University of North Texas at Dallas
Fall 2012
SYLLABUS

MATH 1010D - 091: Fundamentals of Algebra (3Cr.)

Department of	Mathematics and Information Sciences	**Division of** Arts and Life Sciences	
Instructor Name:	Dr. Ali Shaqlaih		
Office Location:	Founders' Hall 227		
Office Phone:	972-338 1569		
Email Address:	ali.shaqlaih@unt.edu		
Office Hours:	Office: MTWR:10:00-10:50 AM , 1:00:1:50PM, Lab: R: 4:00-4:50PM		

Class Location and time:	Founders' Hall 241, TR:5:30-6:50pm

Lab Location and time:	Founders' Hall 136, MW 5:30pm - 6:50pm.
Course Catalog Description:	Basic algebraic operations, linear equations and inequalities, polynomials, rational expressions, factoring, exponents and radicals, and quadratic equations.

Prerequisites	Consent of department. Students may not enroll in this course if they have credit for any other UNT mathematics course. Credit in this course does not fulfill any degree requirement.

Required Main Text:	**Intermediate Algebra, 2nd ed by Sullivan & Struve.** - The book and a My Math Lab access code will be bundled together. - Bundle ISBN-10: 0321673727 | ISBN-13: 9780321673725. - If you have a used book you can also buy a standalone code for My Math Lab.

Recommended Texts and/or References:	**Schaum's Outline of Intermediate Algebra, 2nd edition, McGraw-Hill, 2010;**

Required Homework Assignment Service	My Math Lab is a homework assignment service, providing online versions of the homework problems found at the end of each chapter. **Registration Information**: Students must purchase and register in **MyMathLab (MML)** by 2nd class of semester. MML is an online course delivery platform through which students access and complete assignments. Students may access MML at any general access lab on campus. **Students not registered with MML may be administratively dropped with the possibility of no refund.** **Course ID: celik21016**

Access to Learning Resources:	UNT Dallas Library: phone: (972) 780-3625;
	    web: http://www.unt.edu/unt-dallas/library.htm
	
	UNT Dallas Bookstore: phone: (972) 780-3652;
	    e-mail: 1012mgr@fheg.follett.com
	
	UNT Dallas **Mathematics Lab**: To Be Arranged

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	Develop the problem solving ability on basic and intermediate algebra and train them to meet college math standards.	
Learning Course Objectives/Outcomes: At the end of this course, the student will		
1	Be able to conduct elementary algebraic operations in correct order.	
2	Be able to conduct elementary operations with fractions.	
3	Be able to use elementary algebraic symbols to form correct mathematical phrases.	
4	Understand the concepts of variables, equations, inequalities, functions and graphs.	
5	Be able to solve linear equations and inequalities.	
6	Be able to solve systems of linear equations and inequalities.	
7	Be able to factor polynomials and use factorization to solve quadratic or higher order equations.	
8	Be able to analyze linear and quadratic functions and their graphs.	
9	Understand the basics of rational functions and radical functions.	

Course Outline

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

	Tuesday	*Thursday*	Topics
Week #1 **Aug. 29 – Aug. 30**			**Syllabus**, BlackBoard, *MyMathLab* (R2)
Week #2 **Sept. 03 - Sept. 06**		Quiz1	(R2, R3)
Week 3 **Sept. 10 - Sept. 13**		Quiz2	(R4, R5), Real Numbers and Algebraic Expressions
Week 4 **Sept. 17 &** **Sept. 20**		Quiz3	Linear Equations and Inequalities
Week 5 **Sept. 24 &** **Sept. 27**		Quiz4	Functions and Inequalities
Week 6 **Oct. 01 & Oct. 04**		Quiz5	Functions and Inequalities
Week 7 **Oct. 08 & Oct. 11**		**Exam #1**	

