

ESE 112 – Spring 2008 Syllabus

Tentative Schedule

Week	Starting	Lab	Programming Lecture
1	1/14	No class this week	Intro to Computer Programming with Java
2	1/21	Intro & Edubot Walk	<ul style="list-style-type: none"> ▪ Fundamentals I ▪ Basic Java Program Structure
3	1/28	Intro Electrical Systems (Mice)	<ul style="list-style-type: none"> ▪ Static Methods ▪ Scope
4	2/4	Sensor Lab	<ul style="list-style-type: none"> ▪ Fundamentals II
5	2/11	Sensor Lab	<ul style="list-style-type: none"> ▪ Style Rules and Debugging ▪ Exam 1 (time & day TBA)
6	2/18	Linux Intro	<ul style="list-style-type: none"> ▪ Introduction to OOP
7	2/25	Linux Intro	<ul style="list-style-type: none"> ▪ Introduction to OOP ▪ Javadoc/API
8	3/3		<ul style="list-style-type: none"> ▪ References & Has a relationship
9	3/10	SPRING BREAK	
10	3/17	Hello Edubot	<ul style="list-style-type: none"> ▪ Static vs. Dynamic ▪ Exam 2 review (time & day TBA)
11	3/24	Dance Lab	<ul style="list-style-type: none"> ▪ User Input
12	3/31	Dance Lab	<ul style="list-style-type: none"> ▪ User Input
13	4/7	Dance Lab	<ul style="list-style-type: none"> ▪ Introduction to Arrays
14	4/14	Optimization Lab	<ul style="list-style-type: none"> ▪ Arrays contd..
15	4/21	Optimization Lab	<ul style="list-style-type: none"> ▪ Inheritance
16	4/28	Wrap Up	<ul style="list-style-type: none"> ▪ Exam 3 Review (Exam at final exam period)

General

The course is divided into two components:

- Engineering Lab with theory (0.5 cu)
- Computer Programming Recitation (0.5 cu)

You will receive a individual grade for both components.

Engineering Lab with Theory

There will be one exam during the exam period in the finals week. Grading for this component is as follows:

Lab Write-up: 60%

Pre Labs- 20-%

Quizzes – 20%

Computer Programming Recitation

There will be three 1-hour in class exams during the dates specified in the schedule. The grading for this component is as follows:

Exams: 55%

Homeworks & In-class Assignments: 45%

Final Letter Grade Assignment

Grades will be applied on the basis of your numerical score (combined from engineering lab and programming recitation) as follows:

Score	Grades
0 – 59	F
≥ 60	D-
≥ 64	D
≥ 67	D+
≥ 70	C-
≥ 74	C
≥ 77	C+
≥ 80	B-
≥ 84	B
≥ 87	B+
≥ 90	A-
≥ 94	A
≥ 97	A+

If your score falls within the numerical range you are guaranteed to receive, at worst, the grade indicated, but that we may increase the grade after looking at the grade distribution/breakpoints. We also reserve the right to lower these score ranges (raising the overall class grade point performance) if the overall class performance warrants it.