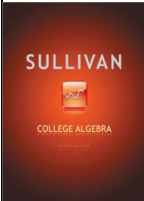


University of North Texas at Dallas
Fall 2016
SYLLABUS

MATH 1100.032		COLLEGE ALGEBRA		3Hrs
Department of	Mathematics and Information Sciences	School of	Liberal Arts & Life Sciences	
Instructor Name:	Noureen Khan			
Office Location:	DAL2- 223			
Office Phone:	972 338 1567			
Email Address:	noureen.khan@unt.edu (preferred address for prompt response) Emails must sent from myunt.edu account and include Class/Section/Student Id in the subject line.			
Office Hours:	Monday & Wednesday 11: 30 am - 2: 30 pm			
Virtual Hours:	Saturday 12:00 pm – 2:00 pm or by appointments.			
Class Meetings (OPTIONAL)	1. Orientation 12:00 p – 1:00 p	Monday May 22, 2016 Room #DAL2 - 223		
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.			
Text Book (optional) and Required Software:		College Algebra, 9th Edition, by Michael Sullivan ISBN-10: 0321755987 My Math Lab (MML) software. E-book is included in MyMathLab).		
	The MML course code for this class is: Khan22692			
Homework Assignment Service	First time students must use Blackboard to access MyMathLab. www.coursecompass.com . 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, asks instructor or inquire at the UNT Dallas Math Lab.			

Access to Learning Resources:	UNT Dallas Library: http://www.unt.edu/unt-dallas/library.htm phone: (972) 780-3625;
	UNT Dallas Bookstore: phone: (972) 780-3652; e-mail: 1012mgr@fhcg.follett.com

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

- Home Work
- Quizzes and Chapter Tests
- Mid Term Exam –
- Final Exam – Comprehensive

Grading Matrix:

Instrument	Value (%)	Grade Determination	
		Grade	Percentage %
Homework	20%	A	90 or better
Quizzes	20%	B	80 – 89
Chapter Test	20%	C	70 – 79
Midterm Test	20%	D	60 – 69
Final Exam (Comprehensive)	20%	F	less than 60
Total:	100%		

Calculator Policy: GRAPHING CALCULATOR:
TI 83, TI 83 Plus, TI 84, TI 84 Plus or equivalent.

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

- Explore Mathematics, English, Arts and Humanities, Natural Sciences, Social and Behavioral Sciences
- Make connections between different areas of knowledge and different ways of knowing.
- Be able to locate, evaluate and organize information including the use of information technologies
- Think critically and creatively, learning to apply different systems of analysis.
- Develop problem solving skills that incorporate multiple viewpoints and differing contexts in their analysis.
- Cultivate intellectual curiosity and self-responsibility, building a foundation for life-long learning.

COURSE FORMAT:

You are enrolled in eight weeks College Algebra, Math1100.032 – an accelerated, fast passed and fully online course. The course is divided into EIGHT WEEKLY MODULES; course material, learning resources and assignments information are available on Blackboard and MyMathLab (MML). However, MyMathLab is the major platform, where you will learn and do all assignments for the course. In other words, you will have access to all learning materials and assignments on MML through Blackboard. In MML, you will be learning through the electronic textbook, power point lecture notes, videos and then do the homework assignment. As a set rule, you will do **three (3)** homework assignments per week each followed by a short quiz over the sections cover during the week. All assignments will be available and due on Monday, Wednesday and Friday, unless specified otherwise. Once a chapter is complete, you will take a Chapter- Test to ensure the mastery of contents. You will also work on “Study Plan” uniquely prepared by the intelligence system of MML based on one’s overall performance to ensure the in depth understanding of learned contents. The Study Plans are required for all chapter tests, providing you complete review of the chapter contents. Although study plans are NOT part of your grades, however, it will prepare you better as the completion is mandatory for a Chapter- Test.

Math1100.030 is NOT **SELF PACED** course; however, you will complete academic work in a flexible manner. Due to the nature of this course, all assignments have firm deadlines with no possible extension (you will not have time for extensions). Students are responsible to complete all assignments on time regardless of his/her internet or technology problems. This includes any changes made about due dates of homework assignments and information that were announced, emailed or posted online. Stay active on discussion board with several members of your class and check your emails several times a day 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) Attending the first meeting on Campus, or posting a self-introduction on Blackboard discussion board.
- 2) Registering the required course software, “MyMathLab” on Course Compass website.
- 3) Completing the homework and quiz assignments of week-1 on MyMathLab.

WEEKLY PROCEDURE:

College Algebra Math1100.032- 8W1 is an intensive and fast paced course, requiring the semester long hard work commitment. You will learn the course material by posted notes, power points lectures, and watching videos. You should take notes while doing homework and do several examples before taking the quiz. This will help you to review chapter contents for the major tests, midterm exam and comprehensive final exam. On an average, there will be three (3) homework assignments per week with unlimited number of attempts to answer. After finishing a homework assignment, you will take its short quiz (2 attempts) covering the material of completed homework. When doing homework, allow yourself extra time and take the section quiz right after to achieve higher productivity of learned objectives.

