

## **MATH 114 Intermediate Algebra Winter 2019**

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**Office hours:** TW 8:30 - 9 am and by appointment

### ***Prerequisite***

Math 212– Beginning Algebra or an equivalent course

### ***Text and Material***

Math 114 Course Packet – Intermediate Algebra Workbook – De Anza College

### ***Homework***

Homework is an essential component in any Math Class. Homework will be assigned for each chapter. It is student's responsibility to finish the homework and ask any questions in class. You will have online homework on a free website called [www.myopenmath.com](http://www.myopenmath.com). Details about signing up will be sent over in a separate email.

### ***Quizzes***

Quizzes based on homework will be given every week. **No makeup quizzes will be given.** These will be announced in class a day before.

### ***Exams***

Four exams will be given with no make-ups. If an exam is missed under extreme circumstances and for a very valid reason, an equivalent of the final score will replace the missing exam score. Tentative Exam Schedule is

*Exam # 1* – January 23<sup>rd</sup>

*Exam # 2* – February 12<sup>th</sup>

*Exam # 3* – March 6<sup>th</sup>

### ***Final Exam***

A two-hour final exam will be given. A student who misses the final exam and does not contact the instructor will receive an F in the course. It is student's responsibility to keep track and up to date with the final exam date and time. No repeated emails will be sent.

***Final Exam: March 25<sup>th</sup>, Monday 7 – 9 am***

### ***Class Work, Group Work and Extra Credit Work***

There will be some in class work, group work that needs to be turned in should be neatly organized and clearly written. All the work must be stapled properly and must be submitted with clean edges. (No ragged edges please!)

### ***Review Quizzes***

There will be mid chapter review quizzes which help in preparing for the chapter exams. **No make-ups are given for missed review quizzes.** These will be announced in class a day before.

### ***Attendance***

You are expected to attend all classes, arrive on time and stay for the entire class. Regular attendance is essential for success in math class. Late arrival or early departures are disruptive. The instructor may drop you if you miss two consecutive classes in the first two weeks. If you wish not to attend the class anymore then it is your responsibility to drop the class. If you stop attending but do not drop you will fail with a grade of F.

**Discipline**

- Students, at all times, should keep their cell phones, beepers and other noise making devices in either switched off mode or in silent mode and keep them inside.
- Any visible cell phone during a test or quiz will result in a zero for that test or quiz, which cannot be made up.
  
- No talking in between the students is tolerated while the lecture is going on. You will be given time to ask any questions you have regarding the material through out the class. Make use of the time to clear any questions you have.
- Students disregarding classroom rules or disrupting the class will be asked to leave the room and may not re-enter with out the instructor’s permission. De Anza College will enforce procedures set forth in the Student Standard of Conduct (see class schedule) and the appropriate remedial and/or disciplinary steps will be taken when violations occur.

**Personal Integrity**

I expect all students to do their own work unless other wise specified by the instructor. If there are any problems, the student/students will be sent directly to the division Dean. Your instructor has the right to assign a grade “F” for blatant infractions. If you have any questions, please consult the college schedule under “Academic Integrity”. Please, let us have no problems in this area.

The key to success in any mathematics course is working homework – lots of it. Just doing the assignments will not be enough; you should **work more problems for practice**, in particular the problems for which the book provides answers to check your work. In addition, consult the Student Solutions Manual, containing worked solutions.

For extra help, don’t hesitate to visit the instructor during **office hours** or make an appointment. Make use of the **Math and Science Tutorial Center in S-43**

**Grading Scale:**

- A 90%-100%
- B 80%-89%
- C 70%-79%
- D 60%-69%
- F Under 60%

Item	Points
Exams 3 @ 100 points each	300
Quizzes 5 @15 points each	75
Review Quizzes 5 @5 points each	25
Group and In class work	25
Online Homework	100
Final Exam	150
Total Points	675

