

CIS 1057.002 Syllabus

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|---------------------------|--|-----------------------|-----|-----------------|----------------|-------------|-----|------|-----|
| Course: | CIS 1051.002 | | | | | | | | |
| Course Title: | Programming in C | | | | | | | | |
| Time: | WF 11:00 – 12:20 R 1:00 – 2:50 (LAB) | | | | | | | | |
| Place: | W TL 305A F TL 401A R CC 207 (LAB) | | | | | | | | |
| Instructor: | Paul Wolfgang | | | | | | | | |
| Instructor Office: | CC 1015B | | | | | | | | |
| Instructor Phone: | 215-204-5155 | | | | | | | | |
| Office Hours: | MWF 1:00 – 1:50 Feel free to drop in Try to verify that I will be in my office before making a length trip to see me. I sometimes have other commitments that take me away from my office, even during office hours. | | | | | | | | |
| Course Web Page: | www.cis.temple.edu/~wolfgang and Blackboard | | | | | | | | |
| Textbooks: | Koffman & Hanly <i>Problem Solving and Program Design in C</i> , 7 th ed. Kernigan & Ritchie <i>The C Programming Language</i> (recommended) | | | | | | | | |
| Course Description | Introduces students to computer and computer programming. Topics covered include the general characteristics of computers, techniques of problem solving, and algorithm specification, and the debugging and testing of computer programs in the C language. | | | | | | | | |
| Course Goals: | Upon completion of this course you should be able to: <ul style="list-style-type: none">● Describe the basic components of a computer and state how they interact.● Define the concept of a computer program:<ul style="list-style-type: none">● What it does● How it developed● Analyze problems and determine the appropriate algorithm for computing their solution.● Express the solution using the C programming language | | | | | | | | |
| Course Grading: | <table><tr><td>Quizzes (held weekly)</td><td>10%</td></tr><tr><td>Mid-term exams:</td><td>40% (20% each)</td></tr><tr><td>Final Exam:</td><td>30%</td></tr><tr><td>Labs</td><td>20%</td></tr></table> <p>Lab Grading: There will be weekly lab assignments, which will be due one week after they are assigned. These will be graded based on whether they meet all of the requirements. Late submissions will result in a lower grade. The lab assignments are designed to reinforce the classroom material and are a very important part of the learning experience.</p> | Quizzes (held weekly) | 10% | Mid-term exams: | 40% (20% each) | Final Exam: | 30% | Labs | 20% |
| Quizzes (held weekly) | 10% | | | | | | | | |
| Mid-term exams: | 40% (20% each) | | | | | | | | |
| Final Exam: | 30% | | | | | | | | |
| Labs | 20% | | | | | | | | |
| Exam Dates: | Weekly Quiz: Friday (10 minutes at the start of class) Midterm 1: September 27, 2013 Midterm 2: November 1, 2013 Final Exam: December 9, 2011 | | | | | | | | |
| Attendance Policy: | Regular attendance is strongly encouraged. There will be a weekly quiz on Fridays with very limited opportunity to make them up. | | | | | | | | |

Weekly Topic Schedule

| Week | Date (Wednesday) | Topic | Text Reference | Lab |
|------|---------------------|--|----------------|----------------|
| 1 | 8/28/13 | Introduction to the Course Introduction to Computers The main function and simple Input/Output | Ch 1 – 2 | Lab 1 |
| | 9/4/13 | Continuing discussion of Computers and Computation Arithmetic expressions | Ch 1-2 | Lab 2 |
| 2 | 9/11/13 | Top-Down Design with Functions | Ch 3 | Lab 3 |
| 3 | 9/18/13 | If and Switch statements | Ch 4 | Lab 4 |
| 4 | 9/25/13 | Mid-Term Exam 1 | | Lab Makeup |
| 5 | 10/2/13 | Loop Statements | Ch 5 | Lab 5 |
| 6 | 10/9/13 | Modular Programming | Ch 6 | Lab 6 |
| 7 | 10/16/13 | Arrays | Ch 7 | Lab 7 |
| 8 | 10/23/13 | Strings | Ch 8 | Lab 8 |
| 9 | 10/30/13 | Mid-Term Exam 2 | | Lab Makeup |
| 10 | 11/6/13 | Structured Data Types | Ch 10 | Lab 9 |
| 11 | 11/13/13 | Text and Binary File Processing | Ch 11 | Lab 10 |
| 12 | 11/20/13 | Programming in the Large | Ch 12 | Lab 11 |
| 13 | 11/27/13 | Open. (Class will only meet on Wed this week) | | Lab Makeup* |
| 14 | 12/4/13 | Review (Last Class) | | |
| | | Final Exam 12/5/11 5:45 – 7:45 | | |

* Lab will meet on Tuesday, 11/26 that week.

Other Important Information

Disability Disclosure

Any student who has a need for accommodation based on the impact of a disability should contact me privately to discuss the specific situation as soon as possible. Contact Disability Resources and Services at 215- 204-1280 in 100 Ritter Annex to coordinate reasonable accommodations for students with documented disabilities.

Academic Freedom

Freedom to teach and freedom to learn are inseparable facets of academic freedom. The University has a policy on Student and Faculty and Academic Rights and Responsibilities (Policy #03.70.02) which can be accessed through the following link:

http://policies.temple.edu/getdoc.asp?policy_no=03.70.02

Academic Honesty

Academic cheating (such as plagiarism, copying during an exam, copying homework, stealing files and passwords, etc.) is strictly prohibited in this course. The penalty for the first offense will normally be an F in the course. A subsequent offense (in this or any other course) may also be referred to the University Disciplinary Committee.

No collusion what-so-ever during an exam will be tolerated. In particular, no talking or other sharing of information (for example during open book exams) is permitted. Keep your eyes on YOUR paper.

IGNORANCE OF ACCEPTABLE GUIDELINES OF CONDUCT IS NO EXCUSE.

http://policies.temple.edu/getdoc.asp?policy_no=03.70.12

Dates to Remember

First Day of Class: August 26, 2011

Last Day to Drop: September 9, 2011

Last Day to Withdraw: October 22, 2011

NOTE: You can only withdraw from a course once, and repeat a course at most twice.