Once a chapter is complete, you will start work on its Study Plan (chapter review), which is designed to prepare you better for the chapter test. To ensure the mastery of learned objectives, the Study Plans are mandatory for all chapter tests, mid term exam and final exam. On a chapter test, you will have **one attempt** to answer a test question, so prepare enough and answer all questions carefully. At the end of semester, one lowest chapter test grade will be dropped from your final grade.

Weekly assignments will typically be available and due each **Monday, Wednesday and Friday at 11:59 pm**, unless otherwise specified. Every week, textbook sections are assigned according to the tentative schedule on the syllabus.

A weekly procedure include the following 5 steps:

1. Login to MyMathLab and go to "Multimedia" tab where you have access to all learning resources.
2. Read assigned sections from the text and Power Points, take notes and do all examples in your notebook.
2. Watch lecture videos and animated examples for better understanding of new notions.
3. On assignments use help resources when needed and do not delay any assignment till the last minute.
4. Contact me for your specific questions and use Discussion Board to post general inquiries.
5. MyMathLab is your main platform, may login directly and work there.

COMMUNICATIONS:

You have flexibility of doing assignments at your convenient time; however there will be no extensions to any assignment. So, pay attention to deadlines and complete your work on time and don't delay or wait for the last minute, there will be NO EXTESIONS! If you have any question or want to discuss an issue, send me an email at: noureen.khan@unt.edu. This is my preferred email, and you should use only this address for prompt responses. My email response time is less than two (2) business day.

Please DO NOT USE BLACKBOARD EMAIL for communications, blackboard emails may take longer (up to a week) for replying back.

You can visit my office or meet virtually during posted hours by sharing your Skype ID. Use UNT email address and include your class/ section/ student ID in subject for all email communications. You can also call my office in case you seek verbal response; I am available at 972 338- 1567 during listed office hours.

Statement regarding use of email and extension requests:

- Emails about assignments extension request may not be replied due to heavy electronic communication load and course syllabus policy.
- Emails sent from other than UNT email address and/ or without student- ID and Class and Section number may go to junk (SPAM) folders, and my not be replied.
- Emails about grades or grades related questions may not be replied.
- Emails sent to blackboard account may take longer response time.
- Emails regarding personal matters or irrelevance to the course will go unanswered.

10 STEPS for A SUCCESSFUL SEMESTER

Math 1100.032 is an intensive and accelerated course. This is a fully on line class with no mandatory face-to-face meeting. You will learn course material and do assignments on line as posted on the course schedule. You must complete all homework assignments, quizzes and tests on time; there will be no time for MAKE-UPS or EXTENTIONS.

Here are ten steps that will help you to succeed in this class:

1. Purchase and register the class on MyMathLab (MML). The MML course ID for this class is: **khan22692**. Buying a textbook is optional since electronic text is included in MML.
2. Registration period for MML will end on September 02, and you may administratively drop from the class. More importantly, the delay will through you back in all assignments.
3. Login to MML several times a week, Know assignments due dates and work diligently – most homework assignments are open for a couple of days.
4. Take notes in a spiral notebook; check your work before submitting the answer. All homework assignments have unlimited number of attempts to answer.
5. Use your notes and formulae when taking quizzes, chapter tests and exams. You are also allowed to use graphic calculators.
6. Take short quizzes as you finish a homework assignment; you have two attempts to answer.
7. Early submission has no penalty; you can work on multiple assignments at a time and submit them before time. On an average, you have three homework and three quizzes weekly.
8. Study Plans are mandatory for all tests, but not direct part of your grades. Make sure you finish study plan well before taking a chapter tests, midterm and final exam.
9. At the end of semester, your lowest (one) chapter test grade will be dropped. You must send me the proof that you have completed the course evaluation survey, "SETE".
10. Feel free to discuss any issue or difficulty you may have understanding the course material or class policy, I am available to help and to make you successful is my mission. Good Luck!

Assignments due dates Policy:

- Weekly assignments will typically **open at 12:00am and due at 11:59pm** on **Monday, Wednesday and Friday** unless otherwise specified.
- All homework assignment have unlimited number of attempts.
- Quizzes (2 attempts) and chapter tests, midterm and final exam (1 attempt).

NOTE:

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

Week	Online Module	TOPICS
Week 1 8/22/16	Syllabus & Black-board (optional on campus meeting)	<u>Chapter 1</u> Equations and Inequalities
Week 2 8/29/16	Test Chapter-1	<u>Chapter 1</u> Equations and Inequalities
Week 3 9/05/16	Test Chapter-2	<u>Chapter 2</u> Functions and Their Graphs
Week 4 9/12/16	Test Chapter-3	<u>Chapter 3</u> Linear and Quadratic Functions
Week 5 9/19/16	Midterm Exam	<u>Chapter 4</u> Variation & Polynomials
Week 6 9/26/16	Test Chapter-4	<u>Chapter 6</u> Exponentials and Logarithms
Week 7 10/03/16	Test Chapter-6	<u>Chapter 8</u> System of Equations
Week 8 10/10/16	Test Chapter-8 Review and Final Exam	

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.