

# Santiago Canyon College - Business, Math, and Sciences

## Math 80 Online - Intermediate Algebra - Ticket 21507 - Fall 2009

**Instructor:** Amy Cuneo  
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**Course Website:** [coursecompass.com](http://coursecompass.com) (use [cuneo.bz/scccollege](http://cuneo.bz/scccollege) for initial information and setup instructions)  
**Office Hours (U-82):** Mondays and Wednesdays 12:30-1:30 pm, 7:00-7:30 pm  
Tuesdays 9:30-10:30 am  
Thursdays 8:30-9:30 pm

### MaSH (Math Study Hall in U-80) Mon-Thu 9:00 am - 8:00 pm, Sat 9:00 am - 3:00 pm

The MaSH is a service provided by SCC that gives students a chance to supplement the learning done in the classroom. There will always be a math faculty member, instructional aides, and student workers on duty to assist you when needed. There are also computers in the room on which students can access mathematical software or do work for their on-line math class. The MaSH is located in rooms U-78, 79, and 80 (entrance in U-80).

To use the MaSH, you must register for Math 083L (21491). This is a 0.2 unit class that will cost \$5.40 (resident) for the entire semester. You can register for the MaSH when you register for classes or just go to admissions on the ground floor of the E building. Once registered, you can enter and exit the MaSH at any time during hours of operation. When you enter, you will slide your student ID card or just type in your student ID number at the MaSH sign in computer (no SSN). When you leave, you will sign out the same way. Signing out is very important. You may lose the hours you put in if you do not sign in and sign out appropriately.

Math 083L is a credit/no credit class. To receive credit for the class, you must complete 9 hours during the semester. We track this information through the sign in computer, so it is very important to sign in/out every time you use the MaSH. If you have any questions please contact Darlene Ornelas at 628-4958.

**Required Text:** MyMathLab access code is required. The textbook (*Intermediate Algebra by Sullivan and Struve*) is optional, since it is available for free as a PDF with MyMathLab access.

**Prerequisite:** Successful completion of Math 060 or equivalent skills (as measured by a satisfactory score (26) on the math level 2 placement exam in combination with a course equivalent to Math 060).

**Supplies:** You need graphing paper, notebook paper, pencils, and a non-graphing scientific calculator (TI-30 or TI-36 or equivalent). Calculators will be allowed for selected tests.

**Attendance:** Online participation is mandatory. It is college policy that a student may be dropped by the instructor without notice after the student has missed 10% of the class meetings. Therefore, you may be dropped from the class or receive a non-passing grade if you do not submit 6 or more assignments (any combination of homework, quizzes, projects, or exams). Email me immediately if you have any special needs. If you are ever blocked from logging into our course, email me immediately for access. If you were blocked because you were not registered for the class through the college or for non-participation, missed points cannot be made up.

**Grading:** Exact point values are subject to change without notice. Use the percentages on the right for an absolute grade determination. However, your average percentage for Exam 1, Exam 2, Exam 3 and the Final Exam must exceed 70% to pass the class.

#### Point breakdown

Lecture Notes: 52@2 pts each  
Homework: 52@3 pts each  
Quizzes: 13@10 pts each  
Exams: 3@350 pts each  
Written Assignment: 1@60 pts  
Final Exam: 1@ 450 pts each  
**Total: 2000 points**

#### Course Grade Determination

90% - 100%	A	Credit
80% - 89.9%	B	Credit
70% - 79.9%	C	Credit
60% - 69.9%	D	No Credit
0% - 59.9%	F	No Credit

Withdrawals: If you decide to drop, it is your responsibility to turn in a drop card to the Admissions Office, or by going to <http://sccollege.edu> >> Admissions and Records >> Drop Courses (on left). It is entirely possible that I will not drop you due to the nature of this course, and you will end up with a failing grade in the class. Please see the instructional calendar on the college website for important drop deadlines.

Academic Honesty Policy: Academic dishonesty or cheating is defined as an intentional act of fraud in which a student seeks to claim credit for the work or efforts of another without authorization. This includes assisting other students in acts of dishonesty or coercing students into acts of dishonesty, whether it is in coursework or on exams. There is absolutely NO tolerance for cheating in this class. Any student caught cheating or assisting another student in the act of cheating will receive appropriate discipline as noted in the Student Code of Conduct.

