

University of North Texas at Dallas
Fall 2013
SYLLABUS

CSCE 1100D.091: College Algebra		3Hrs
Department of	Mathematics & Information Sciences	Division of
		Liberal Arts & Life Sciences
Instructor Name:	<i>Dr. Gerard Rambally</i>	
Office Location:	<i>DAL2-229</i>	
Office Phone:	<i>972-780-3093</i>	
Email Address:	<i>gerard.rambally@unt.edu</i>	
Office Hours:	Mon: 11:30 am – 1:00 pm; Mon: 3:00 – 5:30pm; Wed: 11:30am – 1:00pm; Wed: 3:00 – 5:30 pm.	
Virtual Office Hours:		
Classroom Location:	DAL2-241	
Class Meeting Days & Times:	MW: 10:00 – 11:20 am	
Math Lab DAL1, 3rd Floor	<p>The Math Lab provides tutoring and homework assistance for students in MATH 1100D. The Math Lab is staffed by math specialists and peer tutors.</p> <p>The lab offers drop-in assistance Monday – Thursday 10am -8pm.</p>	
Course Catalog Description:	Quadratic equations; systems involving quadratics; variation, ratio and proportion; progressions; the binomial theorem; inequalities; complex numbers; theory of equations; determinants; partial fractions; exponentials and logarithms.	
Prerequisites:	Prerequisite(s): two years of high school algebra and one year of geometry, and consent of department. Note: A grade C or better in MATH 1100 is required when MATH 1100 is a prerequisite for other mathematics courses.	
Co-requisites:		
Required Text:	Sullivan, Michael. <i>College Algebra</i> . 9th Edition. Prentice Hall. ISBN: 0-321-75598-7.	
Recommended Text and References:		
Access to Learning Resources:	<p>UNT Dallas Library: phone: (972) 780-3625; web: http://www.unt.edu/unt-dallas/library.htm</p> <p>UNT Dallas Bookstore: phone: (972) 780-3652; e-mail: 1012mgr@fhcg.follett.com</p>	
Course Goals or Overview:	This course focuses on the study and applications of polynomials, rational, radical, exponential and logarithmic functions, and systems of equations using matrices.	
Student Learning Outcomes:	Upon successful completion of this course, the student will	
1	Demonstrate understanding and knowledge of properties of functions, which include domain and range, operations, compositions, and inverses.	
2	Recognize and apply polynomial, rational, radical, exponential, and logarithmic functions and solve related equations.	
3	Apply graphing techniques.	
4	Evaluate all roots of higher degree polynomial and rational functions.	
5	Recognize, solve and apply systems of linear equations using matrices.	

Course Outline

This schedule is subject to change by the instructor. Any changes to this schedule will be communicated in class.

TOPICS	TIMELINE
1. Equations and Inequalities	Weeks of 8/25/13, 9/1/13 & 9/8/13
2. Graphs	Week of 9/15/13 & Week of 9/22/13
Exam 1	9/25/13
3. Functions and Their Graphs	Week of 9/29/13 & Week of 10/6/13
4. Linear and Quadratic Functions	Week of 10/13/13 & Week of 10/20/13
5. Polynomial and Rational Functions	Week of 10/27/13 & Week of 11/3/13
Exam 2	11/6/13
6. Exponential and Logarithmic Functions	Week of 11/10/13 & Week of 11/17/13
7. Systems of Equations and Inequalities	Week of 11/24/13 & Week of 12/1/13
Exam 3	12/11/13

Course Evaluation Methods

This course will utilize the following instruments to determine student grades and proficiency of the learning outcomes for the course.

Grading Matrix:

Instrument	Value (points or percentages)	Total
Assignments	Weekly assignments with variable weights	20%
Quizzes	Weekly quizzes with variable weights	20%
Exam 1	20%	20%
Exam 2	20%	20%
Exam 3	20%	20%
Total:		100%

Grade Determination:

- A = 90% or better
- B = 80 – 89 %
- C = 70 – 79 %
- D = 60 – 69 %
- F = less than 60%

University Policies and Procedures

Students with Disabilities (ADA Compliance):

The University of North Texas Dallas faculty is committed to complying with the Americans with Disabilities Act (ADA). Any student requesting academic accommodations based on a disability is required to register with Disability Services each semester. A letter of verification for approved accommodations can be obtained from this office. Please be sure the letter is delivered to me as early in the semester as possible. Grades assigned before an accommodation is requested will not be changed as accommodations are not retroactive. Disability Services is located in the Student Life Office in DAL2, Suite 200 and is open 8:30a.m. – 5:00 p.m., Monday through Friday. The phone number is (972) 338-1775.

Student Evaluation of Teaching Effectiveness Policy:

The Student Evaluation of Teaching Effectiveness (SETE) is a requirement for all organized classes at UNT. This short survey will be made available to you at the end of the semester, providing you a chance to comment on how this class is taught. I am very interested in the feedback I get from students, as I work to continually improve my teaching. I consider the SETE to be an important part of your participation in this class.

Assignment Policy:

All assignments are due in class on the due dates stated on the assignments. No late assignments will be accepted, except for documented emergencies. All assignments are to be done individually unless stated otherwise on the assignment.

Exam Policy:

Exams should be taken as scheduled. No makeup examinations will be allowed except for documented emergencies (See Student Handbook).

Academic Integrity:

Academic integrity is a hallmark of higher education. You are expected to abide by the University's code of Academic Integrity policy. Any person suspected of academic dishonesty (i.e., cheating or plagiarism) will be handled in accordance with the University's policies and procedures. Refer to the Student Code of Academic Integrity at [http://www.unt.edu/unt-dallas/policies/Chapter%2007%20Student%20Affairs,%20Education,%20and%20Funding/7.002%20Code%20of%20Academic Integrity.pdf](http://www.unt.edu/unt-dallas/policies/Chapter%2007%20Student%20Affairs,%20Education,%20and%20Funding/7.002%20Code%20of%20Academic%20Integrity.pdf) for complete provisions of this code.

In addition, all academic work submitted for this class, including exams, papers, and written assignments should include the following statement:

On my honor, I have not given, nor received, nor witnessed any unauthorized assistance that violates the UNTD Academic Integrity Policy.

Bad Weather Policy:

On those days that present severe weather and driving conditions, a decision may be made to close the campus. In case of inclement weather, call UNT Dallas Campuses main voicemail number (972) 780-3600 or search postings on the campus website www.unt.edu/dallas. Students are encouraged to update their Eagle Alert contact information, so they will receive this information automatically.

Attendance and Participation Policy:

The University attendance policy is in effect for this course. Class attendance and participation is mandatory because the class is designed as a shared learning experience and because essential information not in the textbook will be discussed in class. The dynamic and intensive nature of this course makes it impossible for students to make-up or to receive credit for missed classes. Attendance and participation in all class meetings is essential to the integration of course material and your ability to demonstrate proficiency. Students are responsible to notify the instructor if they are missing class and for what reason. Students are also responsible to make up any work covered in class. It is recommended that each student coordinate with a student colleague to obtain a copy of the class notes, if they are absent.

Successfully completing this class is a function of many factors. Two such factors are class attendance and assignment completion.

Diversity/Tolerance Policy:

Students are encouraged to contribute their perspectives and insights to class discussions. However, offensive & inappropriate language (swearing) and remarks offensive to others of particular nationalities, ethnic groups, sexual preferences, religious groups, genders, or other ascribed statuses will not be tolerated. Disruptions which violate the Code of Student Conduct will be referred to the Office of Student Life as the instructor deems appropriate.

Cell Phones:

Cell Phone use (or ringing) in class is strictly prohibited.