Week 8 Oct. 15 & Oct. 18		Quiz6	System of Linear Equations
Week 9 Oct. 22 & Oct. 25		Quiz7	Polynomials and Polynomial Functions
Week 10 Oct. 29 & Nov. 01		Quiz8	Polynomials and Polynomial Functions
Week 11 Nov. 05 & Nov. 08		Quiz9	Polynomials and Polynomial Functions
Week 12 Nov. 12 & Nov. 15		**Exam #2**	
Week 13 Nov. 19 & Nov. 22		Thanksgiving (No Classes)	Rational Equations, Quadratic Equations
Week 14 Nov. 26 & Nov. 29		Quiz10	Rational Equations, Quadratic Equations
Week 15 Dec. 03 & Dec. 09		Practice Review for the Final Exam	*Practice Review for the Final Exam*
Monday, Dec.10: 5-7pm		*Final Exam*	Comprehensive Final Exam

Course Evaluation Methods

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

- **Online Homework Assignments** (on MyMathLab) - For each section covered in the course there will be an online Homework assignment on MyMathLab.
  - You will have an unlimited number of attempts to complete the assignment by the due date.
  - You must score at least 80% on each Section Online Homework Assignment so that you can have access to Section Online Quiz.
  - The Section Online Homework Assignments from MyMathLab won't count towards your overall grade.
  - A Section Online Homework Assignment has a due date.
  - Section Online Homework Assignments due dates will be announced on the MyMathLab

together with the assignment.

- **Online Quizzes** (on MyMathLab) - There will be a Section Online Quiz on each section which will be administered online through MyMathLab.
    o Each Section Online Quiz will consist of 10 questions. You are allowed at most three attempts. If three attempts are used, your grade will be the score of the **LAST** attempt.
    o Remember! You must earn an 80% on your Section Online Homework Assignments (from MyMathLab) before you will be given access to that Section Online Quiz.
    o Section Online Quizzes' due dates will be announced on the MyMathLab together with the Section Online Quiz.
    o At the end of the semester only the best 15 section online quizzes will be considered.

- **In-class Quizzes** (in class) - An in-class quiz will be generally during the first 15 minutes of the class. Be one time so you will not get all the time for the quiz. The dates for each quiz are pointed on the schedule for the topics above.
    o There will be no make-ups for any missed in-class quizzes **for any reason**. Instead, at the end of the semester only the best 7 in-class quizzes will be considered.
    o The in-class quizzes will consist of questions similar to ones from the Suggested Exercises (on MyMathLab) and from Section Online Homework Assignments.
- **Mid-term Exams** (in class) - There will be two Mid-term Exams. The date for each exam is pointed in the schedule. See Make-up Policy section for more.
    o The department of Mathematics and Information Sciences at UNT Dallas creates a comprehensive final that all Math 1010 students take. Students must take the final exam at the prescribed time; no exceptions. Make necessary arrangements now to attend the final exam.

The student's grade is determined solely by his/her performance on the evaluation criteria and the grade assignments listed above. ***Do not expect Extra Credit assignments!***

Grading Matrix:

Instrument	Value (points or percentages)	Total
Section On-line Quizzes	best 15 online quizzes at 10 points each	150
Attendance and Participation	Maximum possible 10 points	100
Weekly In-class Quizzes	best 6 in-class quizzes at 25 points each	150
Mid-term Exams	2 Mid-term exams at 150 points each	300
Final Exam	One comprehensive final exam at 300 points	300
Total:		**1000**

The following standard grading scale will be used to determine your final letter grade:
$100\% \geq A \geq 90\% > B \geq 80\% > C \geq 70\% > D \geq 60\% > F \geq 0$.

Email Policy: Use your **Blackboard** email account to contact me. You should check your email account on the Blackboard every day. You are responsible for any information that I send out via email. Due to privacy rights, I will not discuss grades over the phone. I will only answer emails from your **Blackboard**

account.

Calculator Policy: The use of any type of calculator is strictly prohibited in this course. Using one constitutes cheating and will be treated as cheating according to university policy on academic dishonesty.

