

**Math 114: College Algebra (TIKT#: 20438)**  
**9:30 – 11:30 AM (PS 12)**  
**Cerritos College**  
**Fall Semester 2009**

**Professor:** Dr. Mojdeh Nikdel  
**Office:** Physical Science Building (PS-G)  
**Office hours:** M, W: 9:00 - 9:30 AM, M, W: 1:30 - 2:00 PM, TH: 12:30 - 1:30 PM  
**Phone:** 562-860-2451, Ext. 2674  
**Email:** [mnikdel@cerritos.edu](mailto:mnikdel@cerritos.edu)  
**Web page:** [www.Cerritos.edu/mnikdel](http://www.Cerritos.edu/mnikdel)

**Prerequisite:** Math 80 (or Math 80B) or equivalent with a grade of Credit or “C” or higher or satisfactory completion of the Math Placement Process.

**Text:** *College Algebra with Graphing Technology*, Second Edition; Demian, Carreon

**SLO:** After completing Math 114 the student will be able to

- Explore and analyze linear, non-linear and transcendental functions using technology appropriately.

**Calculator:** A graphing calculator will be required for this course. A Texas Instruments calculator (TI 84-plus, 84, or 83) is strongly recommended.

**Grades:** Grades will be assigned on the basis of 660 points distributed as follows:

|            |                                       |
|------------|---------------------------------------|
| 100 points | First exam (15% of the course grade)  |
| 100 points | Second exam (15% of the course grade) |
| 100 points | Third exam (15% of the course grade)  |
| 80 points  | Home-work (12% of the course grade)   |
| 80 points  | Quizzes (12% of the course grade)     |
| 200 points | Final exam (31% of the course grade)  |

Final course grades will be assigned as follows:

|         |          |         |          |
|---------|----------|---------|----------|
| 660-594 | <b>A</b> | 593-528 | <b>B</b> |
| 527-462 | <b>C</b> | 461-396 | <b>D</b> |
| 395-0   | <b>F</b> |         |          |

*It is not only the instructor's responsibility but the student's responsibility as well to keep track of all grades given. If the student wishes to consult*

with the instructor about his/her grade, please bring a copy of your records with you.

**Home-works:** The problems for each section will be given in class. In general, answers only are not acceptable. You do not need to copy every problem down but sufficient information should be given as to what the problem is about. During the first few minutes of class, students should list (on the board) the number of any homework problems about which there are questions. Some or all of these problems will be discussed, or worked in groups. Each problem set worth 10 points for a total of 80 points. Your homework should be stapled. **NO LATE HOMEWORK.**

**Quizzes:** There will be *eight* 10 point quizzes given on the dates listed on page 4. **No Makeup Quizzes.**

**Exams:** There are three midterm exams and a comprehensive final examination. Any cheating will result in a zero on the test and if, necessary, further administration action. There are **NO MAKEUPS.** Grades may be adjusted to account for one missed exam if you talk to me in advance or call me (at my office) prior to the date and time that the exam is given.

**Classroom Conduct:** Class time is valuable. I expect you to be focused on the work of the class during class time. While the structure of the class may be more informal at times, I still expect your best effort and participation. At all times a student's conduct/language is expected to be **respectful** of other students and the instructor. All electronic devices such as cell phones, pagers, etc. must be turned OFF or put in non-audio (vibrate) mode while you are in the classroom. Classroom behavior which is not respectful or which disrupts another student's ability to learn can result in the removal of the student from the class.

**Student Responsibility:** Being a student is a full-time job. It is each student's *job* to learn. With this job, the student has the responsibility to participate in class, ask relevant questions, seek help when needed, and submit assignments when they are due. Expect to spend two or four hours of study outside of class for each hour in class.

**Attendance:** Students must realize the importance of attending class and assume that responsibility. Should a class be missed the student should arrange with another student (not the instructor) to find out what was missed. If emergency situations arise and attendance is no longer possible, the student should withdraw officially through the admissions office. When the hours of absence exceed one more than twice the number of class hours per week, the students are considered to be excessively absent and are subject to exclusion from class. For the summer, a student is considered excessively absent and are subject to exclusion from class when the hours of absences exceed ten (10%) percent of the total class hours.

**Tutoring:** Tutors are available for help with specific problems in the Academic Support Center, LC 168. To get this free help, you have to register for **AED 90.91: 0.0 units - Mathematics – Tutorial (Class # 23036)**

**M-TH: 7:30 am – 9 pm**  
**F: 7:30 am – 3:00 pm**  
**SAT: 9 am – 4:00 pm (in PS 20)**  
**(Hours may be subject to change)**

**TENTATIVE LECTURE SCHEDULE (Subject to Change)**

| <b>DATE</b> | <b>SECTIONS</b>         | <b>DATE</b> | <b>SECTIONS</b>      |
|-------------|-------------------------|-------------|----------------------|
| M 8/17      | 1.1; 1.2                | W 8/19      | 1.3; 1.4             |
| M 8/24      | 1.4; 1.5; <b>Q1; H1</b> | W 8/26      | 1.6; 1.7             |
| M 8/31      | 2.1; 2.2; <b>Q2; H2</b> | W 9/2       | 2.2; 2.3; 2.4        |
| M 9/7       | <b>LABOR DAY</b>        | W 9/9       | 2.4; 2.5; <b>Q3</b>  |
| M 9/14      | <b>REVIEW</b>           | W 9/16      | <b>EXAM 1; H3</b>    |
| M 9/21      | 3.1; 3.2                | W 9/23      | 3.3; 3.4             |
| M 9/28      | 3.5; 3.6                | W 9/30      | 3.7; <b>Q4; H4</b>   |
| M 10/5      | 4.1; 4.2                | W 10/7      | 4.2; 4.3             |
| M 10/12     | 4.3; 4.4                | W 10/14     | 4.4; <b>Q5</b>       |
| M 10/19     | <b>REVIEW</b>           | W 10/21     | <b>EXAM 2; H5</b>    |
| M 10/26     | 5.1; 5.2                | W 10/28     | 5.3; 5.4; 5.5        |
| M 11/2      | 5.5; 5.6; <b>Q6; H6</b> | W 11/4      | 6.1; 6.2             |
| M 11/9      | 6.3; 6.4                | W 11/11     | <b>VETERAN'S DAY</b> |
| M 11/16     | 7.1; 7.2                | W 11/18     | 7.3; 7.4; <b>Q7</b>  |
| M 11/23     | 7.5; 7.6                | W 11/25     | <b>REVIEW</b>        |
| M 11/30     | <b>EXAM 3; H7</b>       | W 12/2      | 8.1; 8.2             |
| M 12/7      | 8.3; 8.4                | W 12/9      | <b>REVIEW; Q8</b>    |
| M 12/14     |                         | W 12/16     | <b>FINAL EXAM</b>    |

**COMPREHENSIVE FINAL EXAM  
WEDNESDAY 12/16; 10:00 AM -12:00 PM  
YOU MUST TAKE THE FINAL EXAM TO  
PASS THIS COURSE.**

**REMARKS:**

- Instructor-initiated adds
- Last Day to Add
- Last Day to Drop to be eligible for Refund
- Last Day to Drop without a "W"
- Last Day to Drop with a "W"
- Final Exams

August 24-28, 2009  
August 28, 2009  
August 28, 2009  
September 18, 2009  
November 20, 2009  
December 12-18, 2009