

CHAMINADE UNIVERSITY of HONOLULU

MA 103 College Algebra Fall 12

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Office Hours: Thurs 9-10am or by appointment.

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

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 pre-calculus/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 098, 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. No grades will be given for homework. Some of the homework problems may appear on exams.

ATTENDANCE. Attendance will be taken for each class. Should you miss a class, please obtain the missed material from a classmate. Make up exams will only be given with proper documentation. Please read the University Catalog regarding attendance policies.

EXAM SCHEDULE. There will be three non-comprehensive exams (100 points each) and one final comprehensive final exam (200 points). You must take every examination in order to pass the course.

METHOD OF DETERMINING FINAL COURSE GRADE

Three term exams @ 100 points each 300 points

Attendance 50 points

Comprehensive Final Exam 200 points

TOTAL 550 points

Grades will be assigned to the following scale:

A (90%-100%) 495-550 points

B (80%-89.9%) 440-494 points

C (70%-79.9%) 385-339 points

D (60%-69.9%) 330-384 points

F below 275 points

Schedule (subject to change with prior notice)

Week 1: 27-31 Aug		Ch. 1
Week 2: 3-7 Sept	Mon. Holiday	Ch1 & 2
Week 3: 10-14 Sept		Ch. 2
Week 4: 17-21 Sept		Ch. 3 Exam 1
Week 5: 24-28 Sept		Ch. 4
Week 6: 1-5 Oct		Ch. 5
Week 7: 8-12 Oct	Mon. Holiday	Ch. 5
Week 8: 15-19 Oct		Ch. 6
Week 9: 22-26 Oct		Ch. 6 Exam 2
Week 10: 29 Oct-2 Nov		Ch. 7
Week 11: 5-9 Nov		Ch. 7
Week 12: 12-16 Nov	Mon. Holiday	Ch. 8
Week 13: 19-23 Nov	Thur, Fri Holiday	Ch. 8 Exam 3
Week 14: 26-30 Nov		Ch. 9
Week 15: 3-7 Dec		Ch. 9
Exam Week		Comprehensive Final

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.