

**University of North Texas at Dallas**  
**SYLLABUS**

<b>MATH 1010-001</b>	
<b>Fundamentals of Algebra (3Cr.)Fall 2016</b>	
<b>Department of</b>	Mathematics and Information Sciences
<b>Instructor Name:</b>	Dr. Rasmi Jafar
<b>Office Location:</b>	Founders' Hall Third floor, Adjunct office
<b>Email Address:</b>	rasmi.jafar@untdallas.edu
<b>Office Hours:</b>	M&W:5:00-6:00 PM
<b>Class Location and time:</b>	M& W: 6:00 -7:50 pm in DAL1-201D
<b>Course Catalog Description:</b>	Basic algebraic operations, linear equations and inequalities, polynomials, rational expressions, factoring, exponents and radicals, and quadratic equations.
<b>Prerequisites</b>	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.
<b>Required Main Text:</b>	<ul style="list-style-type: none"> <li>• <b>Elementary &amp;Intermediate Algebra, by Sullivan &amp; Struve. 3<sup>rd</sup> edition</b></li> <li>• Access to MyMathLab. Course ID:<b>jafar44209</b></li> </ul>
<b>Required Homework Assignment Service</b>	<p>My Math Lab is a homework assignment service, providing online versions of the homework problems found at the end of each chapter.</p> <p><b>Registration Information:</b> Students must purchase and register in <b>MyMathLab (MML)</b> by 2<sup>nd</sup> class of semester. MML is an online course delivery platform through which student's access and complete assignments. Students may access MML at any general access lab on campus.</p>
<b>Access to Learning Resources:</b>	<p>UNT Dallas Library: phone: (972) 780-3625; web: <a href="http://www.unt.edu/unt-dallas/library.htm">http://www.unt.edu/unt-dallas/library.htm</a></p> <p>UNT Dallas Bookstore: phone: (972) 780-3652; e-mail: <a href="mailto:1012mgr@fhg.follett.com">1012mgr@fhg.follett.com</a></p> <p>UNT Dallas <b>Mathematics Lab:</b> To Be Arranged</p>
<b>Course Goals:</b> The goal of this course is to	
	Develop the problem solving ability on basic and intermediate algebra and train them to meet college math standards.

<b>Learning Course Objectives/Outcomes:</b> 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, quadratic and rational functions and their graphs.

### Course Outline

This schedule is subject to change by the instructor.

TOPICS	TIMELINE
Real Numbers and Algebraic expressions	Month of August & Sep
Linear Equations & Inequalities, Relations and Functions	Month of Sep & Oct
Systems of equations and inequalities, Polynomials	Month of Nov
Rational expressions, Radicals, Rational exponents, Quadratic functions	Month of Nov & Dec

### Grading Matrix:

Instrument	Value	Total
<b>On-line Quizzes</b>		100
<b>Online Homework/Attendance</b>		100
<b>In-class Quizzes</b>		150
<b>Mid-term Exams</b>	2 Mid-term exams at 150 points each	300
<b>Final Exam</b>	One comprehensive final exam	350
<b>Total:</b>		<b>1000</b>

The following standard grading scale will be used to determine your final letter grade:

$$100\% \geq A \geq 90\% > B \geq 80\% > C \geq 70\% > D \geq 60\% > F \geq 0.$$

### 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.
- You must score at least 75% on each Online Homework Assignment to access the corresponding Online Quiz.

### Online Quizzes (on MyMathLab)

- There will be an Online Quiz on each chapter covered in class.
- Each Online Quiz will consist of several questions. You are allowed at most three attempts. Your grade will be the score of the **LAST** attempt.

- Remember! You must earn a 75% on the corresponding Online Homework Assignments (on MyMathLab) before you can access that Online Quiz.
- Online Quizzes' due dates will be announced on the MyMathLab.
- You are supposed to work the Online Quizzes on your own.
- At the end of the semester only the **best 10** online quizzes will be considered.

### **In-class Quizzes** (in class)

- In-class quizzes 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 the quizzes are pointed on the schedule below.
- 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 8 in-class quizzes will be considered.
- The in-class quizzes will consist of questions similar to the Online Homework Assignments, quizzes and class handouts.
- The material that will be covered in the quizzes will be announced a head of time.

### **In Class Exams** (in class)

- There will be two Mid-term Exams. The date for each exam is pointed in the schedule below.
- The final exam will be comprehensive. 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!***

### **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.

### **Make-up exam policy:**

Exams should be taken as scheduled in the class time. No makeup examinations will be allowed except for documented emergencies (See Student Handbook). All requests for make-up exams **MUST** be submitted to the instructor in writing, with the supported documents. It is imperative that you contact your instructor as soon as possible (do **NOT** wait until you return to class!).

### **Classroom Etiquette:**

Appropriate behavior is expected from all students in 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.

### **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.**

### **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. **More than 5 classes may result in being dropped from the course with WF. A student can NOT get better than a grade of C if he/she missed more than 5 classes.**

### **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](http://dallas.unt.edu/sites/default/files/page_level2/pdf/policy/7.001%20Code%20of%20Student%20Rights%20Responsibilities%20and%20Conduct.pdf)

### **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.

**Math Lab hours:**

**Monday 9:00 Am to 7:00Pm**  
**Tuesday 10:00 Am to 7:00Pm**  
**Wednesday 9:00 Am to 7:00Pm**  
**Thursday 10:00Am to 7:00Pm**  
**Friday 5:00Pm - 7:00 Pm**  
**Saturday 10:00 Am to 3:00Pm**

**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, Founders' Hall.

**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 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_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](http://www.unt.edu/dallas). Students are encouraged to update their Eagle Alert contact information, so they will receive this information automatically.

**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.

**Important dates:**

Quiz 1	August 31
Quiz 2	Sep 7
Quiz 3	Sep 14
Quiz 4	Sep 21
Quiz 5	Sep 28
<b>First Hour Exam</b>	<b>Oct 5</b>
<b>Last day to withdraw with an automatic W</b>	<b>NOV 4</b>
Quiz 6	Oct 12
Quiz 7	Oct 19
Quiz 8	Oct 26
Quiz 9	Nov 2
Quiz 10	Nov 9
<b>Quiz 11</b>	Nov 16
<b>Second Hour Exam</b>	<b>Nov 22</b>
Quiz 12	Nov 30
<b>Final Exam</b>	<b>Dec 12 at 5:00-7:00Pm</b>