Math 150 Online
Syllabus
Spring 2016

Instructor: Cindy Moss   **Phone:** (650) 738-4413
Website: http://www.smccd.net/accounts/moss/   **Office:** 7324B
Email: moss@smccd.edu
Write "Math 150 Online" on the subject line when emailing me otherwise your message will be suspected as spam and may be deleted without opening. If you do not get a response within 24 hours check the subject line and resend. Please write your full name in the body of the email and include all the original email text when replying.

Office Hours
Wednesday or Thursday 7 pm–8 pm online in the Virtual Classroom. See the schedule for dates. On campus dates will be posted in January.

Virtual Classroom (office hours):
Online office hours are on Wednesdays or Thursdays from 7-8 pm (see the schedule for the dates**)**. You can get questions answered and I will go over examples of problems you will see on the exams. Access information n is on MyOpenMath. These sessions are optional.

Required Materials
- Knowing and Teaching Elementary Mathematics, Liping Ma (purple cover) $10 used at the bookstore or $8.99 new on Amazon http://www.amazon.com/Knowing-Teaching-Elementary-Mathematics-Understanding/dp/0805829091
- Understanding Elementary Mathematics order information on my webpage
- Calculator with a square root function
- MyOpenMath is free and access will be available after completing the online orientation.
- A device to post pictures (digital camera or a scanner)
- Open mind and willing to work hard

Technical Requirements
- Internet access (high speed is best)
- Your own email account

Online Orientation:
The online orientation is available from January 18 – 21. Go to my webpage for information. After completion you will receive the link to log into MyOpenMath and start the course.

Course Format
A primary objective of this course is to encourage you to think deeply about mathematics. The course will be taught using a combination of an activity workbook, online homework, readings, and videos. Do not expect to open your head and have me fill it with knowledge; you will need to be an active participant in your learning. You will learn new things you have never seen before or have never thought of in a certain way. I want you to interact with me, your classmates and with the material as you learn. There is a Forum on MyOpenMath you can use for collaboration or get together in study groups in person.

Course Objectives
This is a course for elementary education majors. Topics include numeration, number theory, rational numbers, operations of addition, subtraction, multiplication, and division of real numbers, fraction, decimals and proportional reasoning.

Student Learning Outcomes

Upon completion of this course students will be able to:

- Apply a variety of strategies to solve numerical and application problems; including making a table, chart or list, drawing pictures, making a model, using patterns, working backward, guessing and checking, using algebraic equations.
- Illustrate mathematical ideas through use of manipulatives, models, verbal explanation and written representation as described and established in the Common Core Standards.
- Apply mathematical thinking and modeling to solve problems.

Attendance

Attendance is the basis for learning and without good attendance it is difficult to build the foundation necessary to pass this course. Attendance in an online class is measured by logging into MyOpenMath frequently and doing work. You may be dropped from the course for any of the following reasons:

- You do not complete the online orientation and log into MyOpenMath by January 21
- You have not completed the first online assignment (on MyOpenMath) by January 25
- You miss 2 exams
- You miss 4 online assignments (including Forum assignments)

Grading

Book Homework	10%	93-100%	A	77-79%	C+
Online work	10%	90-92%	A-	70-76%	C
Exams	50%	87-89%	B+	60-69%	D
Writing assignments	10%	83-86%	B	Below 60%	F
Final	20%	80-82%	B-		

Borderlines grades are scores within 1 percentage point of the next higher grade. If your MyOpenMath score is above 90% and you have made substantive contributions to the Forum, a borderline grade will be rounded to the next higher grade.

Book Homework

The book homework will consist of working through Modules and completing the exercises at the end of each Module. See the Homework Grading Policy document for instructions on the format in submitting your work. Homework is due on exam days and will be graded on completeness, correctness, neatness and following the grading policy. The Module work will also be turned in and graded.

Online Assignments

Online homework can be found on MyOpenMath. All homework has deadlines which can be found on the Unit Checklist, the Schedule, and on MyOpenMath. Some assignments are algometric and can be attempted unlimited times and others are static and have only one attempt. Your lowest online homework score will be dropped. Forum assignments are graded.

Writing Assignments

The writing assignments include readings from Lipin Ma, essays, and videos. The assignments are posted on MyOpenMath in the Writing Assignments folder.

Extra Credit

Each online homework assignment completed 24 hours early with a score of 100% will receive 2 extra percentage points. The maximum overall score of online work will not exceed 105%. Extra credit will also be given for helping students on the Forum and there are some in the Modules.

Arithmetic Quiz

To pass this class you must score 80% or higher on an arithmetic quiz without a calculator. The quiz will be 10 questions consisting of basic fraction and decimal operations and will be taken on the first exam day. Retakes during the semester are permitted and need to be arranged with me. I will provide you with a sample quiz.

Exams

There will be 4 proctored exams and the lowest exam score will be dropped. To receive a grade of C or better you must have 70% weighted average on the exams and final. All exams are on Saturdays at 2 pm in room 2306 at Skyline College. See below and the schedule for dates. No make-up exams will be given. If you miss an exam, it will count as your dropped score. If you miss 2 exams you will be dropped from the course. A valid photo ID is required for each exam (Drivers license, passport, or school id). All exams are closed book. Bring your calculator.

If you have a scheduling conflict, you may take the exam on the Thursday before the exam date at 4:00pm. Contact me at least one week prior and I will give you the room number. If you are not able to come to campus for an exam you may take it at a testing center that offers proctoring services. Send me the contact information at least 2 weeks prior to the exam date.

Final Exam

The final exam is cumulative. You must earn at least 50% on the final to pass this course. The final is on May 21 and the alternate date for the final is Thursday, May 26 at 4:00pm. If you want to take the exam on this date, contact me at least one week prior and I will give you the room number.

Tutoring:

The Learning Center, located on the first floor of Building 5 provides free tutoring. This is a great place to go for doing homework and forming study groups.

Students with special needs

In coordination with the Disability Resource Center office, reasonable accommodation will be provided for eligible students with disabilities. For more assistance, please contact the DRC Bldg 5, Room 5132 or call 650-738-4228.

Cheating

DO NOT CHEAT!! Skyline's policy concerning cheating is outlined in the Student Handbook. If you are caught cheating during a graded assignment your score will be zero. Some examples of cheating are: sharing anything with a student (calculator, pencil, eraser, etc.), unauthorized notes, altering your calculator, any type of communication other than with the instructor, cell phone in the on position, anything programmed into your calculator. I encourage you to form study groups and collaborate on homework. However, you must do your own work. If it appears that your work is copied from another student you will receive a zero for that assignment and possible a failing grade in the course.

Final thoughts

The best way to be successful in this class is to work on your math every day. Do not save your work in the modules and homework until the night before it is due. I highly recommend forming study groups. All work must be shown to get credit.

Important Dates:

Last day to complete the Orientation and log into MOM:	1/21
Last day to complete the first online assignment:	1/25
Last day to Drop:	2/7
Last day to Withdraw:	4/28
Exam Dates:	2/20, 3/19, 4/23, 5/14
Final Exam:	5/21