

Course Syllabus **Math 1316**

Course Information

Trigonometry
Spring 2013

Section	Time	Room	Instructor
Math 1316.002	MWF 10am-10:50am	FO2.410	Seoweon Jin

Instructor Contact Information

Dr. Seoweon Jin
Office: FA2.106 972-883-6585(office)
Office hours: M 10:50am – 12:00pm, WF 9:00am – 10:00am, or by appointment
sxj082000@utdallas.edu

Course Pre-requisites, Co-requisites, and/or Other Restrictions

Pre-requisite: MATH 1314 or an equivalent course, or concurrent enrollment in MATH 1314.

Course Description

Angular measure, trigonometric functions, their properties, trigonometric identities, equations, and applications, trigonometric form of a complex number and related topics

Student Learning Objectives/Outcomes

Students will master techniques of computing with trigonometric functions and their inverses, acquire an understanding of how models of real world situations are constructed using trigonometric functions, and develop an algebraic expertise in deriving and verifying trigonometric identities.

Textbook and Suggested Course Material

Textbook: Trigonometry, 8th Edition, by Larson, or Ebook

Calculator: A scientific calculator is recommended. Graphing calculators, programmable calculators, or calculators with non-numeric displays are NOT ALLOWED on quizzes or exams.

Textbook, calculator, and lecture notes should be brought to each class.

Grading Information and Policies

Homework

Weekly homework in the form of take-home quizzes will be assigned. You must download, print-off, complete and staple the homework. Homework must be turned in the *beginning of Monday* lecture. Late homework *will not be accepted* unless the circumstances are extraordinary.

Exams/Quizzes

Weekly quizzes will be taken during lecture. There will be no make-up quizzes unless the circumstances are extraordinary.

There will be no make-up exams unless the circumstances are extraordinary.

Exams and quizzes are closed book, without notes, and without graphing calculators (unless otherwise instructed).

Any document not picked up by the end of finals week will be destroyed.

Final exams are not returned to the student but are held for review for one year.

Grading Policy

Homework: 10%

Two Exams: 50%

Quizzes (weekly): 10%

Comprehensive Final: 30%

<i>Grade Scale:</i>	[97, 100].....A+	[93, 97).....A	[90, 93).....A-
	[87, 90).....B+	[83, 87).....B	[80, 83).....B-
	[77, 80).....C+	[73, 77).....C	[70, 73).....C-
	[67, 70).....D+	[63, 67).....D	[60, 63).....D-
	[0, 60).....F		

Web Resources

Grades will be posted on e-learning as well as homework assignments and solutions.

Course Schedule (subject to change)

Week	Monday	Days Off	Textbook Section	Exam	HW Due	Quiz
1	01/14		Syllabus, 1.1			
2	01/21	Monday	1.2			Q1 (01/25)
3	01/28		1.3, 1.4		HW1 (01/28)	Q2 (02/01)
4	02/04		1.4, 1.5		HW2 (02/04)	Q3 (02/08)
5	02/11		1.6, Review	Exam 1	HW3 (02/11)	
6	02/18		1.7, 1.8			Q4 (02/22)
7	02/25		1.8, 2.1		HW4 (02/25)	Q5 (03/01)
8	03/04		2.2, 2.3		HW5 (03/04)	Q6 (03/08)
9	03/11	MTWRF	Spring Break			
10	03/18		2.3, 2.4		HW6 (03/18)	Q7 (03/22)

Week	Monday	Days Off	Textbook Section	Exam	HW Due	Quiz
11	03/25		2.5, Review	Exam 2	HW7 (03/25)	
12	04/01		3.1, 3.2			Q8 (04/05)
13	04/08		3.2, 3.3		HW8 (04/08)	Q9 (04/12)
14	04/15		3.4, 4.1, 4.2		HW9 (04/15)	Q10 (04/19)
15	04/22		4.3, 4.4		HW10 (04/22)	Q11 (04/26)
16	04/29		Review		HW11 (04/29)	

Exam Information

Exam	Date	Time	Location
Exam 1	Friday, February 15th	regular class time	FO 2.410
Exam 2	Friday, March 29th	regular class time	FO 2.410
Final Exam	Friday, May 10th	8:00am – 10:45am	FO 2.410

Important Dates

Wednesday, January 30th	Last day to drop a class without a W
Tuesday, February 26th	First day to drop with WL
Monday, April 1st	Last day to drop with WL

UT Dallas Syllabus Policies and Procedures

The information contained in the following link constitutes the University's policies and procedures segment of the course syllabus.

Please go to <http://go.utdallas.edu/syllabus-policies> for these policies.

The descriptions and timelines contained in this syllabus are subject to change at the discretion of the Professor.