	<i>Monday</i>	<i>Tuesday</i>	<i>Wednesday</i>	<i>Thursday</i>	<i>Friday</i>	<i>Week</i>
<i>January</i>	<b>7</b> <i>Introduction</i> <i>Sec 1.1, 1.2</i>	<b>8</b> <i>Sec</i> <i>1.3,1.4</i>	<b>9</b> <i>Sec 1.5,2.1</i>	<b>10</b> <i>Sec</i> <i>2.2,2.3</i>	<b>11</b> <i>Quiz # 1</i> <i>Sec 2.3</i>	<b>1</b>
	<b>14</b> <i>Sec 2.4, 3.1</i>	<b>15</b> <i>Sec</i> <i>3.1,3.2</i>	<b>16</b> <i>Quiz # 2</i> <i>Sec 3.2</i>	<b>17</b> <i>Sec</i> <i>4.1,4.2</i>	<b>18</b> <i>Quiz # 3</i> <i>Sec 4.1</i>	<b>2</b>
	<b>21</b> <i>Holiday</i> <i>Martin</i> <i>Luther King</i>	<b>22</b> <i>Review</i>	<b>23</b> <i>Exam # 1</i> <i>Ch 1 - 4</i>	<b>24</b> <i>Sec 5.1</i>	<b>25</b> <i>Sec 5.2,</i> <i>5.3</i>	<b>3</b>
<i>February</i>	<b>28</b> <i>Sec 5.3,5.4</i>	<b>29</b> <i>Quiz # 4</i>	<b>30</b> <i>Sec 6.1,6.2</i>	<b>31</b> <i>Sec 6.2</i>	<b>1</b> <i>Quiz # 5</i> <i>Sec 6.3</i>	<b>4</b>
	<b>4</b> <i>Sec 7.1</i>	<b>5</b> <i>Sec 7.2</i>	<b>6</b> <i>Sec 7.3</i>	<b>7</b> <i>Sec 7.4,</i> <i>7.5</i>	<b>8</b> <i>Review</i>	<b>5</b>
	<b>11</b> <i>Sec 8.2</i>	<b>12</b> <i>Exam # 2</i>	<b>13</b> <i>Sec 8.1</i>	<b>14</b> <i>Sec 8.2</i>	<b>15</b> <i>Holiday</i> <i>President's</i> <i>weekend</i>	<b>6</b>
	<b>18</b> <i>Holiday</i> <i>President's</i> <i>weekend</i>	<b>19</b> <i>Sec</i> <i>9.1,9.2</i>	<b>20</b> <i>Sec 9.2,9.3</i>	<b>21</b> <i>Sec 9.5</i>	<b>22</b> <i>Sec 9.6</i>	<b>7</b>
<i>March</i>	<b>25</b> <i>Quiz # 6</i> <i>Sec 10.1</i>	<b>26</b> <i>Sec 10.1</i>	<b>27</b> <i>Sec 10.2</i>	<b>28</b> <i>Sec</i> <i>10.3,10.4</i>	<b>1</b> <i>Sec</i> <i>10.4,10.5</i>	<b>8</b>
	<b>4</b> <i>Sec 10.5</i>	<b>5</b> <i>Review</i>	<b>6</b> <i>Exam # 3</i>	<b>7</b> <i>Sec 11.1</i>	<b>8</b> <i>Sec 11.2</i>	<b>9</b>
	<b>11</b> <i>Sec 11.3</i>	<b>12</b> <i>Quiz # 7</i>	<b>13</b> <i>Sec 12.1</i>	<b>14</b> <i>Sec 12.2</i>	<b>15</b> <i>Sec 12.3</i>	<b>10</b>
	<b>18</b> <i>Sec</i> <i>12.3</i>	<b>19</b> <i>Review</i> <i>Exam</i>	<b>20</b> <i>Review</i>	<b>21</b> <i>Review</i>	<b>22</b> <i>Review</i>	<b>11</b>
	<b>25</b> <i>FINAL</i> <i>EXAM</i>	<b>26</b>	<b>26</b>	<b>27</b>	<b>28</b>	<b>12</b>

**Student Learning Outcome(s):**

\*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.