time, remaining focused until class is dismissed, asking timely questions, trying problems at your seats when directed to do so, answering questions when called upon, completing homework questions, and reading appropriate material before coming to class. It is a fair assumption that all the suggested readings will be covered by exams.

Course Outline: (subject to changes)

Week of		Topics to be covered	Assignments due
1	1/13	Syllabus; Overview	
2	1/20	Using the command-line	HW 1
3	1/27	Editing text files	
4	2/3	Linux filesystem	HW 2
5	2/10	*Exam (2/13)*	
6	2/17	File security	HW 3
7	2/24	File processing	
8	3/3	File sharing	HW 4
9	3/10	Processes; *Exam (3/13)*	
10	3/17	*Spring break*	
11	3/24	Software installation; Internetworking	
12	3/31	Linux Scripting using bash	HW 5
13	4/7	Linux Shell scripting	
14	4/14	Linux Shell scripting	HW 6
15	4/21	*Exam (4/24)*	
16	4/28	Linux GUI	HW 7

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[2]Defined in the Undergraduate Catalog.

Contact: Students are encouraged to visit with me. Most problems can be resolved more efficiently and effectively by personal visit. In particular, it may not be the best way to send an e-mail on the due day of an assignment asking a help for the assignment.

Should e-mails are preferred, students should use the e-mail address of the instructor at the beginning of this syllabus. Only the e-mails sent to this account will be responded.

The subject line of any e-mails sent to the instructor should start with "[IST261]". Otherwise, the e-mails may not be responded properly in a timely manner. Emails sent after hours or weekend will be replied the next school day.

University policies: By enrolling in this course, you agree to the University Policies listed below. Please read the full text of each policy be going to http://www.marshall.edu/academic-affairs and clicking on "Marshall University Policies." Or, you can access the policies directly by going to http://www.marshall.edu/academic-affairs/?page_id=802.

Academic Dishonesty/ Excused Absence Policy for Undergraduates/ Computing Services Acceptable Use/ Inclement Weather/ Dead Week/ Students with Disabilities/ Academic Forgiveness/ Academic Probation and Suspension/ Academic Rights and Responsibilities of Students/ Affirmative Action/ Sexual Harassment