

Syllabus

Math D210 MP1, CRN 34638, Winter 2018

Instructor: Ms. Rani Fischer, fischerrani@fhda.edu

Classroom: E32, 8:30-10:20 am, Monday-Friday

Counselor: Ms. Melissa A. Maturino (Rueda)

Math Performance Success Program (MPS)

Office: S56A

Email: maturinomelissa@fhda.edu

Phone: (408) 864-8249

Office Hours: after class MWF in E37 or by appointment

Tutoring Center: S41, M-Th 8:30 AM – 5 PM, Fri 8:30 AM – 12:30 PM

Textbooks: course packet sold in bookstore

AND

Prealgebra, 2nd ed., by College of the Redwoods Department of Mathematics, 2009, which is FREE online at <http://msenux2.redwoods.edu/PreAlgText/>, but you may choose to purchase a hardcopy in the bookstore or at <http://www.lulu.com/shop/college-of-the-redwoods-department-of-mathematics/prealgebra-textbook/paperback/product-20278936.html>. If you struggle with math, getting a hardcopy will help make things easier.

What to bring every day: HW, course packet, pencils, two colored pencils/pens, graph paper. Calculators are not allowed in class.

Class Rules: Be considerate and respectful. No cell phones at all.

Attendance: Regular, punctual attendance at all class meetings is expected of each student. Students absent during the first two weeks of class will be dropped unless they contact the instructor. Since this is an MPS class, being absent may mean that you are not allowed back into MPS unless you have a very good reason. Please talk with me and your counselor if you are absent.

Homework: Homework: HW will be collected on loose-leaf paper stapled together. **LOOK AT THE SCHEDULE TO SEE WHETHER YOU HAVE HW DUE OR NOT. NO LATE HW IS ACCEPTED.** To receive full points for HW, you must have completed HW on the day it is due and have shown all the steps. If you give answers without any explanation as to how you got them, you will not receive full credit. Write me notes to ask me questions in the HW so that I can know where you are stuck. HW is graded 1-5 where 5 is a perfect score. I am grading HW on effort, not for correct answers. However, you must check the odd answers in the back of each section in the book to get immediate feedback on your work.

Quizzes: We will start every class with a short class at 8:30. Often these will be group quizzes. At the end of the quarter, your lowest two quiz scores will be dropped. In addition we will have longer quizzes once a week.

There will be no surprises. I will always tell you the day before what will be on every quiz so that you can prepare.

In-Class Activities: In class activities will be assigned daily (usually from the packet) and are to be worked on during class time before you begin your homework. You do not have to finish incomplete in-class activities outside of class, but it should be clear from your work that a reasonable effort was put into the activity. You cannot get credit for an in-class activity if you are absent on that day.

Exams: Four exams will be given. Exam dates are Tues. 1/23, Wed. 2/14, Fri. 3/8. and Fri. 3/23. No make-up exams will be given for any reason. All exams are closed-book and closed notes-unless otherwise stated.

Final Exam: There will be a 2-hour final exam. The exam is comprehensive. The final exam will be Wednesday, March 28, 7-9 am. At the end of the quarter, your final exam will replace your lowest exam score, if the final exam score is higher (as a percentage). **YOU MUST SCORE 70 OR HIGHER ON THIS FINAL EXAM IN ORDER TO PASS THE COURSE.**

Grades will be assigned as follows:

Assignments	% of grade	Percent Grade
3 midterm exams	30	720-800 \geq 90 A
final exam	20	640-719 \geq 80 B
HW assignments	20	560-639 \geq 70 C
quizzes	20	480-559 \geq 60 D
in-class activities	10	

How to get help: Students may receive tutorial assistance from the instructor after class MWF in E37. Please come by for help or to talk about your grade. That is what I am there for. Tutors are also available in S41 and S43. Students are strongly encouraged to make use of the tutorial help to succeed in this class.

Academic Integrity: Academic dishonesty will not be tolerated. If a student is found cheating and/or copying on any assignment or violating any other code of academic integrity, he or she will receive a 0 on the assignment and may receive failing grade for the course and/or be reported to the college. Anyone caught cheating on a test or quiz will receive an automatic 0 and be reported to the Dean of the PSME Division. Those caught twice will be expelled from the class with an F.

Disability Statement: De Anza College makes reasonable accommodations for people with documented disabilities. Please notify Disability Support Services (DSS) if you have any physical, psychological or other disabilities, vision, hearing impairments or ADD/ADHD. DSS is located in the student community services building, room 141. Phone number: 408-864-8753. Website: <http://www.deanza.edu/dss/>.

Important Dates for Fall Quarter 2016:

Mon., Jan. 15 NO CLASS, MLK's Birthday

Sun., Jan. 21: Last day to drop for a full refund or credit and with no record of grade

Fri., Feb. 2: Last day to request pass/no pass grade

Fri. & Mon., Feb 16 & 19, NO CLASSES, Presidents' Day Weekend

Fri., March 2: Last day to drop with a "W."

Fri., March 23: Last day of class.

Tues., March 26: Final Exam, 7-9 am (REALLY EARLY IN THE MORNING)

Disability Policy Statement:

Students having a documented disability and needing accommodations for this class should see the instructor as soon as possible or contact the Disability Resource Center (DRC) for assistance. The DRC is located on the basement floor of Bldg. 10. (650) 574-6438; TTY (650) 574-6230

Confidentiality: Students with disabilities are protected under Family Education Rights and Privacy Act (FERPA). Please understand confidentiality and do not identify the person or their disability information to other students.

Taping Lecture: Students who are unable to take or read notes have the right to tape record class lectures only for their personal study.

