

Prey

MATHEMATICS 102
INTRODUCTORY ALGEBRA
T/TH 19:05 - 21:10 - Navy Campus
April 6 - June 15, 1998

Instructor: L. Karen Deutsch, B.A, M.S.- Mathematics

Phone: 808.677.5166

Office hours: Thursday, after class or by appointment.

Text: Beginning Algebra (fourth edition) by R. David Gustafson & Peter D. Frisk, Brooks/Cole publishing

Course Description: Real numbers and their basic properties, polynomials, factoring, rational expressions, simple radicals (square roots and cube roots), linear equations and inequalities, lines in the plane, systems of linear equations and applications of equations (word problems).

Biography: L. Karen Deutsch was born and raised in Los Angeles, California. She obtained her Bachelor of Arts degree with a major in Mathematics from the University of California at Los Angeles and a Master of Science in Mathematics from California State University, Northridge. She began her professional career as an Actuarial Trainee working for Transamerica Insurance Company. She was subsequently employed by Mattel Electronics and then Rockwell International as a Computer Programmer-Math Analyst prior to beginning her teaching career. Karen has been enjoying teaching as an adjunct instructor since 1989 for schools in Southern California and Hawaii. Additionally she has been actively participating in her private tutoring business. Some of her many outside hobbies and interests include doing aerobic exercise, knitting, sewing and hand-crafting.

AVAILABILITY: (808) 677-5166

E-mail: kdeutsch@hcc.hawaii.edu

The instructor can be reached between 9:00 a.m. and 9:00 p.m.

Please do not hesitate to call if you have any questions, problems or suggestions.

Grades: Grades are weighted based on the following percentages:

Quizzes: (40%)

Exams: 30% per exam (total of 60% for all 2 exams)

Grades are computed on the following scale

90 - 100% = A; 80 - 89% = B; 70 - 79% = C; 60 - 69% = D; Below 60% = F

It is emphasized that class attendance and participation is expected and an inherent component for success.

Make-up policy: There are 2 exams and several quizzes. If you cannot make an exam for a documentable and verifiable reason, the instructor must be notified in advance or at the latest, the day of the exam. It is the responsibility of the student to make this contact so that alternate arrangements can be made. Make-up exams must be taken **prior** to the class session following the scheduled exam. Failure to do this will result in a zero on the exam. If you need to take the final exam earlier than scheduled due to extreme circumstances beyond your control, the instructor must be notified a minimum of 8 days prior to the final so that other arrangements can be made for the examination process. No make-up final exams will be given after the last official day of class.

How to succeed:

.The class will be conducted as a dynamic learning environment whose value depends on your individual contribution and involvement. You cannot get back something better than what you put in.

Consequently, your being able to do well in this course will depend upon the following:

Showing up for class on a timely basis, being attentive, listening to lectures and to fellow students, taking notes, responding thoughtfully during class discussions and interactions, and by helping others.

Mostly, being tuned in to what is happening (100% of your best)

. Do the homework assigned with regularity. Though homework will not be graded, the quiz problems will be related to the problems assigned. So your proficiency at doing homework problems will improve your test performance abilities.

. Don't quit. You miss 100% of the things you never attempt.

. Maintain an open channel of communication with your professor. Let me know how you are doing and how I can help you maximize your educational experiences.

Tentative Schedule (subject to change at the discretion of the instructor):

E3O MEANS EVERY THIRD ODD (1,7,13,19,25,31,37,....) can think of as multiples of 6 plus 1

Date	Material covered in class	Assignments
4-7-98	Introduction, Ch 1	Read ch 1. Do 1.1 # 1-77 E3O, 12. # 1-55 E3O, 1.3 # 1-91 E3O.
4-9-98	Ch 1	Read 2.1, 2.2. Do 1.4 & 1.5 #1-91 E3O, 1.6 #1-19 E3O, 1.7 #1-55 E3O
4-14-98	2.1 2.2	Read 2.3, 2.4. Do 2.1 # 1-91 E3O, 2.2# 1-49 E3O
4-16-98	2.3, 2.4	Read 2.7,3.1. Do 2.3 # 1-79 E3O, 2.4 # 1-31 E3O
4-21-98	2.7, 3.1	Read 3.2, 3.3. Do 2.7 #1-61 E3O, 3.1 # 1-97 E3O
4-23-98	3.2, 3.3	Read 3.4, 3.5. Do 3.2 # 1-79 E3O, 3.3# 1-25 E 3O
4-28-98	3.4, 3.5	Read 3.6, 3.7. Do 3.4 # 1-55 E3O, 3.5 # 1-79 E3O
4-30-98	3.6, 3.7	Read 3.8, 4.1. do 3.6 # 1- 97 E3O, 3.7 # 1-61 E3O
5-05-98	3.8, 4.1	Do 3.8 # 1-49 E3O, 4.1 # 1-79 E3O
5-07-98	Exam 1 (Ch. 1 - 3)	Read 4.2, 4.3
5-12-98	4.2, 4.3	Read 4.4, 4.5. Do 4.2 # 1-67 E3O, 4.3 # 1-85 E3O
5-14-98	4.4, 4.5	Read 4.6, 4.7, 5.1. Do 4.4 # 1-97 E3O, 4.5 # 1-97 E3O
5-19-98	4.6, 4.7, 5.1	Read 5.2, 5.3. Do 4.6#1-49 E3O, 4.7 # 1-49 E3O, 5.1 # 1-73 E3O
5-21-98	5.2, 5.3	Read 5.4, 5.5. Do 5.2 # 1-67 E3O, 5.3 # 1-67 E3O
5-26-98	5.4, 5.5	Read 5.6, 5.7. Do 5.4 # 1-73 E3O, 5.5 #1-79 E3O
5-28-98	5.6, 5.7	Read 5.9, 6.1. Do 5.6 # 1-43 E3O, 5.7 # 1-55 E3O
6-02-98	5.9, 6.1	Read 6.2, 6.3. do 5.9 # 1-55 E3O, 6.1 # 1-67 E3O
6-04-98	6.2, 6.3	Read 7.1-7.3, Do 6.2 # 1-49 E3O, 6.3 # 1-61 E3O
6-09-98	7.1-7.3	Do 7.1 # 1-31 E3O, 7.2 and 7.3 # 1-37 E3O
6-11-98	Exam 2 - cumulative	