

Math 2312.0S1
10972

SYLLABUS
Precalculus

Summer 2005
T R 9:00-12:00 ECSN 2.110

Instructor: Dr. D. L. Lewis Office: ECSN 2.510 Phone: 972.883.6037
E-mail: dlewis@utdallas.edu

Office Hours: 4-5 pm T R, or by appointment

TA:

Resource: Math Learning Center MC 2.412 (library) Phone: 972.883.6707
Hours: MTWR 10am-8pm, FS 10am-2pm. Individual tutorials are available by appointment

Textbook: Precalculus, Larson & Hostetler, 6th Edition.

Course Description: This course is designed to provide a thorough understanding of algebraic, exponential, logarithmic, and trigonometric functions. Additionally, the successful student will gain proficiency in the algebraic manipulation required to succeed in Calculus.

Chapters 1 through 5, sections 6.1, 6.2, & 7.1 will be covered as well as additional topics from chapter 6 and chapter 10 as time allows. College Algebra is a prerequisite for this course hence the majority of the material in chapters 1, 2, and 3 is considered review and will be treated accordingly. Those of you with weak algebra skills are strongly encouraged to make use of the many resources available to you on campus. The appendix contains drill problems that will strengthen your skills, the math learning center, noted above, has a wide variety of learning tools and a very helpful staff.

Ground Rules: Be punctual. Turn Off all electronic communication devices. Announcements are generally made at the beginning of class. If you miss class or arrive late, it is your responsibility to acquire any missed notes or announcements. Student participation in class is desired, however, please raise your hand to speak and avoid side conversations with your classmates. Attending university is a privilege, not a right. Behavior that infringes on the learning experience of your classmates will not be tolerated. Cheating, in any form constitutes an infraction of the academic integrity code and will be dealt with according to university disciplinary procedures.

Calculators: A scientific calculator is recommended. Graphing calculators, programmable calculators, or calculators with non-numeric displays are **not allowed** on quizzes or exams.

Assignments: Exercises generally consist of odd-numbered problems, which have solutions in the back of the text. The assignments are intended to supply adequate practice for mastery of the concepts presented in each section. You should challenge yourself by attempting some of the even-numbered problems of like kind. Assignments will not be collected.

Grades: The course grade is based on the following:

Two major exams: See schedule for dates
Five Quizzes: One per week during non-exam weeks
Comprehensive Final Exam: **Thursday July 28 9am – 12:00pm**

Quizzes and major exams are administered during the scheduled class period. The time allotted for most quizzes will be 15 minutes. The time allotted for the major exams will range from 50 to 65 minutes. On exam days, the remaining class period will be devoted to lecture. There will be no make-up exams or quizzes. Exams and quizzes are closed book, without notes, and without graphing calculators (unless otherwise instructed).

Course grade: Quiz total: The best 4 quiz scores will be used and scaled to 100%. 20%
Two major exams: 50%
Final Exam 30%
(the final exam score, if higher, will replace the lower score of the two major exams.)

Letter grades are assigned according to the following scale

[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		

Quiz and Exam scores as well as additional course material will be posted on Webct. To access this information, go to website webct.utdallas.edu, (or access the UTD home page www.utdallas.edu, select current students, then select the Webct icon.). You will need the Unix log on id and password assigned to you at registration. If you do not know your id, go to netid.utdallas.edu and follow the instructions.

Week	Tue		Thur		Scores
1	6/7	Introduction, syllabus, pretest Section 1.1, 1.2, 1.3	6/9	Quiz 1 Sections: 1.4, 1.5, 1.6, 1.7	
2	6/14	Quiz 2 Sections: 2.1, 2.2, 2.3	6/16	Sections: 2.4, 2.5, 2.6	
3	6/21	Exam 1 Sections: 3.1- 3.3	6/23	Sections: 3.4, 4.1, 4.2,	
4	6/28	Quiz 3 Sections: 4.3, 4.4	6/30	Sections: 4.5, 4.6	
5	7/5	Quiz 4 Sections: 4.7, 4.8, 5.1	7/7	Sections: 5.2, 5.3	
6	7/12	Exam 2 Sections: 5.4, 5.5	7/14	Sections: 6.1, 6.2	
7	7/19	Quiz 5 Sections: 6.3, 6.4	7/21	Sections: 6.5, 7.1	
8	7/26	Evaluations, Review, Additional topics Sections: 10.2, 10.3, 10.4	7/28	Final Exam 9 am - 12 pm	