DE Anza College   Fall 2019   Intermediate Algebra
M W 1:30 pm – 3.45 pm

Course	Math114.20 & 114.24
Instructor	Mrs. Nirmala Janak
e-mail	**janaknirmala@fhda.edu**
Classroom	**MCC-10**
Office Hours	Monday, Tuesday, Wednesday & Thursday 1pm-- 1.30 pm & 3.30-4pm
Room	TBA

Course Description: Application of exponential and logarithmic functions, rational functions, and sequences and series to problems. Emphasis on the development of models of real world applications and interpretation of their characteristics.

Course Text : Intermediate Algebra for college students, 5th edition, by Blitzer, published by Pearson Education, 2009. (CHAPTERS: (Chapters 1, 4, 6, 7, 9, 10, 11 from the textbook)

 Student's Responsibilities: PLEASE READ THOROUGHLY THE BELOW INSTRUCTIONS.

***** You need to bring to the class, these following (see below) ….on a daily basis **without fail.**.

1) Textbook ; 2) Scientific(or graphing) Calculator; 3) Writing material (pen/ pencil/loose-leaf papers) every day to the class. If I see any day that you did not bring any of them (I do not point out but I note down the names, and points will be deducted from your class activities (HW/Bonus) Points. For each one of them one point is deducted.

Note: Please see the instructions below for submitting HW problems..

a). Only loose leaf papers MUST be used for HW. **NOT A NOTEBOOK** . LOOSE LEAF PAPERS WITH HW WILL BE GRADED. ANY OTHERS ARE REJECTED.

b) Staple HW separately and submit. UNSTAPLED PAPERS ARE NOT CONSIDERED. It is useful to have a SMALL STAPLER throughout the course.

c) Student's Name, number of the HW assignment (HW-1, HW-2 etc) and Date need to be mentioned and highlighted on the top of the HW ASSIGNMENT..

d) Upon entering the class, HW is needed to be kept on the table, and by the end of the class it will be graded and given it back to the student on the same day.

e) Homework problems are given at the end of each class. . It is the student's responsibility to do them without fail, and the students are given questions from that HW, at the beginning of next class for extra points. (we will discuss more about this at the beginning of the first class) .

g) Students are encouraged to meet the instructor one-on-one, during the office hours, for help on the topics the student did not understand in the class. The missed topic (because of the absence) **will not be re-taught** by the instructor in that help session during office hours..

**Cell phones should be switched off before entering the class and the STUDENT SHOULD NOT use a cellphone AS a CALCULATOR AT any time. . If the cell phone is on, and if it is used for any purpose, it will be taken away

for the entire class, and point will be deducted from the student's earned class activity scores (HW/BONUS) before giving it back to the student at the end of the class..

ATTENDANCE
Attendance is strongly emphasized.

- When you are absent, it is your responsibility to get the notes from other students who attend this same class. **Your classmates are your great resource**. Please exchange contact numbers and emails with each other. If you need to LEARN AND UNDERSTAND the topic you MISSED BECAUSE OF YOUR ABSENCE, I strongly advise you to go to math lab immediately the following day (student tutoring center) for help and learn.

- Note: QUIZZES OR TESTS are **NOT** made up, even if it is an excused absence

- **(EXCUSED ABSENCE =** Intimating the reason of the absence, before the absence, to the Instructor through email)

- No one leaves the class in the middle at any time, **UNLESS** the student had already got permission from the Instructor. Every student is expected to stay till the end of the class.

- If a student is tardy he/she will lose bonus points

Note: Attending the First day of the class is Mandatory. If you are absent you will be dropped.

GRADING:

Grading is done in the following categories.

1. **CLASS WORK: (10 points)** Notes is given on a daily basis on the topics that are taught. A Notebook will be checked at the end of the quarter on the final exam day.

2. **Participation points are given= 10 points**

3. **HOMEWORK Check: (3 points each; (10. 3 = 30 points):** On each WEDNESDAY(*at the beginning of the class*) HW will be graded and given it to you back in the same class. HW is worth 3 points every week, for total of 10 HW grades. If you are absent any day you will be given chance to show the missed HW in the next class for points (not later than that), only if it is an excused absence.

4. **QUIZZES: (20 points each ; 5 quizzes (5. 20 = 100 points)** Quizzes are given on some Wednesdays at the beginning of the class, 15- 20 min. If you are late to the class, you lose the time. No extra time is given. **A total of 5 quizzes** are given **If you are absent on a quiz day, that would be your lowest score. NO quiz is dropped.**

5. **MID-TERM TESTS (3): (3 TIMES 100 = 300 POINTS):** Three Mid term Tests are given in this quarter. See the tentative schedule below. A consideration is given when you are absent for ONE MID - TERM TEST **under emergency situations** (proof is needed). In such cases, The final exam score will be taken in place of that one missed test. ONLY ONE TIME that kind of consideration is given. You need to be present for the rest of the tests.

6. **FINAL EXAM: (200 points)** There will be a comprehensive final exam on the last day we meet. See the tentative schedule below. You **must take** the final exam to pass the course.

****Optional (Bonus) Points: Some chances are given to earn extra points.**

Note: We will discuss about the Class Notebook and Participation Points on the first day of the class.

