

Math 120 – Intermediate Algebra

Cañada College . Spring 2009

- Class Hours and Location: Mondays, Wednesdays, and Fridays from 11:10 a.m. to 12:35 p.m. in 17 – 203
and 16 hours in the Learning Center by arrangement
- Required Materials: Text: *Intermediate Algebra, 3rd Edition* by Martin-Gay
Calculator: A scientific calculator such as TI-30. If you intend to go onto statistics, a TI-83 or TI-84 graphing calculator is recommended.
Supplies: paper, graph paper, ruler, stapler, pencil & eraser, 1.5 inch binder
- Prerequisite: Math 110 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: Mondays, Wednesdays, and Fridays from 1 – 2 and Tuesdays and Thursdays from 2 – 3 in the Math Lab and by appointment
- Study Groups: Mondays, Wednesdays, and Fridays from 1 – 2 in the Math Lab – this is a great opportunity to work on your homework with other classmates and get help from a tutor specially assigned to our class.
- 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/spring2009/math120>
Check the website regularly for class handouts, announcements, and important dates

Course Description

This is the second course in a 2-part series covering elementary and intermediate algebra. Topics include solving absolute value equations, learning to manipulate radicals, rational exponents, and solve radical, quadratic, and logarithmic functions. We will cover select parts of chapters 3, 8, 9, 10, 11, and 12 of the text.

Student Learning Outcomes

- SLO 1: Write and solve absolute-value and linear equations and inequalities that model a given application.
SLO 2: Use and interpret function notation in both algebraic and graphical contexts.
SLO 3: Analyze and solve exponential and logarithmic equations.

Grading Policy & Course Requirements

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

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| Homework: | 10% | Mastery Quizzes: | 10% |
| Class work & Participation: | 5% | Tests: | 45% |
| Learning Center Hours: | 5% | Final Exam: | 25% |

- *Homework* – Homework makes up 10% of your grade. You will be assigned homework after each lecture and it will be collected the next class period. 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.

- *Class work & Participation* – Your participation includes class work, Learning Center Hours, and attendance. We will have assignments or problems in class to be worked on individually or in small groups. Class work cannot be made up if missed. Using electronic devices such as cell phones, leaving class early, arriving late, sleeping, and doing work for other classes are examples of things that can lower your class work & participation grade.
- *Learning Center Hours* – As part of this course, you are required spend at least 16 hours doing homework, studying, and getting help in the Math Lab and/or Learning Center outside of class. These hours are worth 5%

of your grade. The Math Lab is located in the back of the Learning Center. Class study groups and private tutoring appointments in the Learning Center count towards your hours.

- **Mastery Quizzes** – Mastery quizzes make up 10% of your grade and will be given after we have learned a specific skill. You must score at least 80% on a quiz to pass and no partial credit will be given. If you do not pass, you will receive a 0% for the quiz, if you pass, your score will be 100%. You will be allowed unlimited tries on mastery quizzes, but you must schedule them with me in advance and take them during office hours.
- **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 25% of your grade will be given on **Wednesday, May 27 from 11:10- 1:40 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.

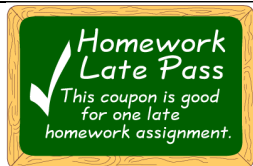
Resources

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.

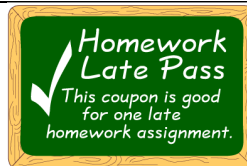
If you have a disability which may require classroom or test accommodations, please contact Disabled Students Programs and Services (DSPS) in Building 5, Room 207 or call DSPS at 650-306-3259.

Important Dates

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| January 21 | First day of class | April 6 - 12 | No classes (Spring Break) |
| February 2 | Last day to add | April 30 | Last day to withdraw with a “W” |
| February 13 & 16 | No classes (Holidays) | May 20 | Last day of class |
| February 17 | Last day to drop without a “W” | May 27 | Final Exam at 11:10 a.m. |
| March 11 | No classes (Flex day) | | |



Name _____



Name _____