

University of North Texas at Dallas

Spring 2013

SYLLABUS

UGMT 1301D: Non-Course Based Option in Mathematics (3 Credit Hours)			
Department of	Mathematics	Division of	Liberal Arts and Life Sciences
Instructor Name:	<i>LaTina Branch</i>		
Office Location:	<i>DAL 1, 333</i>		
Office Phone:	<i>972.338.1643</i>		
Email Address:	latina.branch@unt.edu		
Office Hours:	M – R 10:00 am – 6:00 pm		
Lab Location:	<i>DAL1, 336</i>		
Lab Hours:	M – R 10:00 am – 8:00 pm		
Course Catalog Description:	Non-Course Competency–Based Option in Mathematics. The content of this course will be tailored to the individual student and may include basic algebra, linear equations and inequalities, polynomials, rational expressions, factoring, exponents and radicals, and quadratic equations.		
Prerequisites:	TSI Incomplete		
Co-requisites:	Enrollment in MyFoundations Lab Completion of “In – Lab” hours		
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		
Course Goals or Overview:			
The goal of this course is to develop basic mathematics skills and problem solving ability to become TSI complete			
Learning Objectives/Outcomes: At the end of this course, the student will be able to...			
1	Perform basic arithmetic operations and solve problems involving whole numbers, fractions, decimals and percent		
2	Recognize equivalent fractions and mixed numbers		
3	Use estimation to solve problems		
4	Recognize decimals, fractions, and percent equivalencies		
5	Solve problems including rate, percent, measurement, simple geometry, and distribution of a quantity into fractional parts		
6	Perform computations with integers and rational numbers		
7	Perform operations and ordering numbers using absolute values		
8	Evaluate simple formulas and expressions		
9	Perform mathematical operations on monomials and polynomials		
10	Evaluate positive rational roots and exponents		
11	Solving equations, inequalities, and word problems		

Course Outline

The purpose of the Non Course Based Option is to develop an individualized competency based program in mathematics. By completing the following topics students may become TSI complete in mathematics. Each student is required to take a diagnostic exam that will determine the topics below that must be mastered. The individualized timeline for each student will be outlined in a signed contract.

TOPICS	
Computation w/ Integers and Fractions	Plane Geometry
Estimation, Ordering, and Number Sense	Transformation and Symmetry
Computation w/ Decimals	Measurement (Linear, Area, Three-Dimensional)
Problems Involving Percent	Interpreting Categorical and Quantitative Data
Word Problems and Applications I	Statistical Measures
Real Numbers	Probabilistic Reasoning
Linear Equations, Inequalities	
Algebraic Expressions and Equations	
Quadratic Expressions and Equations	
Word Problems and Applications II	

Course Evaluation Methods

This course is taken on a **Pass/ No Pass** basis and will utilize the following instruments to determine proficiency of the learning outcomes for the course status and student Pass/ No Pass.

- Completion of mathematics diagnostic exam
- Enrollment in *MyFoundations Lab* ®
- Completion of mandatory “In – Lab” hours
- Show “Mastery” of assigned Learning Modules either through the diagnostic test or receiving a score of 80 or higher on the Mastery Quizzes (Post-Tests) in *MyFoundations Lab* ®

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 Student Life and Success, Suite 205 or call Teresa Espino at 972-338-1775.

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:

All assignments are in MyFoundations Lab ®. Students must have internet access in order to complete all assignments.

Exam Policy:

All summative assessments require a password in order to complete them. Summative assessments must be completed during “In – Lab” hours in the presence of a Foundations tutor.

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.

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: Individual student attendance is based on the number of topics needing "Mastery" determined by the diagnostic exam. Students are required to sign in and out of the lab in order to track attendance.

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.