University of North Texas at Dallas
Spring 2013
SYLLABUS for MATH 1581D - 090's <u>Algebra Review</u> Component

Department of	Mathematics and Information Sciences	Division of	Mathematics
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(Algebra Review) Lab Location	*Building #1, Lab #201D*
Lab Meeting Day & Time	*Tuesday 5:30pm-6:50pm*

Office Hours:	*Mon. 12:00pm-1:00pm & 4:00pm-5:00pm;* *Tues. 9:30am- 10:30am & 04:00pm-05:00pm;* *Wed. 12:00pm-1:00pm & 04:00pm-05:00pm;* *Thur. 09:30am-10:30am & 01:00pm-03:00pm;*
UNT Dallas Mathematics Lab Hours:	*Here are the time intervals when I will be available for help in the Mathematics Lab.* *Mon. 01:00pm-02:00pm;* *Tues. 01:00pm-02:00pm.* *Wed. 01:00pm-02:00pm.* *Mathematics Lab Location: (Bldg#1, 3ʳᵈ floor)* *The Mathematics Lab hours are TBA.*

	UNT Dallas **Mathematics Lab**:
	    DAL#1, 3ʳᵈ floor
	    Mon. Tue. Wed. Th. *10 a.m.-5 p.m.*

You are currently reading in the syllabus for the Algebra Review – Lab component of the 4 - credit hour Math 1581 course. The grade from this portion of the course will represent 25% of your course grade in Math 1581. This part of the course is designed to cover algebra content necessary to successfully complete Math 1580 and other courses as well as to address the math requirements of a liberal arts higher education.

Algebra Review Content on ALEKS:

- Real Numbers and Linear Equations,
- Systems of Linear Equations,
- Functions and (Logarithms),
- Graphs and Linear Equations,
- Exponents of Polynomials,

- Rational Expressions and Functions,
- Radicals and Quadratic Equations

MANDATORY WEB ACCESS: Students must purchase the correct 16 week ALEKS access code. All Algebra Review assessments and assignments must be completed online in the ALEKS platform, at: www.aleks.com. Instructions for logging into ALEKS are included in this syllabus. Students can access ALEKS from anywhere through internet.

REQUIRED MATERIAL: www.aleks.com; Higher Education Semester Term (18 wk version) Access.

ALEKS COURSE CODE For Math1581D.090 : `TVV3M-4MM3Y`

GRADING MATRIX for Algebra Review component of the course.

The student Algebra Review grade is assigned according to the evaluation criteria stated on this syllabus. **Do not expect extra credit work or bonus assignments.**

Instrument	Value	Maximum possible points
Module	11 Modules each worth 2pts	22pts possible
Comprehensive Assessment (CA)	The highest (CA) will be considered.	60pts possible
Attendance	Each attendance worth 18/11 points	18pts possible
Total:		**100**

How to work through ALEKS:
- After you initially sign in to ALEKS, you will be given a tutorial on how to enter information, including graphs, into ALEKS. Pay close attention and take notes.

- Immediately after the tutorial ends, you will be given an initial assessment. ALEKS will attempt to determine your current knowledge level about this subject matter with the initial assessment that will serve as a starting point for remainder of the course. Take the initial assessment seriously.

- After you have completed the initial assessment, you will begin work in learning mode. This is graphically represented by a pie that you will be working to fill in. As such, learning mode is frequently referred to as '*completing the pie*.'

- Each week [**starting from week #2 through week #13 during the semester**] you will have a goal to complete a sufficient number of pie pieces which will require you to work in ALEKS. The weekly % of the topics that you need to complete is referred to as your *Module.*

- Frequently throughout the semester, you will take **comprehensive assessments** (see your schedule for the dates) at the Mathematics Lab of UNTD. The primary goal of this activity is completing 80% of a comprehensive assessment during one of your attempts in the lab throughout the semester.

Modules:
The ALEKS software will require you to take an initial assessment and will then guide you through the process of learning the objectives in the course.

- From the **2nd through the 13th week**, each week you will have a new Module to complete in the Learning Mode of ALEKS.

- You may work on Module Objectives at any appropriately apportioned computer with internet access.

- Each weekly Module worth 2 points (all or none). There are a total of 22 possible points that can be met by the meeting weekly Module Objectives.

- Each weekly Module is having a due date which can be seen from ALEKS GradeBook!!!

Comprehensive Assessments (CA):
- The ALEKS software will require you to take an initial assessment that it will use to set up an individualized learning platform for you. Thereafter, you will work on '*completing the pie*' by completing the weekly Modules.

- You will also have several Comprehensive Assessments to complete. For most students, the Comprehensive Assessment take about an hour to complete, but they are timed up to the 2 hours, so you will have enough time to complete your CA.

