

CSCI 101, Problem Solving with Computer Science – Fall 2006 – Class Outline
Dr. Nazli Mollah, Millersville University, Computer Science Department
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Course:	CSCI 101 – Problem Solving with Computer Science
Credits:	4
Class Meets:	Monday & Wednesday: 9:00 – 9:50 PM Roddy 261 Thursday: 8:00 – 9:50 AM; 10:00 –11:50 AM; 12:00 – 12:50 PM Ganser 36
Prerequisites:	Fabulous Attitude
Professor Information:	Dr. Nazli Mollah Office: Roddy 138, Tel: 717 - 872 – 3666 E-mail: Nazli.Mollah@Millersville.edu
Office Hours	Monday: 10:00 – 12:00 PM Tuesday: 2:00 – 3:00 PM Wednesday: 10:00 – 12:00 PM
Course Description:	Designed to introduce concepts, techniques and history of computing to students who are not computer science majors. Emphasis on problem solving using the computer including making calculations and presenting reports, tables and graphs based on those calculations. Collecting, storing, updating and retrieving data. Display and interpretation of information using the Internet. No credit toward computer science major.
Course Objectives	On completion of this course, the student should: - describe the major parts of a computer and their purpose - demonstrate proficiency with word processing and presentation software - solve numeric problems with a spreadsheet - build a database of information constructed of data with relationships - build a simple web page - write a simple program
Grading:	Exam 1: 20% Exam 2: 20% Exam 3: 20% Assignments/ Projects/ Labs: 40 % Final Letter Grades based on the following weighted scale 93 – 100: A 90-92.9: A- 86 – 89.9: B+ 82 – 85.9 B 79 – 81.9: B- 76 – 78.9: C+ 73 – 75.9: C 70 – 72.9 C- 66 – 68.9: D+ 63 -65.9: D 60 – 62.9 D- <59.9: Fail
Exams:	Please note that the Exams will be held on the assigned dates – and barring an acceptable emergency, there are no make-up exams
Assignments/ Labs/ Projects:	- We will use the Ganser PC Lab (Ganser 36), which has 28 Gateway PC's which run the Windows XP operating system. See Ganser Lab for more details. - Be sure to read the lab manual <u>before</u> attending lab. Strive for an understanding of the concepts, rather than blindly following directions. Always bring your lab manual with you. - Attendance will be taken during lectures and labs. Attendance correlates positively with final grade. - Assignments/Projects: Electronic files will be submitted using the Blackboard system. All submitted work must be your own.
Late Work:	What late work? No such thing – all work must be handed in on the assigned date or they will not be graded – barring acceptable emergencies.
Policy and Decorum:	Academic Dishonesty: of any form whatsoever will not be tolerated. For further details on this and information on how to protect yourself, and related actions, please visit: http://muweb.millersville.edu/%7Egovern/sect3/sect3toc.html Respect your class members

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Class Moto:	I LOVE THIS CLASS!!
Tentative Course Outline	▪ Introduction: Computer, Internet, Web, and E-mail Basics (Ch. 1); Windows XP and MS Word ▪ Microprocessors, Data, and Storage (Ch. 2); Excel ▪ Software (Ch. 3); Excel ▪ File and System Management (Ch. 4); Excel ▪ Networks (Ch. 5); PowerPoint ▪ World Wide Web (Ch. 6); Web Pages and HTML ▪ Digital Media (Ch. 7); Web Pages and HTML ▪ Databases and SQL (Ch. 10); Access ▪ Computer History (Ch. 8); Access ▪ System Design (Ch. 9); Access ▪ Programming (Ch. 11); JavaScript ▪ Beyond Desktop Computing (Ch. 12); Project Other topics may be covered briefly or as necessary. Readings will be frequently assigned. Most of the material on exams will come from the lectures and assignments.
Text:	<u>Text:</u> New Perspectives on Computer Concepts Comprehensive, 8th Edition June Parsons and Dan Oja <u>Lab Manual:</u> New Perspectives on Microsoft Office 2003 First Course, 2nd Edition Shaffer, Ruffolo et al.
Class Blog:	http://csci101.blogspot.com/index.html
Related Readings:	Will be posted on the blog
Note:	This outline is subject to change at Professor's discretion