Letter Grade: Course grades will be determined on a standard scale at the end of the quarter. **(Total- 650 Points)**

[387 - 419] = D   [420 - 451] = D+   [452 - 485] = C
[60% - 65%) = D   [65% - 70 %) = D +   [70% - 75%) = C

[486 - 516] = C+   [517 - 549] = B   [550 - 581] = B+
[75% - 80%) = C+   [80% - 85%) = B   85% - 90%) = B+

[582 - 614] = A   [615 - 650] = A+   < 387 = F;   Below 60% = F
[90% - 95%) = A   [95% - 100%] = A+

Category	Description	Points
1. Homework Problems (Not just answers. Show work)	HW is checked on **every Wednesday**. **Need to submit as you enter the class.** Max of 10 HW. Each is worth 3 points (10 * 3= 30)	30
2. Participation Points	Answering the questions (10 * 1 = 10)	10
3. Notebook	Submit the complete notebook on the final exam day	10
4. Quizzes **15- 20 min**	**Wednesday : 1.30 pm- 1.45pm (5 . 20 = 100)**	100
5. .Mid-Term - 1	**(Wednesday) - 1.30 pm - 2.20 pm (50 min)**	100
6. .Mid -Term - 2	**(Wednesday) - 1.30 pm - 2.20 pm (50 min)**	100
7. . Mid Term - 3	**(Wednesday) - 1.30 pm - 2.20 pm (50 min)**	100
8. Final exams	**2 hours.**	200
Total points	--	**650**

Tentative Schedule:

Week 1: (1.1 & 1.2) ;   (1.6 & 1.7)
                                           HW - 1   (1.1 & 1.2)

Week 2:   (4.2 & 4.3)   6.1
                                           HW - 2   (1. 6. 1.7, 4.2 & 4.3)

Week : 3   (6.1 & 6.2)   (6.3 & 6.4)
                                           HW - 3   (6.1& 6.2)

Week : 4   (6.6 & 6.7)   6.8
                                           HW - 4   (6.3 & 6.4)

Week : 5   (7.1 & 7.2)   (7.3 & 7.4) **HW - 5   (6.6, 6.7 & 6.8)**

Week : 6 (7.5)   (7.5 & 7.6)
                                                     HW - 6   (7.1,7.2, 7.3)

Week : 7   (9.1 & 9.2)   (9.3 & 9.4)
                                                     HW - 7   (7.4, 7.5 & 7.6)

Week : 8 : (9.5 & 9.6)   (10.1 & 11.1)
                                                     HW - 8   (9.1, 9.2& 9.3)

Week : 8   (11.2 & 11.3)   (11.3)
                                                     HW - 9   (9.4, 9.5 & 9.6)   (Mar 8th)

Week : 9   (11.3 & 8.3)   (11.2 & 11.3)
                                                     HW - 10: (10.1, 11.1, 11.2 & 11.3)

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Quiz- 1; 1st chapter   Quiz- 3 (6.6, 6.7 & 6.8)   Quiz- 5 (7.5, 7.6, 9.1 & 9.2)
Quiz- 2; 6.1-6.4   Quiz- 4 (7.1, 7.2, 7.3 & 7. 4) Optional Quiz- 6 (9.3, 9.4, 9.5 & 9.6)

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Test 1 : 1st and 4th   **Test-3 (6th & & 7.1-7.3)**   **Test-3 (7.4-7.6 & 9th**
(chapters)   **chapters)**   **chapters**

******NOTE: Instructor reserves the right to change the schedule as and when necessary.

Getting Help: In addition to coming to office hours, you can get help at the _Math, Science & Technology Resource Center (MSTRC)_ in S43. They are open M-Th 8:30am – 6:30pm and F 8:30am – 12:30pm.

- **Cheating Policy:** Any student caught cheating on a quiz or an exam will receive 0 points on that quiz or exam. The same holds for any student who allows another student to cheat.

- **College Policies:** Students _can not_ take the same class more than three times for a grade, _including W_. Late adds and late drops _will not_ be processed.

Important Dates:

SEP 23
First day of fall quarter.   **OCT 18**   Last day to request "Pass/No Pass" for 12-week classes

OCT 5
 Last day to add classes.   **NOV 11** Veterans Day holiday: Campus closed

OCT 6
 Last day to drop classes for full refund or credit.   **NOV 12** Registration opens based on Priority Registration group

OCT 6   Last day to drop classes without a W   **NOV 15.** Last day to drop classes with "W"

MY SCORES

I. HW Points: 3 points each Wednesday;

WED	WED	WED	WED	WED	WED	WED	WED	WED	WED	Total
										/ 30

II. 10 Participation Points: (I sign the slot)

										Total /10

III. Quizzes: 5 quizzes; 20 points each: Put your score under the quiz;

Quiz- 1	Quiz- 2	Quiz- 3	Quiz- 4	Quiz - 5	Total
/ 20	/ 20	/ 20	/ 20	/ 20	/ 100

IV. Midterm Tests: 3 Midterm tests each is 100 points:

Test - 1	Test - 2	Test- 3	Total - 300 Points
/ 100	/ 100	/ 100	/300

****Bonus Points: (HWQ)(will be replaced for your ONE lowest quiz score) : **Max: 20 points I sign the slot.**

ALL THESE points ARE OUT OF **450 POINTS, before going into final exams, which is 200 points.**

STUDY WELL AND DO WELL!! THE SUCCESS DEPENDS ON YOUR HARD WORK !! ALL THE BEST!!

<u>Student Learning Outcome(s):</u>

*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.