Formula sheet: Students are not allowed to use any type of formula sheet during any quizzes and exams.

Lab Component of Math1010: This course also has a Lab component. Lab meetings will be Mondays and Wednesdays from 5:30pm to 6:50pm room 136, Founders' Hall. The Lab component of the course will be run by the Mathematics Specialist of UNT Dallas, Mrs. LaTina Branch. Mrs. Branch will assist you with your assignments posted to MyMathLab and the worksheets. **You cannot ask for help on the Online Quizzes.** You are supposed to work the Online Quizzes on your own. Lab attendance is mandatory and there will be a signing sheet for every meeting.

General Policies:
- The first and most fundamental expectation I have for everyone in the class is to respect one
- another. Among other things, this means that only one person speaks at a time, **no one works on anything not related to the class (no cell use, no texting, no reading, no sleeping,…) and** everyone will put forth an honest effort.
- It is the student's responsibility to stay abreast of all class announcements and changes made to this syllabus in class, whether present or not.
- Generally, leaving and entering the class back is **not allowed**. You can leave the class if you are not returning or for real emergency case. Leaving the class should be by the permission of the instructor.
- You are expected to review all graded quizzes, homework and exam papers as soon as they are returned. All questions about the grading of quizzes, homework or exam papers must be reported within **seven** calendar days of the date on which the paper was returned.
- To do well in this course, attend class every meeting on time, be prepared to work for the full class time, bring all necessary materials to class, participate as much as possible, do the homework and extra problems steadily every day rather than once a week. Don't be afraid to make mistakes or ask questions, the more you get involved, the better you'll do!
- **My door will always be open and you should feel free to e-mail me if you have questions**. Don't stress out about math! You have the abilities to do very well as long as you work hard.

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. Grades assigned before an accommodation is provided will not be changed as accommodations are not retroactive. For more information, you may visit the Student Life Office, Suite 200, Building 2 or call Laura Smith at 972-780-3632.

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:
There will be no make-ups for any missed in-class quizzes. Instead, at the end of the semester only the highest seven in-class quizzes will be considered.

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

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 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 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 5 classes may result in being dropped from the course with WF.**

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.

Copyright Policy:
The handouts used in this course are copyrighted. By "handouts," I mean all materials generated for this course, which include but are not limited to syllabi, lecture notes, quizzes, exams, in-class materials, review sheets, projects, and problems sets. Because these materials are copyrighted, you do not have the right to copy and distribute the handouts, unless I expressly grant permission.

Other Policy:
Classroom Etiquette:
Appropriate behavior is expected of all students taking this course.
- *Arrive to class promptly and do not leave until the scheduled ending time of the class.*
- *If you must arrive late or leave early, please do so as discreetly as possible and take a seat near the door.*
- *Turn off all non-medical electronic devices such as pagers, cell phones, laptops, etc. Take off the headphones.*
- *Do not read newspaper or work on unrelated assignments during class.*
- *I prefer that you not eat during class.*

Grade Assignment:
The student course grade is assigned according to the evaluation criteria and grading assignment stated on this syllabus.
- *The grade is completely objective and is determined solely by student performance on each of the evaluation criteria (in-term exams, in-class quizzes, on-line quizzes, and the final exam).*
- ***Do not expect extra credit work or bonus grade assignments.***

Student Behavior:
Student behavior that interferes with an instructor's ability to conduct a class or other students' opportunity to learn is unacceptable and disruptive and will not be tolerated in any instructional forum at UNT.
- *Students engaging in unacceptable behavior will be directed to leave the classroom and the instructor may refer the student to the Student Life Center to consider whether the student's conduct violated the Code of Student Conduct.*
- *The university's expectations for student conduct apply to all instructional forums, including university and electronic classroom, labs, discussion groups, field trips, etc. The Code of Student Conduct can be found at http://dallas.unt.edu/sites/default/files/page_level2/pdf/policy/7.001%20Code%20of%20Student%20Rights%20Responsibilities%20and%20Conduct.pdf*