

Policies and Grading

CIT 595
Spring 2007

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Class Times

- Lecture
 - Days: Monday and Wednesday
 - Time: 1:30 – 3pm
 - Location: Towne 321
- Recitation
 - Days: Friday
 - Time: 11:00 - noon
 - Location: Towne 313

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Instructor & Teaching Assistant

- Diana Palsetia (palsetia@cis.upenn.edu)
 - location: Moore 174, phone: 215-898-0382
 - office hours: TBA
- Arthit Hongchintakul (arthith@seas.upenn.edu)
 - TBA

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Prerequisites

- CIT 593 or equivalent
 - Data representation (binary system, signed/unsigned integer arithmetic, IEEE floating point)
 - Von Neumann Model, ISA and knowledge of instruction formats, addressing modes, data types
 - Stack/Heap Memory
 - Concept of I/O
 - C language and any assembly language

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Important Websites

- Course Website: lecture notes, announcements, other useful links.
www.cis.upenn.edu/~palsetia/cit595s07
- Blackboard: assignments, drop box (programming assignments), gradebook, discussion group
<https://courseweb.library.upenn.edu/>

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Textbooks

Required Text (in bookstore & on library reserve)

The Essentials of Computer Organization and Architecture 2nd Edition
Author: Linda Null and Julia Lobur
ISBN: 0763737690



C Language (online)

A Concise Introduction to C + many more links under Programming/Technical

LC3 Assembly Language(online)

LC3 Simulator Manual
Using LC3 Simulator

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Resources

References (on library reserve)

- 1. Introduction to Computing Systems from bits & gates to C & beyond** (used in CIT 593)
Author: Yale N. Patt and Sanjay J. Patel
ISBN: 0072467509 (2nd Ed)
- 2. The C Programming language 2nd Edition** (Paperback)
Author: Brian W. Kernighan, Dennis Ritchie
- 3. Digital Design 3rd Edition** (more detailed explanation on digital design)
Author: Morris Mano
- 4. Computer Organization & Architecture** Designing for Performance
Author: William Stallings

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Grading

Two exams (45% of grade)

- Midterm (20%) & Final (25%)
- Exams are closed book and notes

Assignments (35% of grade)

- Practice problems & theory questions
- Programming (in C and/or Assembly)

Project (15 % of grade) – MORE ON THIS NEXT SLIDE

- Involves in-depth reading on a topic related computer architecture & organization
- There will be a project proposal, in class presentation and final report on the chosen topic

Quizzes (5 % of grade)

- This is to ensure you keep pace with the class
- Includes anything covered so far cover assigned readings not taught in class

Policy for receiving an A

- 90% or above is not necessarily an A as this depends on the class performance
- Score on blackboard are just raw scores, they will be scaled/curved in order to determine the final grade

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Project

- To allow you to do in-depth reading on a subject of interest to you
 - However, I hold the discretion to approve it, or suggest changes etc.
 - So first you will submit a proposal on what you intend to study
- To give you practice conducting research in the online library for recent publications and books
- To give you practice in making a *concise technical presentation to colleagues about why the topic is important or interesting*
- To give the class exposure to a variety of topics of interests and allow for topics that were not covered entirely in lecture

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Dates

- Midterm exam: 28th February (Wed in class time)
- Final exam: Will confirm later
- Assignments (regularly check website)
 - Programming/Homework: As they are posted
 - Quizzes will be announced a week in advanced

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Assignments

- if late, 10% per day for five days; then no credit
 - weekend days count as one late day
 - If you need an extension ask early don't wait till the last minute
- program grading is generally:
 - good documentation 20%
 - sound structure 20%
 - correct output or results 60%

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Programming Assignments

- C programs - edit, compile and run on eniac.seas.upenn.edu
- For Assembly we will use LC3 ISA and Simulator that runs LC3 instructions
- send an archive (.tar file) to BlackBoard's "Drop Box"
 - via <https://courseweb.library.upenn.edu/>

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Computing Facilities

- Handy website:
<http://www.seas.upenn.edu/cets/ss.html>
- Rooms & Schedule for computing facility
<http://www.seas.upenn.edu/cets/labsched.html>
- If working from home
 - use secureCRT from PennNet CD-ROM
 - PennNet CD-ROM is available in CETS Office (Moore 169)
 - you'll also need FileZilla for secure FTP
(<http://www.seas.upenn.edu/cets/answers/filezilla.html>)

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Honesty

- you may:
 - discuss the assignments with one another
 - help others debug their work
- you may *not*:
 - work together on programs for this course
 - copy another's code, or allow your code to be copied
 - lend your code to someone else, or allow them to copy it
 - use any code from a book or the web without my permission
- penalty for first offense:
 - you will be reported to the Office of Student Conduct
 - you will receive an F in the course
- if you may have accidentally broken a rule, talk to me immediately

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Questions?



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