

Math 219 – Pre-Calculus

Cañada College . Fall 2009

- Class Hours and Location: Monday through Thursday from 12:35 to 1:45 p.m. in 17 – 103
and 16 hours in the Learning Center by arrangement
- Required Materials: Text: *Functions Modeling Change, Third Edition* by Connally, Hughes-Hallett, Gleason, et al.
Calculator: A graphing calculator such as TI-83, TI-84, or TI-89.
- Prerequisite: Math 130 with a grade of C or better or appropriate score on the college placement test
- Instructor: Denise Hum
Email: humd@smccd.edu (preferred)
Voicemail: (650) 306 – 3351
Office: 16 – 109
Website: <http://www.smccd.net/accounts/humd>
- Office Hours: Monday through Thursday in the Math Lab and by appointment
- Free Math Tutoring: The Learning Center on the 2nd floor of Building 9 has free drop-in tutoring in the Math Lab.
- On Campus: You can also make an appointment for one-on-one tutoring at the Tutorial Center.
- Class Website: <http://www.smccd.net/accounts/humd/fall2009/math219>
Check the website regularly for class handouts, announcements, and important dates

Course Description

Unification of college algebra and analytical trigonometry based on the function concept. Topics include: properties of the real number system, inequalities, theory of equations, complex numbers, logarithmic and exponential functions, matrices, binomial theorem, sequences, and inverse functions.

Student Learning Outcomes include the following:

1. Recognize and classify a function from an equation, graph, or table
2. Identify and apply transformations to functions and graphs, including vertical and horizontal shifts, reflections, and scaling.
3. Describe the short run and long run behavior of polynomial and Rational functions.

Grading Policy & Course Requirements

A: 90% - 100%; B: 80% - 89%; C: 70% - 79%; D: 60% - 69%; F: under 59%

Homework:	10%	Function Library:	5%
Hours by Arrangement in the Learning Center:	5%	Tests:	45%
Quizzes:	10%	Final Exam:	25%

- *Homework* – Homework makes up 10% of your grade. You will be assigned homework each class period and it will be due every Thursday at the beginning of class. It is by reading the textbook and working through problems that you will be able to understand and master the methods, applications, and computations required for this course.

Homework should have your name and assignment number in the top right hand corner. It should also be **legible, collated, and stapled** on the upper left hand corner. Please show all of your own work for full credit and circle your answers. I will drop your lowest homework score.

You will receive two homework coupons good for turning in two homework assignments late without penalty. Attach one to each late assignment that you wish to be graded. No other late homework will be accepted.

- *Hours by Arrangement* – As a part of this course, you will need to complete worksheets in the Math Lab and log in for at least 16 hours. Hours by arrangement will count for 5% of your grade. No late work will be accepted, but you can turn them in early.
- *Quizzes* – Quizzes make up 10% of your grade and will be given every Thursday at the beginning of class. I will drop your lowest weekly quiz score. That means that you can miss one quiz or your lowest quiz score will be dropped. We will also occasionally have pop quizzes that are based on the previous class' material. No makeup quizzes will be given.
- *Function Library* – More details will be given at a later date. The function library is to be worked on all semester and is worth 5% of your grade.
- *Tests* – Three midterm exams will be given, each worth 15% of your grade. No makeup exams will be given. If your lowest midterm exam score is lower than your final exam score, then that midterm exam score will be replaced by your final exam score. No makeup tests will be given.

- **Final Exam** – A comprehensive final exam worth 20% of your grade will be given on **Wednesday, December 16 from 2:10- 4:40 p.m.** The final exam is mandatory, and you must take it at this time.

Policies

- **Classroom Conduct** – Be polite and be respectful to everyone in the class. Please do not talk or be loud when it is not appropriate. Cell phones must be *silent* and mp3 players must be turned off and put away. Cell phone use during an exam or quiz will result in a 0. Use of electronic devices with the exception of calculators is prohibited during class time. Any use of electronic devices during class – this includes text messaging – will result in you being asked to leave class for the day.
- **Attendance** – You should plan on arriving to class on time and staying for the duration of the class. If you arrive late or need to leave early, please do so quietly as to not disrupt the class. If you must be absent, please notify me *in advance*. It is your responsibility to obtain the class notes and assignments from another student so you can catch up. Attendance will be taken daily.
- **Cheating** – Do not cheat. For example, do not talk to or consult other students, share calculators or use disallowed materials during an exam or quiz. If you are caught cheating or helping someone cheat, you will receive a 0 for that activity and an Academic Integrity Violation Report will be filed. If you are unsure of what constitutes cheating, see http://www.canadacollege.edu/inside/acad_integrity
- **Adding & Dropping** – Please make sure to add or drop yourself from this class. If you stop coming to class, it is your responsibility to drop yourself, otherwise you will receive an “F” for the course. Students who miss more than four class periods of the course may be dropped.

Resources

I encourage you to form study groups to do homework and study outside of class. You can also come see me and ask questions during my office hours. In addition, the Learning Center on the 2nd floor of Building 9 has free math tutoring. The class website also has links to some math websites that I have found to be very helpful.

If you have a disability which may require classroom or test accommodations, please contact Disabled Students Programs and Services (DSPS) in Building 5, Room 207 or call DSPS at 650-306-3259.

Important Dates

August 19	First day of class
September 1	Last day to add
September 7	No classes (holiday)
September 11	Last day to drop without a “W”
November 11 & 12	No classes (Flex day)

November 18	Last day to withdraw with a “W”
November 26	No classes (Holiday)
December 9	Last day of class
December 16	Final Exam at 2:10 p.m.



Name _____

Assignment Number _____



Name _____

Assignment Number _____