

University of North Texas at Dallas
Fall 2014
SYLLABUS

MATH 1100.030		COLLEGE ALGEBRA		3Hrs						
Department of	Mathematics and Information Sciences	Division of	Liberal Arts & Life Sciences							
Instructor Name:	Noureen Khan									
Office Location:	DAL2- 223									
Office Phone:	972 338 1567									
Email Address:	noureen.khan@unt.edu									
Office Hours:	Monday & Wednesday or by appointments.		11:30 am – 1:30 pm,							
Virtual Hours:	Tuesday & Thursday		12:00 pm – 2:00 pm.							
On Campus Class Meetings	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px;">1. Wednesday, August 27th (First Meeting)</td> <td style="width: 50%; padding: 5px;">2: 30 pm – 4: 30 pm</td> </tr> <tr> <td style="padding: 5px;">2. Wednesday, October 22nd (Mid Term Exam)</td> <td style="padding: 5px;">12:00 pm – 2:00 pm</td> </tr> <tr> <td style="padding: 5px;">3. Wednesday, December 10th (Final Exam)</td> <td style="padding: 5px;">12:00 pm – 2:00 pm</td> </tr> </table>				1. Wednesday, August 27 th (First Meeting)	2: 30 pm – 4: 30 pm	2. Wednesday, October 22 nd (Mid Term Exam)	12:00 pm – 2:00 pm	3. Wednesday, December 10 th (Final Exam)	12:00 pm – 2:00 pm
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Classroom Location:	DAL2 - 136									
Math Lab <i>DAL1, 3rd floor</i>	UNT Dallas Math Lab located in DAL 1- 3rd floor, is an open lab where you can do your math homework and also make an appointment for Individual Tutoring or Group Study Sessions. You can make online appointments at http://dallas.unt.edu under the 'Advising and Tutoring' tab.									
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:	Two years of high school algebra and one year of geometry, and consent of department.									
Required Text:	College Algebra, 9th Edition, by Michael Sullivan ISBN-10: 0321755987 & My Math Lab (MML) software. Free E-book is accessible on MyMathLab. The MML course ID for this class is: khan50331									

Required Homework Assignment Service	<p>MyMathLab is the main platform for this course, providing online versions of self paced learning and homework assignment service.</p> <p>The MML course ID for this class is: khan50331</p> <p>Students must use www.coursecompass.com website to access MyMathLab. Help for MyMathLab is available at http://247pearsoned.custhelp.com. For SUPPORT fast assistance; choose chat to “talk” to a technical support person. Students can also call 1-800-677-6337 for assistance from Pearson, ask their instructor or inquire at the Academic Resource Center.</p>
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Access to Learning Resources:	<p>UNT Dallas Library: http://www.unt.edu/unt-dallas/library.htm phone: (972) 780-3625;</p> <p>UNT Dallas Bookstore: phone: (972) 780-3652; e-mail: 1012mgr@fhcg.follett.com</p>
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Course Evaluation Methods: This course will utilize the following instruments to determine student grades and proficiency of the learning outcomes for the course.

- My Math Lab Home Work (Online)
- Weekly Quizzes (Online)
- Mid Term Exam – (in class)
- Final Exam – Comprehensive Final Exam (in class)

Grading Matrix:

Instrument	Value (percentages)	Points
Homework	25 %	125
Weekly Quizzes	30%	150
Mid Term Exam	20 %	100
Final Exam (Comprehensive)	25 %	125
Total:	100 %	500

Grade Determination:

Grade	Percentage %	Points
A	90 or better	450 or more
B	80 – 89	400 – 449
C	70 – 79	350 – 399
D	60 – 69	300 – 349
F	less than 60	299 or less

Calculator Policy: GRAPHING CALCULATOR:
TI 83, TI 83 Plus, TI 84, TI 84 Plus or equivalent is **required** for this class.

