

CHAMINADE UNIVERSITY of HONOLULU

MA 103 : Fall 2014 :

Instructor: Sheryl Dohm HH123D

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Office hours: Tuesdays 11-12

TEXTBOOK Blitzer, Algebra for College Students, 7th ed. Prentice Hall. ISBN 9780321758927

COURSE DESCRIPTION. Algebra knowledge and skills for college studies: Sets and real number system; exponents and polynomials, rational and radical expressions; equations and inequalities with applications, including rational and radical equations, and systems of equations; introductions to analytic geometry and functions; exponential and logarithmic functions; the binomial theorem and integer functions. Fulfills Track B general education requirement in mathematics. MA103 may be used as a preparative course for the precalculus/ calculus sequence required for degrees with upper division math requirements, such as biology, forensic sciences and biochemistry. Not open to students with credits in MA 110, MA 210, or other higher numbered mathematics courses. Offered every semester. Prerequisites: MA 102 or placement.

COURSE FORMAT. Classes will consist of presentation of algebraic principles and problems with opportunity for you to try practice problems and ask questions during the class time. You are encouraged to participate in class discussions and to ask and answer questions.

HOMEWORK. The only way to learn algebra is through practice. Study the examples in the text book, and do the assigned homework, ask questions. Some of the homework problems may appear on quizzes and exams.

SUPPLIES: Notebook paper, straight edge, graph paper , calculator (scientific at least)

ATTENDANCE. Attendance in class is crucial to your success in this course. Should you miss a class, please obtain the missed material from a classmate. There will be no make-up quizzes. Make up exams will only be given with proper documentation. One week of missed classes will result in a reduced grade. Please read the University Catalog regarding additional attendance policies.

EXAM SCHEDULE. There will be three non-comprehensive exams (100 points each) and one final comprehensive final exam (200 points).

COMPREHENSIVE FINAL EXAMINATION.. You must take the final examination in order to pass the course.

QUIZZES. Quizzes will be given throughout the semester. These quizzes are intended to reward students who keep up with the class work. The lowest quiz grade will be dropped.

METHOD OF DETERMINING FINAL COURSE GRADE

Three term exams @ 100 points each	300 points
Quizzes	100 points
Comprehensive Final Exam	200 points
TOTAL	600 points

Grades will be assigned to the following scale:

- A (90%-100%) 540-600 points
- B (80%-89.9%) 480-539 points
- C (70%-79.9%) 420-479 points
- D (60%-69.9%) 360-419 points
- F below 360 points

COURSE SCHEDULE*

Week	Holiday	Chapter	Topic
1) Aug 25-29		1	Exponents, Equations, Real Numbers
2) Sept 1-5	M	1 & 2	Linear Equations and Functions
3) Sept 8-12		2	Linear Equations and Functions
Monday 15 September: Exam 1 (Ch 1-2)			
4) Sept 15-19		3	Systems of Equations
5) Sept 22-26		4	Absolute Values, Linear Inequalities
6) Sept 29-Oct3		4	Linear Programming
7) Oct 6-10		5	Polynomials
Wednesday 15 October: Exam 2 (Ch 3-5)			
8) Oct 13-17	M	6	Rational Expressions
9) Oct 20-24		6	Rational Expressions
10) Oct 27-31		7	Radicals and Rational Exponent
11) Nov 3-7		7	Radicals and Rational Exponents
Monday 17 November: Exam 3 (Ch 6-7)			
12) Nov 10-14		8	Quadratic Equations
13) Nov 17-21		8	Quadratic Equations
14) Nov 24-28		9	Exponential and Logarithmic Equations
15) Dec 1-5		9	Exponential and Logarithmic Equations
Final Exam			

*Schedule is subject to change, with notice.

Music Devices and Cellphones: Use of music devices and cell phones is prohibited during all Natural Science and Mathematics classes at Chaminade, unless specifically permitted by your instructor. Use of cellphones and music devices in laboratories is a safety issue. In addition, use of cellphones and music devices in any class is discourteous and may lead to suspicion of academic misconduct. Students who cannot comply with this rule will be asked to leave class and may be subject to laboratory safety violation fines. Please refer any questions to the Dean of Natural Sciences and Mathematics.

ADA Accommodations: Students with special needs who meet criteria for the Americans with Disabilities Act (ADA) provisions must provide written documentation of the need for accommodations from the CUH Counseling Center (Dr. June Yasuhara; phone 735 4845) by the end of week three of the class, in order for the instructor to plan accordingly. Failure to provide written documentation will prevent your instructor from making the necessary accommodations. Please refer any questions to the Dean of Students and review the procedures at http://www.chaminade.edu/student_life/sss/counseling_services.php