Math 102 Spring 2006

Syllabus
Assignments
Classwork

Instructor:	Amy Turlington
Meeting Times & Locations:	TTh 9:30-10:45 MSB 407 Section 06 TTh 8:00-9:15 MSB 315 Section 10
Contact Information:	E-mail: turlington [at] math.uconn.edu Office: MSB 201 Phone: 486-9090
Office Hours:	M 12:30-1:30 PM, T 12:30-1:30 PM, Th 11:00-12:00 PM, or by appointment
Textbook:	PProblem SSSolving by DeFranco and Vinsonhaler.
Attendance:	You are expected to come to class. Since you will be working in groups throughout the semester, your attendance is extremely important. An attendance sheet will be passed out at the beginning of each class. If you need to leave early for any reason (unless it is an emergency), please let me know before the start of class.
Exams:	There will be two in-class exams this semester, on the following dates: February 16 and April 6.
Homework:	Homework will be assigned and collected each week. You should write up your solutions neatly, using complete sentences. Typing your assignment is preferred but not required. You should focus not just

on getting the correct answer, but HOW you got the answer. Any answer without an explanation will not receive credit. You may work with other students in the class, but submit individual write-ups. Send me an e-mail or see me during office hours if you need help on any assignment.
NO late assignments will be collected.

Group Projects: You will be assigned projects during the semester to be worked on in groups. One write-up will be submitted per group. (Refer to page 89 in the textbook for a checklist of questions to answer in your write-ups.) The projects will be graded on accuracy, creativity, and presentation. Additional time outside of class with your group may be needed to complete the projects. Groups may be asked to present their projects to the class.

Grading Policy: Your grade will be calculated as follows:

Two In-Class Exams	20%
Homework / Classwork	50%
Group Projects	15%
Final Exam	15%

Extra Credit: Occasionally extra credit will be offered. These opportunities will be announced in class.

Tutoring: Free tutoring is available at the Q-Center. Check their web site, http://www.qcenter.uconn.edu, for more information (such as location and times).

Assignments

Automathography Read Chapter 1	Due Thursday, January 19
Extra Credit: Sudoku Read Chapters 2-3	Due Tuesday, January 24
Heap of Beans Letter	Due Thursday, January 26
Read Chapter 4	Due Tuesday, January 31
"Symmetry" (p 130)	Due Thursday, February 2
"Prom Problem" (p 30)	Due Thursday, February 9
Read Chapter 5	Due Thursday, February 9
Bring in 10 coins (e.g. 5 pennies, 5 nickels) to Thursday's class	Due Thursday, February 9
"Parking Lot"	Due Thursday, February 16
Practice Exam I	(Optional, but recommended)

Classwork

1/17	Sudoku Solution
1/19	"Heap of Beans" (p 15)
1/24	"Changing 50 Cents" (p 20)

E-mail Math

1/26	Estimation "Body Cells" (p 104) "Milk and Coffee" (p 119)
1/31	"The Green's Party" (p 29) "Tethered Goat" (p 36) "Scheduling Speakers" (p 33)
2/02	"Bus Trip" (p 38) "Acrobats" (p 39)
2/07	"Largest Lake" (p 117) "Fox and Goose"
2/09	"Changing Places" "Telescoping Sums" Handout on Sums

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Chapter 2
Exercises

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2.13 Exercises

2.13.1 Key Terms

statutory annual statement	successive equation
balance sheet	income statement
summary of operations	capital and surplus account
cash flow statement	analysis of operations by line of business
analysis of increase in reserves during the year	Exhibit I
deferred premium	advance premium
Exhibit 5	Exhibit 8
Exhibit of Life Insurance	Exhibit of Annuities

2.13.2 Questions

a. What are the primary financial statements?

b. What are the primary actuarial schedules and exhibits?

c. What is the successive equation for the following financial statements:

(1) Capital and Surplus Account
(2) Cash Flow Statement
(3) Analysis of Increase in Reserves During the Year
(4) Exhibit of Life Insurance
(5) Exhibit of Number of Policies, Contracts, Certificates, Income Payable and Account Values In Force for Supplementary Contracts, Annuities, Accident & Health and Other Policies

d. The summary of operations is equivalent to what statement under generally accepted accounting principles?