Course Objectives:	
	The goal of this course is to introduce students to sets, logic, number theory, algebra, linear programming, probability and statistics.
Learning /Outcomes: Upon successful completion of this course, the student will be able to	
1	Represent functions in different ways, and distinguish between a relation and a function
2	Demonstrate the ability to graph basic functions like, polynomial, rational, exponentials.
3	Demonstrate the ability to model various applications using algebraic and transcendental functions
4	Identify linear and nonlinear equations and solve them using appropriate methods
5	Demonstrate understanding of theory of equations; variation and partial fractions.
6	Demonstrate understanding of inequalities; complex numbers; exponentials and logarithms.
Learning Outcomes: Upon successful completion of this course, the students will	
<ul style="list-style-type: none"> • Explore Mathematics, English, Arts and Humanities, Natural Sciences, Social and Behavioral Sciences 	
<ul style="list-style-type: none"> • Make connections between different areas of knowledge and different ways of knowing. 	
<ul style="list-style-type: none"> • Be able to locate, evaluate and organize information including the use of information technologies 	
<ul style="list-style-type: none"> • Think critically and creatively, learning to apply different systems of analysis. 	
<ul style="list-style-type: none"> • Develop problem solving skills that incorporate multiple viewpoints and differing contexts in their analysis. 	
<ul style="list-style-type: none"> • Cultivate intellectual curiosity and self-responsibility, building a foundation for life-long learning. 	
Course Outline	
Major Course Topics:	
<ul style="list-style-type: none"> • Quadratic equations; • Systems involving quadratics; • Variation, ratio and proportion; • Inequalities; • Complex numbers; • Theory of equations; • Partial fractions; • Exponentials and logarithms. 	

COURSE FORMAT:

Math1100.030 is a distance learning (online) course. The class will meet on campus face to face only three times during the semester, see the meeting schedule details below. The course is divided into sixteen WEEKLY MODULES on Blackboard; each module fully contains its course material and required assignments. In other words, by going into a week's module you will be learning through the electronic textbook, power point lecture notes, videos and MyMathLab homework assignment links. You will do two homework assignments per week each followed by a short quiz. A Chapter Review Quiz will be given to ensure the mastery of content.

For the meeting days, you are expected to come prepared, that includes completion of all course material as outlined in the weekly modules posted on blackboard. Read and understand class policy by exploring every tab under the course menu panel.

Class Meetings (face to face):

- 1. Wednesday, August 27th (First Meeting) 12:00 pm – 2:00 pm**
Class will meet on UNT Dallas campus in room 136, for course introduction.
- 2. Wednesday, October 22nd (Mid Term Exam) 12:00 pm – 2:00 pm**
In class Mid Term Exam
- 3. Wednesday, December 10th (Final Exam) 12:00 pm – 2:00 pm**

Math1100.030 is NOT **SELF PACED**, however, you will complete academic work in a flexible manner. Due to the nature of this course, all assignments have weekly deadlines with no possible extension. The attendance for face to face meetings is mandatory and there will be absolute no make up for missing exams. Students are responsible for all information given in class or posted online regardless of his/her attendance. This includes any changes made to due dates of homework assignments and exam dates that were announced in class or online. It is your responsibility to learn of all important stuff you missed. Exchange phone numbers/email addresses and stay active on discussion board with several members of your class so that you have multiple sources of information in case of a personal emergency.

REQUIRED INITIAL ASSIGNMENT:

In accordance with US Department of Education guidance regarding class participation, this class requires the following first-week assignments:

- 1) Registering at Course Compass/ MyMathLab software
- 2) Completing the week 2 assignments: homework and quiz

The MyMathLab software must be purchased and you must be registered by the eighth day of the class, failure to do that may result administratively drop from the course as a no show. If you have any questions about your assignments, or you are unable to complete your assignments, please contact me.

TESTING:

Math1100.030 is an intensive, accelerated course, and requires semester long hard work commitment from you. All testing will be face to face, you will take midterm and a final exam in the class room, see the attached schedule. No makeup examinations will be allowed except for documented emergencies (See Student Handbook). In the case of injury or illness, you need to provide a note from a health care professional affirming date and time of a medical office visit regarding the injury or illness and stating that you should not be in class that day. You must notify me no later than the end of the second working day after the missed exam. You must bring an approved graphing calculator, pencils, and your student ID card or driver's license.

WEEKLY PROCEDURE:

Weekly assignments will typically be due each **Monday** and **Wednesday at 12:00 am**, unless otherwise specified. Every week, textbook sections are assigned according to the tentative schedule on the syllabus.

For each weekly module:

1. Read the assigned section in the course textbook (hardcover or e-text).
2. Watch the lecture videos, and other multimedia resources available on MyMathLab.
3. Complete assigned homework on time. (Unlimited number of attempts)
4. Take a weekly quiz and end of chapter test on MyMathLab.

ATTENDENCE:

Class attendance is mandatory for three scheduled meetings; make sure you arrive on time and sign-in for each meeting. Students are responsible for all information posted online, regardless of his/her attendance. This includes knowing exam dates, homework assignments and any changes made to due dates that are announced in class. Discussion board is available to exchange information on Blackboard. If you miss an assignment, it is your responsibility to learn of all the important stuff you missed. Exchange phone numbers/email addresses with several members of your class so that you have multiple sources of information in case of a personal emergency.

