

Mathematics 096S: Developmental Mathematics II

M-T-W, room 1326, Live Oak Hall Bldg.

Fall 2012

Instructor: Melody Rashidian

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Text: Math Lit

By Kathleen Almy and Heather Foes

Office hours: M-W: 10:20 - 10:55 am and 3:25 – 3:45 pm

Tue: 9:50 – 10:55 am

At Bayramian Hall, Room 400, or by appointment.

Course ID:

MML Math Lit student access code:

WSCMMC-SMALL-TUNIC-CURVY-QUASH-MOOSE

My teaching philosophy focuses on meeting your needs during this course by providing a stimulating environment, building self-esteem, open communication, and practicing a blend of independent and cooperative learning style.

About the course:

This is a special class and students who pass 096S are eligible to enroll in Math 140 during spring 2013 semester. The focus of the course is developing mathematical maturity through problem solving, critical thinking, writing, and communication of mathematics. Additionally, students will develop conceptual and procedural tools that support the use of key mathematical concepts in a variety of contexts, including statistics. The content of the course is also developed through cycles. Every cycle will include components from each of the four strands: numeracy, proportional reasoning, algebraic reasoning, and function. Upon completion

of this course, students will be prepared for an elementary statistics course. The classes consist of discussions and graded active-learning sessions.

Math 096S is the first semester of a two-semester sequence that covers the following topics:

Fall 2012: Review of Elementary Algebra topics: Develop understanding of numbers and operations, develop understanding of building, solving, and graphing equations, both linear and non-linear, introducing polynomials and factoring, understanding large and small numbers and quantities in absolute and relative contexts through numerical and functional means

SLO's

1. Students will be able to perform basic arithmetic with fractions, decimals, and percent. They will be able to recognize contexts in which these operations are appropriate and interpret their results in context.
2. Students will be able to solve equations. They will be able to recognize contexts in which solving equations is an appropriate approach to solve a problem and will be able to interpret their solutions in context.
3. Students will be able to graph equations, inequalities, and functions. They will be able to recognize contexts in which graphing is an appropriate approach to solve a problem or to communicate information. They will be able to interpret graphs in context.

Spring 2013: The second semester of this course sequence is delivered partially on the Web and partially in the classroom. This class, Math 140HB, is an introduction to statistics. A major goal of this class is to teach students to become critical and informed consumers of real data and statistical information. This course will focus on understanding statistical concepts, methods, and reasoning, organizing, interpreting and producing data, analyzing statistical arguments and communicating findings clearly, and appreciating the relevance of statistics to contemporary society. We will cover the following topics in the second semester:

Introductory Statistics Topics: methods of displaying, describing, and producing data, basic probability, normal distributions, correlation and regression, sampling distributions and statistical inference for means and proportions.

My Math Lab:

The textbook for this course comes enhanced with My Math Lab. You will receive a code to an online website www.perasonmylab.com where you can complete part of your homework assignments. MML also contains a refresher skill quiz, skill review with videos, animations, and problems, student's success tips, and answers to the homework in the text.

Homework:

Success in any math class is dependent upon completing and understanding all assignments. There will be a skill homework assignment available in **MyMathLab** (MML) with a small sample of problems in the book, known as a **Skill Check**. You should do the MML problems first and then complete the **Skill Check** as a check of your understanding. It gives you an opportunity to see if you can write your work in an organized fashion and complete problems without the use of help aids.

Please note that there will be two types of on-line homework assignments in MyMathLab. One type is under the **homework category** and is due on the next day at 12:00 pm of the class and you may redo the online homework assignments as many times as you would like to receive a higher score. You will find the second type of online homework assignments under the **quiz category**, you will have only ONE attempt to complete these assignments. These types of homework assignments will be due on Sundays of each week at 11:00 pm.

To redo a homework question, you have two options:

- a. After getting an answer marked wrong, click on similar exercise rather than next exercise and you will get another three chances to get the question right. OR,
- b. If you have already submitted the assignments, go back to the homework menu. Click on the assignment you would like to redo. Click on any problem with a red mark (those are the wrong answers). Click similar exercise and try again.

