

De Anza College, Fall 2017  
Math 114 – Intern. Alg, sec. 29  
Lecture: Room G1  
MW: 4:00 – 6:15 PM

Instructor: Huong Le  
Office hours: MW, 8:45 – 9:30 PM in room G10  
Email: [lehuong@fhda.edu](mailto:lehuong@fhda.edu)

**Prerequisite:** Math 212 or an equivalent course.

**Student Learning Outcomes (SLO's):** Upon successful completion of the course, students will be able to:

- 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.

**Materials:**

- Use of **WebAssign** (<http://www.webassign.net>) **is required** in this course. You will submit your homework online using WebAssign. To access the homework assignments on WebAssign, you must purchase the access code, either from De Anza book store or directly from the publisher's website, and self enroll. Got to <http://www.webassign.net>, click on "I Have a Class Key," enter the **class key: deanza 9724 6746**, and follow instructions on the screen.
- **Textbook** (optional): Intermediate Algebra by Clark and Anfinson, 2012 ed. Note: Webassign access code comes with an e-book in PDF format.
- **Scientific calculator** is required (graphing calculator is recommended).

**Grading:**

- **Homework (10%):** Submitted online through WebAssign.
- **Quizzes (10%):** Quizzes are open notes and unannounced ahead of time. Quizzes can be given on any class day and at any time.
- **Exams (55%):** There will be 4 midterm exams The midterm with the lowest score will be replaced with your final exam score if that improves your grade. You may be asked to show a photo ID when taking each exam.
- **Final Exam (25%):** Final exam is comprehensive and **must be taken on the scheduled date and time**. If you miss the final exam, you will receive and "F" as your final course grade. You may be asked to show a photo ID when taking the final exam.

A+	97 – 100%	B	81 – < 87%	D+	67 – < 69%
A	91 – < 97%	B-	79 – < 81%	D	61 – < 67%
A-	89 – < 91%	C+	77 – < 79%	D-	59 – < 61%
B+	87 – < 89%	C	69 – < 77%	F	< 59%

**Make-ups:** You're allowed to make up one exam (except the 4<sup>th</sup> and final exam) with 5% penalty. Make-up quizzes are allowed.

**Attendance:** Daily attendance is crucial to your understanding of the materials. It is essential that you attend class and actively participate in order to succeed in this course and your future math courses. If you are absent the first week of class and you do not contact me to explain your absence, I may drop you from the course. I may also drop you from the course if you miss more than 4 consecutive class days. However, if you have

decided to stop attending class, do not assume that I will drop you. It is your responsibility to file the necessary paperwork with Admission and Records to drop the class. A student who discontinues coming to class and does not drop will get an **F** grade. **I usually take attendance at the beginning of class so please come to class on time.**

**Important dates:** For information on dates and deadlines, visit <http://www.deanza.edu/calendar/falldates.html>  
For information on final exam schedules, visit <http://www.deanza.edu/calendar/finalexams.html>

**Accessibility Accommodations:** If you have a documented disability and wish to discuss academic accommodations, please contact Disability Support Services (<http://www.deanza.edu/dss/>) as soon as possible. Students with disabilities needing accommodation should speak with the Accessibility Services. For information or questions about eligibility, support services or accommodations to disability (physical or learning disability) see contacts below:

Disability Support Service (DSS): Student Services Building (408) 864-8753; TTY 408) 864-8753  
Educational Diagnostic Center (EDC): Learning Center West 110; (408) 864-8839 Special Education Division: 864-8407; [www.deanza.edu/specialed](http://www.deanza.edu/specialed).

**Academic Dishonesty policy:** Incidents of cheating are taken very seriously in the Math Department at De Anza college. Cheating is absolutely forbidden. Looking at someone else's exam/quiz, helping another student during an exam, talking to anyone except me during an exam/quiz, or using cell phone or an external source of information for which you are not explicitly given permission, is considered cheating and will result in an F grade for the assignment. Cheating incidents will also be reported to the Dean of PSME and Dean of Students.

**Electronic Devices - cell phones, laptops, iPads, iPods, etc. (These are major distractions in the classroom):**

- Please silence all cell phones or turn them off when in class. If you need to use your phone because of an emergency, please quietly step out of class.
- Please do not use laptops or cell phone during lectures. If you have to use any electronic device as a note-taking device, please let me know. Otherwise, they should not be visible during lectures.
- Please do not listen to music during class.

**If you consistently fail to follow any of the rules above, I will not hesitate to call on you and embarrass you in front of the class, or I will ask you to leave class.**

**Additional Notes:**

- It is your responsibility to keep up with the lectures and take notes. If you miss class, you are responsible to learn the materials on your own.
- On test day, you may be assigned a seat different from the one you are used to sitting in. During exams, I may walk around and look at your desk. Please do not let this bother you.

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**Sections to be covered:** 2.5, 3.1(Rational Exponents), 3.3, Review 3.4&3.5 (Factoring), 5.1 – 5.5 (Exponential Functions), 6.1 – 6.6, 7.1 – 7.5, 8.1 – 8.4, 9.1 – 9.5, Appendix A (Scientific notation)

Optional Topics: Composing Inverses, Long Division and Synthetic Division

## Tentative Schedule

Week 1 (9/25 – 9/29): sec. 2.5, Appendix A (Scientific Notation), 3.1 (Rational Exponents & Review Properties of Exponents)

Week 2 (10/2 – 10/6): sec. 3.4 & 3.5 (Review Factoring), 7.1, 7.2

**Sunday 10/8 – Last day to drop with no grade recorded and for a refund**

Week 3 (10/9 – 10/13): sec. 7.3, 7.4,

**Wednesday, 10/11 – Exam #1**

Week 4 (10/16 – 10/20): sec. 7.5, 3.3, 6.1,

**Friday, 10/20 – Last day to request pass/ no pass option**

Week 5 (10/23 – 10/27): sec. 5.1, 5.3, 5.4, 5.5

Week 6 (10/30 – 11/3): sec. 6.2, 6.3, 6.4

**Wednesday, 11/1 – Exam #2**

Week 7 (11/6 – 11/10): sec. 6.5, 6.6, 8.1

Week 8 (11/13 – 11/17): sec. 8.2, 8.3, 8.4

**Friday, 11/17 – Last day to drop with a “W”**

Week 9 (11/20 – 11/24): sec. 9.1, 9.2

**Wednesday, 11/23 – Exam #3**

Week 10 (11/27 – 12/1): sec. 9.3, 9.4

Week 11 (12/4 – 12/8): 9.5

**Wednesday, 12/6 – Exam #4**

Week 12 (12/11 – 12/15): Finals Week

**Wednesday, 12/13 – Final Exam (4 – 6:00 PM)**