Academic Accommodation Statement: Students with verifiable disabilities who want to request academic accommodations are responsible for notifying their instructor and Disabled Students Programs and Service (DSPS) as early as possible. To arrange for accommodations, contact DSPS at (714) 628-4860 or stop by the DSPS Center in E-105.

## Course Specifics and Requirements

### Lectures - Online

- Video lectures will be watched as the instructional component of the class. Since these videos replace typical classroom lectures, you are required to take notes on the lecture. These videos are available under each textbook section. For example, if you need to work on a homework assignment titled "3.1", you need to watch the videos for 3.1. To do that, click on "Chapter Contents", then "Chapter 3", then "3.1", then "Video Lectures". The "Publisher's Video Lecture" is optional (although recommended) if other videos are available. When there are no other videos available, then that's an indication that the Publisher's Video Lecture is sufficient and thorough.
- While watching, make sure you understand everything in the video before moving on. There is no sense in staring and copying from a lecture that you don't understand - it's a definite waste of time. Rewind, pause, and read the book pages if you're stuck on anything. Since you have the ability to pause and rewind, the actual video lecture time is much shorter than in an actual class, so take your time! If you know how to finish the lecture problem, pause the video and finish it on your own. Then resume watching the video. If the video running time is 10 minutes, plan to spend 20 minutes watching it. It will be necessary to pause the video often when new information is presented. You can take notes from all the videos in one section continuously, but start on a new piece of paper when you move to the next section.
- Take notes on each video for each assigned section.
- Guidelines for note-taking: Start **each section** on a new piece of paper. **Label each piece of paper with the section number in the top RIGHT corner of the paper.** To turn in the notes, staple entire packets of all sections together (all sections covered by the exam). Lecture notes for each section up until the exam will be turned in on each exam day.
- To prove that you watched the videos, copy what appears on the screen. To prove that you *listened* to the videos, jot down additional comments that you *hear*. Your notes should be unique from any other student in the class because everyone will choose different comments to record.
- It is important to take thorough notes because you will be able to use them on the homework and quizzes. Your lecture notes will also be the best way to review for exams without having to re-watch the videos.

### Homework - Online

- You may work on the homework and correct errors anytime up until the due date. Homework assignments are due at 11:59 p.m. on their due dates. Homework will be deducted 20% for 1 day late, and 10% more for each additional day late (2 days would be deducted 30%, 3 days would be deducted 40%, etc.).
- To access the homework, click on "Chapter Contents" on the left side of our home page. For example, to complete the Chapter 1 homework assignment, click on Chapter Contents > Chapter 1 > "Do chapter homework" (at the bottom).

- Show all work on separate paper. Label each problem you are working on. Start each new section on a new piece of paper. Label the **top RIGHT corner with the section number** and staple all units together to turn it on the exam day. It would be best for you take good notes during the homework assignment, as quiz and exam questions will be similar to the homework. Your work will be checked for completeness and organization. If handwritten work is not turned in (neatly and organized), points will be deducted from the online homework scores.
- After entering an answer online, click on "Check My Answer". You then have a choice to click on "Next Exercise" (which saves your answer) or "Similar Exercise" which allows you to redo the problem (whether or not it was correct). If your answer is incorrect, you can try the exercise again by clicking on "Similar Exercise". This allows you to potentially get 100% on every homework assignment by correcting your missed problems. Note that you may have limited attempts per problem, so please check your work carefully before entering your answers online.
- Each homework assignment requires you to get at least 75% of the previous homework assignment correct. For this reason, please leave enough time in the week to correct homework problems before taking the quiz and continuing with the next week's assignment.
- If you do not finish the homework in one sitting, you can return to the assignment and finish it later before the due date. At the due date, your homework assignment (complete or not) will automatically submit itself.
- The "Written Assignment" will be assigned in the announcements of our course website. Be sure to read announcements daily.