<u>M</u>	<u>T</u>	<u>W</u>	<u>Th</u>	<u>F</u>
<u>1/8</u>	<u>1/9</u>	<u>1/10</u>	<u>1/11</u>	<u>1/12</u>
Sec. 1.1 Whole Numbers, W	Sec 1.2 Add/Sub in W; Sec.1.3 Mult/Div in W	Sec. 1.4 Prime Factorization; Sec. 1.5 Order of Op, HW #1 due	Sec. 1.6 & 1.7 Solving equations	Sec. 2.1 Intro to Integers (Z), HW #2 due
1/15	1/16	1/17	1/18	1/19
MLK HOLIDAY	Sec. 2.2, 2.3 Add/Sub of Z, HW #3 due	Sec. 2.4 Mult/Div in Z	Sec. 2.5 Order of Op. in Z, HW #4 due	Sec. 2.6 Solving equations in Z (1/21 is last day to drop course fully.)
1/22	1/23	1/24	1/25	1/26
Review for Test Ch.1 & 2, HW #5 due	Test on Ch. 1 & 2	Sec. 3.1, 3.2 Algebraic expressions and evaluating them	Sec. 3.3,3.4 Simplifying expressions, HW #6 due	Sec. 3.5 Solving Eq in Z
1/29	1/30	1/31	2/1	2/2
Sec. 3.6 Applic. Solving Eq., HW #7 due	Review Ch 3	Sec. 4.1 Equivalent fractions, HW #8 due	Sec. 4.2 Multiplication of fractions	Sec. 4.3 Division of fractions, HW #9 due (last day to request pass/no pass)
2/5	2/6	2/7	2/8	2/9
Sec. 4.4 Adding/Subtr fractions, HW #10 due	Sec. 4.4 review	Sec. 4.5 Mult/Div. mixed fractions, HW #11 due	Sec 4.6 Adding/Subtr mixed fractions	Sec 4.7 Order of operations, HW #12 due
2/12	2/13	2/14	2/15	2/16
Sec 4.8 Solving eq with fractions	Review Ch 3 & 4, HW #13 due	Test on Ch 3&4	Sec. 5.1 Intro to decimals	HOLIDAY
2/19	2/20	2/21	2/22	2/23
HOLIDAY	Sec. 5.2 Add/Subtr. Decimals, HW #14 due	Sec. 5.3 Multiplying decimals	Sec 5.4 Dividing decimals	Sec 5.5 Fractions & decimals, HW #15 due
2/26	2/27	2/28	3/1	3/2
Sec 5.6 Eq with decimals, HW #16 due	Sec 5.7 Square roots	Sec. 5.8 Pythag Theorem, HW #17 due	Sec 6.1 Ratios & rates	Sec. 6.2 Proportions (Last day to drop with a "W")
3/5	3/6	3/7	3/8	3/9
Sec. 6.2, HW #18 due	Sec 6.3 Unit conversion	Review Ch 5,6, HW #19 due	Test Ch 5,6	Sec 7.1 Percent, fraction, & decimal
3/12	3/13	3/14	3/15	3/16
Sec 7.2 Solving % problems	Sec. 7.3 App of %, HW #20 due	Sec. 7.4 % increase/decrease	Sec 7.4	Sec. 8.1 Cartesian plane, HW #21 due
3/19	3/20	3/21	3/22	3/23
Sec 8.2 Graphing linear equations	Sec 8.2	Functions, HW #22 due	Review Ch 7, 8 HW #23 due	Test on Ch 7, 8, functions
3/26	3/27	3/28	3/29	3/30
Optional Review	NO SCHOOL	FINAL EXAM 7 AM		

Schedule W18

Math 210 MPS, CRN 34638

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Do multiples of 3 (#3,6,9, 12, . . .) unless otherwise stated.

HW #1: p.9-10, 26-28 (starting with #39), p.44-47 (starting with #18)

HW #2: p. 49, 58, 60, 61, 71-73

HW #3: p. 85, 86, 94, 95 Show the same to both sides of the equation.

HW #4: p.106-109, (do all on p. 107 only), p. 124-126 (skip #37-63), 133-135

HW #5: p. 145-147 (start with #18), 152-154, 167, 168

HW #6: p.177 (#1-20 all), p.183 (#1-28 all), p. 184, 185

HW #7: p.195 (all), 205, 213

HW #8: p.214, 224, 225

HW #9: p.226, 227, 243, 244

HW #10: p.260-262, 271

HW #11: p. 285-288 (skip #105-120)

HW #12: p.297, 299, 308, 309

HW #13: p.321, 322, 336-339 (skip #51-72)

HW #14: p.353-356 (including #94 and #95)

HW #15: p.366, 367, 382, 383, 395, 397 (#67-76 all; stop at #76)

HW #16: p.398-399, 408-409

HW #17: p.421, 423, (don't do p.422), 433 (do all on this page)

HW #18: p. 443, 444 (all on this page), 454

HW #19: p.463-465, 475, 477 (#101, 102, & 103 only)

HW #20: p.508-510, 518, 519

HW #21: p. 525, 526, 538-540 (You may use a calculator starting p. 525, but still show all steps of the algebra.)

HW #22: p. 576- 579, 589-591, print p.4,5 only of function packet

HW #23: p.4,5 of function packet

Student Learning Outcome(s):

*Demonstrate and apply a systematic and logical approach to solving arithmetic and geometric problems.

*Demonstrate and apply the knowledge and skills required to select the correct introductory formulas, procedures, and concepts from algebra and geometry and use them to solve problems.