



University Mission: Wayland Baptist University exists to educate students in an academically challenging and distinctly Christian environment for professional success, lifelong learning, and service to God and humankind.

Course Number and Title: Math 1304 College Algebra

Class Time and Location: 5:30PM-9:40 PM Mondays & Wednesdays or Tuesdays and Thursdays at Mission Drive Baptist Church (7801 N. 27th Ave, Phoenix, AZ (27th Ave & Augusta Ave)

Term and Date: May 26/ May 27, 2009-July 1/July 2, 2009

Instructor	Audrey Feddick	Phone	623-209-0017 Ext 133 cell 623-326-1218
Office Hours	Mon/Tues/Wed/Thurs at 5:00 PM	E-mail	afeddick@cox.net

Catalog Description: Rational expressions, radicals, complex numbers, graphs, second-degree equations in one or two variables, exponential and logarithmic functions, conic sections, sequences, series, and the binomial theorem.

Prerequisite: MATH 1300

Required Resources Materials: Bittinger, Beecher College Algebra 2nd edition
ISBN 0-201-52526-7 & 1 TI-30XA or equivalent scientific calculator

Course Requirements: You are expected to be present for each class. Each week we will have a practice test on the concepts to be learned and tested on the following week. There will be a test each week after the first week. All weekly tests add up to 80% of your grade. The final exam is worth 20% of your grade.

Course Outcome Competencies: At the conclusion of the course, the student should be able to:

1. Understand basic concepts of algebra.
2. Solve equations and inequalities.
3. Recognize and graph functions, graphs, and transformations.
4. Recognize and graph polynomial and rational functions.
5. Recognize and graph exponential and logarithmic

- functions.
6. Solve systems and matrices.
 7. Recognize and graph conic sections.
 8. Identify and solve sequences, series, and combinatorics

Course Outline:

Class Session	Subject
May 26/27, 2009	Review Intermediate algebra concepts
June 1/ June 2, 2009	Basic concepts of algebra
June 3, June 4, 2009	Equations, inequalities, and problem solving
June 8, June 9, 2009	Functions, graphs, and transformations
June 10, June 11, 2009	Polynomial and rational functions
June 15, June 16, 2009	Exponential and logarithmic functions
June 17, June 18, 2009	Systems and matrices
June 22, June 23, 2009	Conic sections
June 24, June 25, 2009	Sequences, series, and combinatorics
June 29, June 30, 2009	Final exam review
July 1, July 2, 2009	Final exam

Means for assessing student achievement of the course competencies:

A. University Grading System

A	90-100	CR	for credit
B	80-89	NCR	for no credit
C	70-79	I	Incomplete*
D	60-69	W	for withdrawal
F	below 60	WP	Withdrawal Passing
		WF	Withdrawal Failing
		X	No grade given
		IP	In progress

A grade of "CR" indicates that credit in semester hours was granted but no grade or grade points were recorded.

* Both instructor and student must sign an Incomplete Form for this grade to be given.

A grade of incomplete is changed if the work required is completed prior to the date indicated in the official university calendar of the next long term, unless the instructor designates an earlier date of completion. If the work is not completed by the appropriate date, the I is converted to the grade of F. An incomplete notation cannot remain on the student's permanent record and must be replaced by the qualitative grade (A-F) by the date specified in the official university calendar of the next regular term.

B. Procedure used for computation of final grade:

Assignment	Points
8 tests @ 10 % each	80 %
Final Exam	20 %
Total	100 %

Attendance Policy: Students enrolled at one of the University's external campuses should make every effort to attend all class meetings. All absences must be explained to the instructor, who will then determine whether the omitted work may be made up. When a student reaches that number of absences considered by the instructor to be excessive, the instructor will so advise the student and file an unsatisfactory progress report with the campus dean. Any student who misses 25 percent or more of the regularly scheduled class meetings will receive a grade of F for the course. Additional attendance policies for each course, as defined by the instructor in the course syllabus, are considered part of the University's attendance policy.

Provisions for Special Needs: It is University policy that no otherwise qualified disabled person be excluded from participation in, be denied the benefits of, or be subject to discrimination under any educational program or activity in the University.

Plagiarism Policy: Intellectual integrity and truthfulness are fundamental to scholarship. Plagiarism is a form of cheating. Plagiarism occurs when a student fails to give proper credit when information is either quoted or paraphrased or when a student takes credit for another person's work. Plagiarism may result in an "F" in the course or expulsion from the class or the university.

Syllabus Statement: This syllabus is not a contract. It can be changed or altered at any time by the instructor. Instructor will notify students of any changes.