
“Every strike brings me to my next home run.” – Babe Ruth

Math 114-MP4

Intermediate Algebra, CRN 34875.

Final Exam: Tues., Mar. 28th at 1:45 pm - 3:45 pm

Winter 2017

MTWTH 1:30 pm – 3:45 pm, room E36

Instructor: Ricardo Delgado

**E-Mail: delgadoricardo@fhda.edu

Phone: (408) 864-5779

Office: F-31F

Office Hours: M-TH: 9:30 am – 10:30

am, 3:45 pm-4:30 pm, some Fri/SatTBA

** Preferred contact method

Student Learning Outcomes

Upon completion of this course, students will be able to:

1. Evaluate real-world situations and distinguish between and apply exponential, logarithmic, rational, and discrete function models appropriately.
2. 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.

Grading

Your final grade will be based on the following weighted averages:

- Cumulative Final Exam = 25%
- Exams = 40% (4, based on HW, class lecture, and quizzes)
- Quizzes = 20% (based on HW, community and solo)
- Homework = 5%
- Special Projects = 10%

Homework

- Assigned most class meetings
- Quizzes and exams based on all HW problems

Attendance/Exams

- All class meetings are mandatory, no exceptions. Roll will be taken. After accruing five unexcused absences, you will be dropped. Lack of attendance, leaving before class ends, or coming in late is

Materials

- Intermediate Algebra for College Students by Robert Blitzer, 7th edition
ISBN:9780134178943
- Scientific Calculator only

Prerequisite

Qualifying score on the Math Placement Test within last calendar year; or Mathematics 212 or equivalent with a grade of C or better.

Math, Science, and Technology Resource Center (tutoring center for any De Anza Student)

(408) 864-8683

Hours: M-TH 9:00 AM to 5:00 PM

F 9:00 AM – 12:00 PM

Important Dates Winter 2017- See below

Approximate Coverage by Section

Week 1 – Exponential Expressions (1.6), Scientific Notation (1.7)

Week 2 – Linear Inequalities (4.1), Compound Inequalities (4.2), Absolute Value Equations (4.3)

Week 3 – Absolute Value Inequalities (4.3), Review of

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considered disrespectful and as such, I will take serious note. Prior notice by way of e-mail is **required** if you must be absent.

- If you choose to not continue in the class, you must drop yourself. If you are still on my roster at the end of the quarter and you stopped attending, I must give you an F.
- Tentative exam dates will be given the first day of class. I will give you ample notice if I have to change the dates of the exams for whatever reason.
- Here they are for your reference: **Exam 1 – Thursday, Jan. 26th; Exam 2 – Thursday Feb. 16th; Exam 3- Thursday, Mar. 9th; Exam 4 – Tues. Mar 21st**
- You are required to attend all assessments and there will be no makeup quizzes or exams. I drop the lowest two quiz scores.
- Be respectful to your fellow students and to me at all times during class. Please, please, *please* be on time and do not leave early unless you have talked to me beforehand and do not talk during lecture.
- The final exam must be taken during the specified time and if you cannot take the exam during the time, please find another instructor.
- You are required to pre-read sections and work through text examples prior to coming to class. Consider this practice mandatory HW every day.

Additional Information

- Grading Scale –In interval notation

A+: (95-100%]

A: {95%}

A -: [90-95%)

B+: (85-90%)

B: {85%}

B-: [80-85%)

C+: [75-80%)

C : [70%-75%)

D: [60-70%)

F- [0-60%)

- **Accommodations for Students with Learning Differences**

If you need accommodations for being successful for this class (e.g. note-taker, test-taking services, special furniture, use of a service animal, sign language interpreter, etc.) please contact the Disability Support and Services (DSS) Department (408) 864-8753 as soon as possible. Contact the DSS if you are feeling

Factoring (5.6), Rational Expressions, Multiplying and Dividing (6.1)

Week 4 – Adding and Subtracting Rational expressions (6.2) , Complex Fractions (6.3)

Week 5 – Division of Polynomials (6.4), Rational Equations (6.6), Formulas and Applications of Rational Equations (6.7)

Week 6 – Modeling using variation (6.8), Radical Expressions and Functions (7.1), Rational Exponent (7.2)

Week 7 – Multiplying and simplifying radical expressions (7.3), Adding, subtracting and dividing radical expressions (7.4), Rationalizing the denominator and multiplying by more than one term (7.5)

Week 8 – Radical Equations (7.6), Exponential Functions (9.1), Composite and Inverse Functions (9.2) –

Week 9 – Logarithmic functions (9.3), Logarithmic Properties (9.4), Solving exponential and logarithmic functions (9.5)

Week 10 – Distance and Midpoint formulas, circles (10.1), Sequences and summation notation (11.1)

Week 11 – Arithmetic sequences (11.2), Geometric Sequences (11.3) –

Week 12 – Final Exam: Mar. 28th, 1:45 pm – 3:45 pm, room E-36 (our classroom)

Network, Network, Network!

Find a student in class who can be a resource for you! Comparing notes is a great way to study, as different viewpoints can often yield more efficient study results. Obtain contact information to catch up in case you are sick.

Learning Math

Study groups work! Recopying your notes every day works! Spending a little time everyday going through the next section's examples works! Teaching someone else works! Making study guides works! Writing your own quizzes and exams works!

overwhelmed and need someone to talk to and contact the Educational Diagnostic Center (EDC) at (408) 864 -8839 if you are having trouble learning in any of your classes.

■ Cell Phone Policy

Please alert anyone in your personal life that you have class on MTWTH 1:30 pm – 3:45 pm and you are unavailable during this time. If you have a sick parent, child, etc. or some other unfortunate circumstance that requires you to always have your phone on, please see me so that I may excuse you from the cell phone policy.

Academic Dishonesty

No cheating. Enough said. If it feels like cheating, it probably is. Nothing is worth risking the privilege of attending De Anza College. I will take serious action

Class Conduct

Be respectful to your fellow students and to me at all times during class. Please, please, *please* be on time and do not leave early unless you have talked to me beforehand and do not talk during lecture. Talk as much as possible during collaborative activities. The final exam must be taken during the specified time and if you cannot take the exam during the time, please find another instructor.

Note: Instructor has the right to change the syllabus as necessary.

Important Winter 2017 De Anza College Dates

Monday, Jan. 9 :: First day of Winter Quarter 2017.

Saturday, Jan. 21 :: Last day to add quarter-length classes. *Add date is enforced.*

Sunday, Jan. 22 :: Last day to drop for a full refund or credit (quarter-length classes). *Drop date is enforced.*

Sunday, Jan. 22 :: Last day to drop a class with no record of grade. *Drop date is enforced.*

Friday, Feb. 3 :: Last day to request pass/no pass grade. *Request date is enforced.*

Friday, March 3 :: Last day to drop with a "W." *Withdraw date is enforced.*

Monday, Jan. 16 :: Holiday: Observance of Martin Luther King's Birthday

Friday-Monday, Feb. 17-20 :: Holiday: Presidents' Day Weekend (no classes)

March 27-31:: Final Exams