### Quizzes - Online

- Quizzes will be completed online anytime during the week in which they are assigned. Quizzes are due at 11:59 p.m. on their due dates.
- To access the quizzes, click on "Chapter Contents" on the left side of our home page. For example, to complete the Chapter 1 quiz, click on Chapter Contents > Chapter 1 > "Take chapter tests" (at the bottom).
- Quizzes are located just under each chapter's homework assignment (under "Chapter Contents"). \*\*Note: there are many tests available listed under "Sample Tests". These are all optional. Please feel free to play with these as much as you'd like for additional examples before taking quizzes. Anything you complete on these sample tests will not count toward your grade.
- While taking the quiz, show all work neatly on paper. After the quiz due date, you will be able to see your exact quiz with your answers. If you show your work as you go, you will be able to see where you went wrong so that you don't make the same mistakes for the exam. You will not be required to turn in your quiz handwritten work.
- Once you have started the quiz, do not click the "Back" button on your browser. This will close your quiz and it will automatically be submitted for a score. You will not be able to stop and return to the quiz later. If your quiz closes for any reason, you will need to email me immediately.
- You will have a restricted time limit once you start the quiz. For this reason, please prepare for the quiz by going to the bathroom beforehand, getting any food or drink handy, and make sure you are somewhere without interruptions. Also, it would be beneficial for you to have your book, homework, and any notes nearby as well. You may have to work quickly, so be sure to study your homework problems very well before beginning a quiz. Also, use your textbook's exercises for additional practice.
- You will not be permitted to access the quiz after the due date, so please plan accordingly. Do not postpone any assignments until the last few hours of the due date.

### Exams - In Class

- Exam dates and times are given on our course site. Click on "Course Information" on the left of our home page.
- To prepare for the exam, study all homework and quiz questions. Exam questions will be similar, although they may be worded differently.
- If you come late to an exam, you will not be permitted extra time, and you will not be able to leave class for any reason during a quiz or exam. If you cannot attend our regularly scheduled exam, you are welcome to make an appointment with me to take the exam early. To do this, email me at least one week prior to when you want to

take the exam so we have time to make arrangements. Exams will not be given after their scheduled dates without legal documents justifying a **significant and unexpected emergency**.

- See "Course Information" on our home page for other pertinent exam announcements.

### GET HELP!

- Go to the Math Study Hall and take advantage of the instructors and instructional assistants in there who are ready to help you while you sit at the computer and work on your assignments. All computers have the software installed and they are equipped with headphones. Refer to the top of the syllabus for more information.
- Email me if you would like to meet me during office hours.
- Use the free tutoring service (using your Course ID) available through MyMathLab by going to <http://www.prenhall.com/tutorcenter/math.html>

Above all, I want to help you to be successful in this class. The last thing I want is for you to get caught up in technical issues, or for you to be confused by the information presented in the text or the videos. If there is anything I can help you with at any time, please feel free to contact me as often as necessary. This class moves incredibly quickly due to the limited time. However, if you get help when it is needed and if you are willing to dedicate the necessary time, you should be able to finish this class successfully.

### Math Department Student Learning Outcomes

Upon completion of any course in Mathematics the student will be able to:

1. Create mathematical models of real world phenomena, apply those models to make predictions about the behavior of the phenomena, apply appropriate problem solving techniques, and critically evaluate the veracity of the obtained results.
2. Clearly communicate their mathematical reasoning and problem solving skills using a variety of formats, diverse technologies, and appropriate mathematical vocabulary and notation.
3. Integrate into educational and professional conduct a calm, confident, and ethical approach to mathematical reasoning and problem solving while taking personal responsibility for mathematical successes.

### Math 80 Student Learning Outcomes

Upon completion of Math 80, the student will be able to:

1. Read, define and apply algebraic and functional vocabulary and symbols.
2. Evaluate and perform algebraic operations on rational, radical, exponential and logarithmic expressions.
3. Set up and solve word problems involving quadratic, rational, absolute value, radical, exponential and logarithmic expressions.
4. Graph linear, quadratic, absolute value and power functions, apply graphing transformations and find the equation of linear functions given appropriate information.