- You have to take the Comprehensive Assessments at the Mathematics Lab (Building #1, 3rd floor). Please, ask Mrs. LaTina Branch (Math Learning Specialist) at room #303 (Building #1) to place you at the Testing Center room and enter the password for you to start the Comprehensive Assessment.
    o Please, be sure to take your University ID with you.
    o Be sure to be there between 8:30am and 3:30pm Monday, Tuesday, Wednesday, Thursday, and Friday.
    o You have no right to discuss with anyone any questions while you are taking a Comprehensive Assessment.

- **In order to earn 60 points from the Comprehensive Assessments, you must score 80% or higher on one of the Comprehensive Assessments.**

For those who do not achieve an 80% or higher on a Comprehensive Assessment (CA) before the end of th**e 13th week:**

- If you do not achieve the primary goal of the Algebra Review component and earn an 80% or higher on a Comprehensive Assessment before the end of the 13th week of the semester, then you will get points based on your highest Comprehensive Assessment taken.

What happens once a student receives an 80% or higher on a Comprehensive Assessment?
Once a student earns an 80% or higher on a Comprehensive Assessment taken in the Mathematics Lab, the student will receive full credit for the Algebra Review component of the course (100points, which is 25% of the total score for the course). Students should verify their score with Mrs. LaTina Branch, Math Learning Specialist at the Testing Center. However, those students who passed Comprehensive Assessment must continue to attend the LAB on Tuesdays and work toward completing all the modules and toward completing another ALEKS course assigned by the professor.

'Algebra Review - Lab' Attendance: (Lab Attendance is mandatory)
According to the General Education Assessment Recommendations made in Fall 2012, in order to increase the college readiness, students are required to attend the Algebra Review – Lab (in Building 1, Room #201D) every week to study on ALEKS. 'Lab meeting dates' and 'place' are pointed on the schedule.

This syllabus is subject to change as the instructor deems necessary. *Any/all changes will be announced during regular class time or by email. It is the responsibility of the student to attend each scheduled class to be informed of these changes.*

Goals		Comprehensive Assessments are to be taken in a computer at Mathematics Lab, so check for Math Lab open hours
	Week #1 **Jan.15** No Lab, We meet in class for Lecture	
Module 1 **due to Jan. 22 class-time**	**Week #2** **Jan. 22** AR – Lab meeting; Building 1, #201D	Comprehensive Assessment #1
Module 2 **due to Jan. 29 Lab-time**	**Week #3** **Jan. 29** AR – Lab meeting; Building 1, #201D	
Module 3 **due to Feb. 5 Lab-time**	**Week 4** **Feb. 5** AR – Lab meeting; Building 1, #201D	Comprehensive Assessment #2
Module 4 **due to Feb. 12 Lab-time**	**Week 5** **Feb. 12** AR – Lab meeting; Building 1, #201D	
Module 5 **due to Feb. 19 Lab-time**	**Week 6** **Feb. 19** AR – Lab meeting; Building 1, #201D	Comprehensive Assessment #3

Module 6 **due to Feb. 26 Lab-time**	**Week 7** **Feb. 26** No Lab, Exam #1 Review, we meet in class	
Module 7 **due to March 5 Lab-time**	**Week 8** **March 5** AR – Lab meeting; Building 1, #201D	Comprehensive Assessment #4
	March 12 *SPRING BREAK WEEK*	
Module 8 **due to March 19 Lab-time**	**Week 9** **March 19** AR – Lab meeting; Building 1, #201D	
Module 9 **due to March 26 Lab-time**	**Week 10** **March 26** AR – Lab meeting; Building 1, #201D	
Module 10 **due to Apr. 2 Lab-time**	**Week 11** **Apr. 2** AR – Lab meeting; Building 1, #201D	Comprehensive Assessment #5
Module 11 **due to Apr. 9 Lab-time**	**Week 12** **Apr. 9** AR – Lab meeting; Building 1, #201D	
	Week 13 **Apr. 16** AR – Lab meeting; Building 1, #201D	Comprehensive Assessment #6
	Week 14 **Apr. 23** No Lab, Meeting in class	
	Week 15 **Apr. 30** No Lab, Meeting in class	Comprehensive Assessment #7

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.

CALCULATOR USAGE: Most of the work in this portion of the course is expected to be done without a calculator. ALEKS will make an internal calculator available for certain problems and you are welcome to use it when available. Other calculators are not allowed in while you are working on ALEKS Modules and assignments. Use of a calculator on a Comprehensive Assessment will be considered cheating. It is best practice to not use an outside calculator while working at home so that you are best prepared for the Comprehensive Assessment.

NO MAKE-UPS WILL BE GIVEN. You must complete each Module by the posted due dates. If you do not take a scheduled Comprehensive Assessment, you miss that week's opportunity to earn related points.