Indiana University Southeast

Course Syllabus

CSCI 311 – Programming Languages

Spring 2012

Class Meeting Days	Time	Location
Tuesday and Thursday	1:00 PM-2:50 PM	LF 243

Instructor: Dr. Suranga Hettiarachchi

Office Hours: Tuesday 4:30 to 6:30 PM,
Thursday 3:00 to 5:00 PM, at LF – 114 and by appointment.

Course Homepage: OnCourse

Contact: Email: suhettia@ius.edu(best way to get hold of me)
Phone: 812-941-2698

Textbook: Modern Programming Languages: a practical introduction – 2nd Edition by Adam Webber Publisher: Franklin, Beedle & Associates, Incorporated, Copyright 2011, ISBN-10: 1590282507 ISBN-13: 9781590282502

Objectives: See http://homepages.ius.edu/rwisman/C311/HTML/goals.htm

Attendance and Participation Policy:
The student is expected and advised to be present at every class meeting, study the material in the text in advance ***(absolutely important)***, bring questions to the class and is always responsible for all material discussed in the class meetings. Spending good period of time (on average about 6-8 hours) in the computer laboratory is very important; both attendance and participation will be a factor in the final grade.

Performance Evaluation:	Points
12 - Homework Assignments (HW)	300 (25 each)
02 - Semester Examinations	200 (100 each)
01 - Comprehensive Final Examination	100

Grading Policy:
The attendance, participation in class and lab, interest, persistence to overcome difficulties will be considered along with the performance evaluation to attribute a final latter grade to the student. Following letter grade (in terms of %) criteria: i.e., >97 A+, *>93 A; >90 A-; >87 B+;>83 B; >80 B-; >75 C+; >70 C; >68 C-; >=60 D; and <60 is F* will be the basis in attributing the final letter grade. **Missing more than three class periods will drop your final grade by one letter grade.**

Assignment and Test Policy:
Cooperative efforts are not admitted in the Tests and homework assignments. The students are encouraged to discuss among themselves any course materials and ask questions at any time in or out of class. Do your own work. Copying answers from others is cheating, and you will receive an 'F' grade immediately if you get caught.

The quality of your work is absolutely important, and you are required to pay close attention to improving quality of all your work (be observant and follow the examples). If I can't read your answers clearly, you will not receive credit. This is a 3XX class, and I expect you to be independent in most of your work but I am available to help you on all your assignments. I may consider extensions to due dates only if you have a

valid written medical excuse. There is no make up tests or assignments given. You may discuss the problems with other students but you must write your own answers. The exam 1 and the final exam are in class, closed material exams, but the exam 2 is a take home exam.

There are no make up exams and assignments. *I do not post answers to homeworks, if your answers are wrong, it is your responsibility to work through the problems again with my help until you get it correct.*

You may discuss the problems with other students but you must write your own answers. All exams are in class, closed resources. **All assignments have firm deadlines; I will not accept late submissions without a valid written medical excuse.** ***All work should be turned in at the due date*****. Instructions for turning in homework will be provided with the assignment.**

Tentative course outline and schedule

Meeting Week	Material Covered	Activity
Weeks	Selected topics from	
1 – Jan 10, 12	Introduction/ First Look at ML	Ch1/Ch 5, HW 1,
2 – Jan 17, 19	Second Look at ML- Programming Patterns	Ch 7, HW 2
3 – Jan 24, 26	Types	Ch 6, HW 3
4 – Jan 31, Feb 02	Third Look at ML – Functions	Ch 9, HW 4
5 – Feb 07, 09	Polymorphism/Fourth Look at ML	Ch 8/Ch 11, HW 5
6 – Feb 14, 16	Fourth Look at ML / Exam 1 (16th) covers Ch 1,5-9,11	Exam 1
7 – Feb 21, 23	Program Syntax	Ch 2, HW 6
8 – Feb 28, Mar 01	Semantics/Formal Semantics	Ch 3/Ch 23, HW 7
9 – Mar 06, 08	Formal Semantics/Language Systems	Ch 23/Ch 4, HW 8
10 – Mar 13, 15	Language Systems/Activation Records	Ch 4/ Ch 12, HW 9
11 – Mar 20, 22	Activation Records / Exam 2 (on 22th) covers Ch 2-4,12, 23	Exam 2,
12 – Apr 03, 05	Look at Java / Object Orientation	Ch 13/Ch 15/Ch 16, HW 10
13 – Apr 10, 12	Look at Java / Object Orientation	Ch 13/Ch 15/Ch 16, HW 11
14 – Apr 17, 19	Dynamic scoping/ dynamic memory	Ch 10/ Ch 14, HW 12
15 – Apr 24, 26	Dynamic memory/ Final Exam (all chapters covered in class)	Final Exam

I reserve the right to change this schedule at any time.

All work and your conduct are subject to the Indiana University Code of Student Ethics. Cheating is dealt according to the ethics code.

Students with Disabilities: Please contact Office of Disability Services at University Center South, Room 207, 812-941-2243.

The Departments of CSCI and INFORMATICS have a shared Red Hat server at address csi-ada.ius.edu and it will be used for educational support. In addition, all faculty/student news and announcements will be posted there and it is reachable in your favorite browser. It can also be secure-telneted to for software development. Contact your faculty member about an account.

There is so much help available for you to be successful at IUS. If you don't take the initiative to seek help, nobody would know that you needed help.