Students should work enough each week to meet weekly progress goals. The goals become very difficult to meet if you fall behind, so you must budget enough time to complete weekly expectations. It is the student's responsibility to obtain the assignment during an absence.

You should see me for assistance as soon as an exercise is not understood. It is highly recommended that you also take advantage of the free tutoring services offered in Bayramian Hall, room 400.

Class work activities:

Class work activities are the primary method of instruction for this class. You will work in groups often in this course. I'll form cycle groups for each cycle. Your group will sit together to work on the Explore part of the lesson. No makeup work is possible for missed class work/groupwork.

Quizzes:

There will be in class quizzes on Wednesdays. There are no make-ups on quizzes. If you are absent you will receive a 0 on the quiz on the absent day. If your quiz score is less than 70%, you may be asked to attend an additional (1- hour mandatory) computer lab in campus. During the 1-hour mandatory computer lab, you may be asked to solve additional practice problems.

Exams:

There will be 4 written cycle exams (100 points each) and a common final exam. Cycle Exams will be given in person during the semester, at scheduled exam dates and during finals.

Students should be able to show complete work and procedures to support answers. The written exams serve as a checkpoint on how you write up and communicate solutions. Exams are “closed book”. No make-up exams will be given. Tentative exam dates are noted on the Class schedule at the end of syllabus. **The common final for 096S is scheduled for Saturday, Dec 15 from 9:00 am – 11:00 am.**

Campus Help and Tutoring:

A Mathematics tutor is available in class at all scheduled times to assist you. The Tutoring Lab, BH 400, provides drop in tutoring Monday through Thursday from 8:30am to 4:00pm and Friday from 8:30am to 2:00pm.

Attendance for Math 096S class sessions is mandatory. You will meet with the instructor and tutors to review topics assigned in the textbook scheduled for that week. Therefore, you should begin working on the scheduled sections, using the facilities described above, PRIOR to attending these sessions. Homework assignments will be assigned and graded regularly.

Basis of Grading: The course grade will be determined as follows:

Component	Weighted Percent of the Course Grade	
Chapter Tests	50%	
Weekly in-class Quizzes	10%	
Homework	10	
Class work/attendance	5%	
Final Exam	25%	Saturday, Dec 15, 2012 9am-11am Room Locations will be announced in class

Course grades will be assigned according to the following criteria:

Credit	70% overall course grade AND at least 50% on the final exam
No Credit	Less than a 70% overall course grade OR less than 50% on the final exam

Developmental Mathematics Make-Up Policy

For Term-Time Exams:

1. Students are expected to attend all class meetings and thus make-up exams should only be necessary in the case of an emergency, illness, religious obligations, or scheduled CSUN activities.
2. In the case of illnesses and emergencies, students must contact their instructor as soon as possible via email or phone. This contact should be followed up with a written explanation for the missed exam accompanied by a doctor's note, an accident report, or any other relevant documentation.
3. In the case of religious obligations or scheduled CSUN activities, the student must let the instructor know of the scheduling conflict within the first two weeks of the term. This should be done in writing with relevant documentation attached. If notification within the first two weeks of term is not possible (e.g. playoffs for a sporting event) then the student must inform the instructor as soon as the conflict arises.
4. If a student misses an exam for a legitimate emergency or illness then either the student will be given a make-up exam within one week of the original exam date, OR the final exam score will be substituted for the missing exam score. The choice is left to the instructor. If the situation occurs more than twice, on the third occasion the student will have to speak to the director before any action is taken.
5. If a student misses an exam for a legitimate religious obligation or scheduled CSUN activity, the student will be given a make-up exam within one week of the original exam date. If this occurs more than twice, on the third occasion the student will have to speak to the director before any action is taken.

For The Final Exam.