Statement regarding use of email and attendance:

- Email may not be used in lieu of attendance. YOU MUST ATTEND class to obtain instruction regarding lectures, lessons, quizzes, homework assignments, answer to particular problems, etc.
- Due to limitations of email communication, you must physically meet with me for help with course materials.
- You are responsible for attending the required class meetings and labs as stated in the schedule.

HOMEWORK: MyMathLab

The MyMathLab (MML) online homework assignments are set weekly throughout the semester. You will have two (2) online HW assignment due for every week of instruction. The assignment due dates and times are explicitly stated by each assignment on MML. The due date and times are usually **Wednesday at 11:59 pm**, unless otherwise specified. You have unlimited number of attempts per problem-type before the due date for each homework problem in MyMathLab. NO LATE HOMEWORK will be accepted for any reason whatsoever. A grade of zero will be assigned to any homework assignment not completed online and submitted by the due date and time. Specifically, due dates will NOT be extended for any reason. NO EXCEPTIONS. Because of the pace and intensity of this course, there will be no drop grades for any assignment. If you are prone to circumstances that affect your ability to complete assignments as due, I suggest that you work ahead. Technical difficulty, including loss of internet access, is not an excuse for not completing assigned work.

All homework assignments should be recorded in a spiral notebook. Carry this note book to the math lab and whenever you seek help on your homework.

Make-up Exam Policy:

NO MAKE-UP QUIZZES & EXAMS WILL BE GIVEN. Math 1100.030 is an intensive, accelerated course. The course material and entire semester schedule is posted on the syllabus. You must take the quizzes online and exams in class on the scheduled days and times, ABSOLUTELY NO EXTENSIONS. The exam dates and the final exam date are listed on this syllabus. No makeup examinations will be allowed except for documented emergencies (See Student Handbook).

NOTE:

This is tentative schedule and subject to change at the discretion of the instructor at any time.

Wednesday	Online Module	TOPICS
8/27/2014	Week 1	Syllabus & Black-board (IN CLASS) Wednesday August 27 th 12:00 pm – 2:00 pm
9/03/14	Week 2	<u>Chapter 1</u> Equations and Inequalities
9/10/14	Week 3	<u>Chapter 1</u> Equations and Inequalities
9/17/14	Week 4	<u>Chapter 1</u> Equations and Inequalities
9/24/14	Week 5	<u>Chapter 1</u> Equations and Inequalities
10/01/14	Week 6	<u>Chapter 2</u> Functions and Their Graphs
10/08/14	Week 7	<u>Chapter 2</u> Functions and Their Graphs
10/15/14	Week 8	<u>Chapter 2</u> Functions and Their Graphs
10/22/14	Week 9	MID-TERM EXAM (IN CLASS) Wednesday October 22 nd 12:00 pm – 2:00 pm
10/29/14	Week 10	<u>Chapter 3</u> Linear and Quadratic Functions
11/05/14	Week 11	<u>Chapter 3</u> Linear and Quadratic Functions
11/12/14	Week 12	<u>Chapter 5</u> Exponentials and Logarithms
11/19/14	Week 13	<u>Chapter 5</u> Exponentials and Logarithms
11/26/14	Week 14	<u>Chapter 8</u> System of Equations
12/03/14	Week 15	<u>Chapter 8</u> System of Equations
12/10/14	Week 16	FINAL EXAMINATION (IN CLASS) Wednesday December 10 th 12:00 pm – 2:00 pm

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). Students' with documented disabilities are responsible for informing faculty of their needs for reasonable accommodations and providing written authorized documentation. For more information, you may visit the Office of Disability Accommodation/Student Development Office, Suite 115 or call Dr. Chapple at 972-338-1779.

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.

Academic Integrity:

Academic integrity is a hallmark of higher education. You are expected to abide by the University's code of conduct and Academic Dishonesty 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 Conduct at http://www.unt.edu/csrr/student_conduct/index.html for complete provisions of this code.

Attendance and Participation Policy:

*The University attendance policy is in effect for this course. Class attendance and participation is expected 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. **Excessive absences (more than 3 classes, with or without excuse) may result in being dropped from the class or receiving an F for the course.***

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 Center for Student Rights and Responsibilities as the instructor deems appropriate.

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.