

## Math 114: Prep for College Math: Intermediate Algebra - Winter 2015

12/11/14

**Instructor:** Diane Mathios  
**Office:** S33N  
**Counselor:** Herminio Hernando

**Office Hrs:** M – Th 10:30 – 11:20  
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### Text and Related Materials:

- **Lehmann; Elementary and Intermediate Algebra, Functions and Authentic Applications; Prentice Hall**  
Text is available either in bound or binder-ready formats..
- **Graphing Calculator: TI83 or TI84 recommended**
- **Math 114 Worksheet Packet** – available through the bookstore

**Bring your text, worksheet packet and calculator to class everyday.** We will use them on a daily basis.

### Student Learning Outcomes:

- Evaluate real-world situations and distinguish between and apply exponential, logarithmic, rational, and discrete function models appropriately.
- Analyze, interpret, and communicate results of exponential, logarithmic, rational, and discrete models in a logical manner from four points of view - visual, formula, numerical, and written.

**Attendance:** Regular, punctual attendance at **all** class meetings is expected of each student. Students absent during the first 2 weeks of class will be dropped unless they contact the instructor. Each tardy will count as half an absence. **A student may be dropped from the class if absent the equivalent of 5 times, no matter what the reason.**

**Homework:** Homework will be assigned every day and is due at the beginning of the next class period. Each assignment is worth 2.5 points. **Do not fall behind!** Complete all homework assignments and ask questions. Credit will not be given for answers only, so **show all your work.** The top 40 scores will count toward your grade.

**Instructor Website:** The class greensheet, calendar, homework and lecture slides will be posted on my web site at <http://faculty.deanza.edu/faculty/mathiosdiane>. Check it out!

**Quizzes:** Quizzes are indicated on the calendar and are worth 10 points each. **Missed quizzes cannot be made up for any reason.** If you know you will be absent for a quiz, you may arrange to take it early outside of class time. At the end of the quarter, your lowest quiz score will be dropped, except in the case of cheating.

**Activities and Labs:** In class activities and worksheets will be assigned and graded. Activities are assigned daily and are completed during class time. They should be turned in along with your assigned homework the next day. Three labs are scheduled and are worth 25 points each. These labs will be started during class, but may need to be completed outside of class time.

**Exams:** Three exams will be given worth 100 points each. Exam dates are on the calendar. **No make-up exams will be given for any reason.** All exams are closed book, closed notes unless otherwise stated.

**Final Exam:** There will be a 2-hour final exam worth 100 points. The exam is comprehensive. **No incompletes will be given for missing the final exam.** The final exam time is on the calendar. Except in the case of 0 exam scores due to cheating, at the end of the quarter, your final exam will replace your lowest exam score, if the final exam score is higher.

### Grades will be assigned as follows:

3 exams @ 100 points	300 points	89.5 – 100	A
1 final exam @ 100 points	100 points	79.5 – 89.4	B
40 Homeworks	100 points	69.5 – 79.4	C
15 quizzes @ 10 points	150 points	59.5 – 69.4	D
Activities & Labs	75 - 100 points	0 – 59.4	F
<b>Total</b>	<b>725 - 750 points</b>		

**How to get help:** Student may receive tutorial assistance from the instructor during office hours. Please come by for help or to talk about your grade. That is what I am there for! MPS Tutors are also available in S43. Students are strongly encouraged to make use of the tutorial help to succeed in this class. **Students who fall below 75% will be required to attend tutoring.**

**Other:**

- Anyone caught cheating on a test or quiz will receive an automatic 0 and be reported to the Dean of the PSME Division. Grades of 0 as a result of cheating will not be dropped or replaced at the end of the quarter. Those caught twice will be expelled from the class with a grade of F.
- Cell Phones and Beepers should be turned off or set to vibrate mode during class.
- Talking and other disruptions during class will not be tolerated.
- During group work, students should be discussing the math problems on the worksheet assigned.
- Other than a card, gifts from students cannot be accepted.

**See Calendar on Next Page**

**Math 114 Tentative Calendar Winter 2015**

	Monday	Tuesday	Wednesday	Thursday	Friday
<i>Week 1</i> <b>Jan</b>	15.1 5	15.1 6	5.2 – 5.3 7	5.6 <b>Bring Calculator</b> 8	Review 8.1-8.2 <b>Quiz 1</b> 9
<i>Week 2</i> <b>Jan</b>	8.3 12	8.4 <b>Quiz 2</b> 13	Rational App/12.1 14	12.2 15	12.2/12.3 <b>Quiz 3</b> 16
<i>Week 3</i> <b>Jan</b>	<b>Martin Luther King Holiday – no class</b> 19	12.3 20	12.5 <b>Quiz 4</b> 21	12.5/12.6 22	12.6 <b>Quiz 5</b> 23
<i>Week 4</i> <b>Jan</b>	12.8 26	12.8 / Review 27	<b>Exam 1</b> 28	10.1 29	10.1 30
<i>Week 5</i> <b>Feb</b>	10.3 2	10.3 <b>Quiz 6</b> 3	10.2 4	10.4 5	10.4/10.5 <b>Quiz 7</b> 6
<i>Week 6</i> <b>Feb</b>	10.5 <b>Exponential Lab</b> 9	11.1 <b>Quiz 8</b> 10	11.2 11	11.2 <b>Quiz 9</b> 12	<b>President's Weekend No Class</b> 13
<i>Week 7</i> <b>Feb</b>	<b>President's Weekend No Class</b> 16	11.3 17	11.3/11.4 <b>Quiz 10</b> 18	Review 19	<b>Exam 2</b> 20
<i>Week 8</i> <b>Feb</b>	11.4 23	11.5 <b>Quiz 11</b> 24	11.6 <b>Log App Lab</b> 25	Radical Application 13.4 26	13.5 <b>Quiz 12</b> 27
<i>Week 9</i> <b>Mar</b>	13.6 2	13.1 <b>Quiz 13</b> 3	13.1 4	13.2 5	13.3/15.3A <b>Quiz 14</b> 6
<i>Week 10</i> <b>Mar</b>	13.3/13.5B 9	14.1 <b>Quiz 15</b> 10	14.2 11	Review 12	<b>Exam 3</b> 13
<i>Week 11</i> <b>Mar</b>	14.3 <b>Fibonacci Lab</b> 16	14.3 17	14.4 18	14.4 19	15.3B <b>Quiz 16</b> 20
<i>Finals Week</i> <b>Mar</b>	Final Exam Review 23	No class Final Exams 24	No class Final Exams 25	<b>Final Exam 9:15 - 11:15 am</b> 26	No class Final Exams 27