1. Students are expected to attend the common final exam. Make-up final exams should only be necessary in the case of an emergency, illness, religious obligations, or scheduled CSUN activity.
2. In the case of illnesses and emergencies, students must contact their instructor or the Developmental Math office as soon as possible via email or phone. This contact should be followed up with a written explanation for the missed exam accompanied by a doctor's note, an accident report, or any other relevant documentation. They will be scheduled for a make-up final.
3. In the case of religious obligations or scheduled CSUN activities, the student must let the instructor know of the scheduling conflict within the first two weeks of the term. This should be done in writing with relevant documentation attached. If this is not possible (e.g. playoffs

for a sporting event) then the student must inform the instructor as soon as the conflict arises. They will be scheduled for a make-up final.

4. If a student skips the final exam without a valid excuse, they will not be allowed to take a make-up exam without the permission of the director of Developmental Mathematics.

Drop Policy:

Withdrawal from the class through the Admissions Office is the student's responsibility. If you neglect to submit a drop form to the Admissions Office, you may receive a "No Credit" grade at the end of the semester. Refer to the CSUN' webpage for withdrawal dates. If you have any concerns regarding your attendance, please contact me immediately via email, or during my office hours.

Last day to add or drop the class is Friday, 4pm September 21st. The form can be found from the CSUN home page, search Student Forms.

Academic Integrity:

It is expected that each student will complete his/her own scored assignments, quizzes, and exams. If the instructor judges that dishonesty occurs, no credit will be given for the work in question. Any incident of cheating will be brought to the immediate attention of the Office of Student Affairs for further action. A report will be filed with the Disciplinarian. Cheating will not be tolerated!

Calculators:

Calculators will not be allowed in class. No cell phones use will be allowed in class! Cell phones must be completely off otherwise you will be asked to leave the class and one absence will be charged to you.

Expectations:

As a student studying mathematics, you should be committed to allocating a minimum of 12 to 15 hours a week for work on this course. It is recommended that you budget even more time if you have not taken hybrid or online courses before. Concepts discussed in class and online must be reinforced by doing problems at home. Completing assignments will insure that you are actively participating in the mathematics and not just observing the mathematics. This is an essential requirement for the successful completion of this course.

Keys to success:

Individual effort on the time requirements for work in this course is the single most important component for success. You will be led through a directed but individualize learning plan based on your own strengths and needs in math. The instructor is present to support you and provide guidance to assist your learning. Let the instructor know where you need help at any time in the course. Together, we can make this a successful course experience.

MATH 096S

CLASS SCHEDULE

FALL 2012

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	WEEK
27-Aug Orientation 1.1/1.2/1.3	28 1.4/1.5	29 1.7	30-Aug	31-Aug	1-Sep	1
3-Sep Labor Day Holiday	4-Sep 1.8/1.9	5-Sep 1.9/1.10	6	7	8	2
10-Sep 1.11	11 1.13/1.14	12 1.16/1.18	13	14	15	3
17-Sep 1.20/1.23	18 Review/Cycle wrap	19 Test Cycle 1	20	21	22	4
24-Sep 2.1/2.2	25 2.3/2.4	26 2.4/2.5	27	28	29	5
1-Oct 2.6	2 2.7/2.8	3 2.12/2.13	4-Oct	5-Oct	6	6
8-Oct 2.13/2.14	9 2.16/2.20	10 Review/Cycle wrap	11	12	13	7
15-Oct Test Cycle 2	16 3.1/3.2	17 3.3	18	19	20	8
22-Oct 3.5/3.6	23 3.6/3.7	24 3.8/3.9	25	26	27	9
29-Oct 3.10	30 3.11	31 3.12	1-Nov	2	3	10
5-Nov 3.14/3.18	6 Review/Cycle wrap	7 Test Cycle 3	8	9	10	11
12-Nov 4.1/4.2	13 4.3/4.4	14 4.4	15	16	17	12
19-Nov 4.5	20 4.6	21 4.7/4.8	22 Thanksgiving	23 Holiday	24	13
26-Nov 4.8	27 4.9	28 4.10	29	30	1-Dec	14
3-Dec 4.14	4 Review/Cycle wrap	5-Dec Test 4 Cycle 4	6	7	8	15
10-Dec Review for Final	11-Dec No Class	12-Dec No Class			15-Dec Final Exam	

