

August 27, 2007

Syllabus for Fall 2007

Instructor: Yashas Shankar

Office: TBA

Office hour: Tuesday, Thursday 11:00 AM – 12:30 PM

E-mail: shankar@cs.fsu.edu

Note: all e-mails must start with “COP3502:” in the subject line and the e-mail body must contain your full name.

Course Description: This course covers basic computer organization, computer languages and software, language translation and interpretation, object oriented design, object oriented programming, classes, objects, and inheritance, file systems and I/O.

Course Objective: The goal of this course is to provide students with a basic knowledge in computer science to help students ready to pursue higher-level computer science courses.

At the end of this semester students in this course are expected to:

- Have basic knowledge about computer hardware, e.g. CPU, memory, disk, I/O.
- Be able to work in UNIX environments, e.g. sending e-mails, editing text, compiling and running programs, UNIX file systems, etc.
- Be able to write basic programs with different programming language such as C, C++, and Java.
- Familiar with HTML, e.g. know how to create tables, form, etc.
- Be able to create WebPages using basic HTML.
- Know basic JavaScript.
- Have basic idea about object oriented programming, e.g. classes, objects, inheritance.
- Know the basic idea behind how ‘programs’ are translated to ‘machine code’.
- Know basic Assembly language.

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- Familiar with Ethics in computer science

Text books

The Analytical Engine, Rick Decker & Stuart Hirshfield, 2d Ed., PWS Publishing, 2004

Ethics for the Information Age, Michael J. Quinn, Pearson Addison Wesley, 2005

Grading policy

Scores	
Homework	50%
Quiz	10%
Class participation	5%
Midterm exam	15%
Final exam	20%

Grades				
90-100	80-89.99	70-79.99	60-69.99	Below 60
A or A-	B- or B or B+	C- or C or C+	D or D+	F

Academic honor code

Academic honor code will follow the honor code published by the university and will be seriously enforced.

Prerequisites

MAC1105 – college algebra, basic computer skills

Students must have FSU e-mail account and have to create CS e-mail account before the 3rd lectures of this class.