

# Syllabus

Math 2312.002

Fall 2005

**Instructor:** William Scott

Office: EC 3.306

Tel: (972) 883-6034

Office hours: MWF 11:00-12:00, TR 4:00-5:00 or by appointment

Email: [wms016100@utdallas.edu](mailto:wms016100@utdallas.edu)

**Textbook:** Precalculus, 6<sup>th</sup> Ed., Larson/Hostetler

**TA:** Jingsi Xia

Office: FN 1.102

Office hours: TBA

**Lab:** Math Learning Center MC 2.412 (library) Phone: (972) 883-6707

**Hours:** MTWR 10am-8pm, FS 10am-2pm. Individual tutorials are available by appointment.

**Course Description:** This course aims to give students a thorough understanding of algebraic, trigonometric, exponential, and logarithmic functions, the function types most often encountered in the study of calculus.

**Grading:** Midterms

60%

Final Examination

40%

**Examinations:** There will be three midterm examinations and a comprehensive final.

First Midterm                      Sept. 14

Second Midterm                     Oct. 10

Third Midterm                        Nov. 2

Final Examination                  Nov. 30, 11:00 am

There are no make-ups except under extraordinary circumstances.

## Math 2312 Pre-Calculus Homework

Sec 1.1	1-43 odd,57-71 odd,85,87,89
Sec 1.2	1-13 odd,19-25 odd,29-41 odd,49-73 odd,77-95 odd,105,107,113,117,133,135,137
Sec 1.3	1-71 odd,77-97 odd,103,105,109
Sec 1.4	1-37 odd,53-73 odd,95,97
Sec 1.5	1-7 odd,25-41 odd,63,65,67,73,75
Sec 1.6	1-55 odd,73,75,77,81,83
Sec 1.7	1-7 odd,11-27 odd,35-41 odd, 45,51-57 odd,69
Sec 1.8	1-31 odd,39,43,47,51,55,57,61,65,69-77 odd,99,101
Sec 2.1	1-7 odd,13,17,19,23,25,43,47,51,65,71,73,75a,77,79,81,83,97,103
Sec 2.2	1-7 odd,9-21 odd,27,29,33,37,39,41,47,51,53,55-69 odd,73,77,79,89a,b,101,105,109
Sec 2.3	5,9,13,15,37,39,41,57,59,61,69,71,73,91,93,97
Sec 2.4	1-69 odd,73-83 odd
Sec 2.5	3-17 odd,21,37,39,43-51 odd,55-61 odd,65,67,71,105,109,127,129
Sec 2.6	5-39 odd,45,47,49,51a,b,53a,b,55a,b,57a,b,67-73 odd,85,87
Sec 2.7	1-43 odd,69
Sec 3.1	1-31 odd,43-53 odd, 57,63,65,67,81
Sec 3.2	1-49 odd,65,67,71,72
Sec 3.3	1-79 odd,99-105 odd
Sec 3.4	1-63 odd,77,81,83,87,91,93,97,101,103,113,117,121,123,129,131,137,139
Sec 4.1	1-89 odd,99
Sec 4.2	1-51 odds, 57,65-68 all
Sec 4.3	1-25 odd,37,39,41,47-57 all,59,61,65,71,73,75
Sec 4.4	1-57 odd,69,71,73,85-90 all,93,95,105,107,109
Sec 4.5	1-45 odd,49,51,59,61,63,65,79,87-93 odd
Sec 4.6	-
Sec 4.7	1-31 odd,37-73 odd,91,96,97,101,103,107-112 all,113,115
Sec 4.8	1-33 odd,45-57 odd
Sec 5.1	1-53 odd,57-67 odd,77-85 odd,91,93,99,103,105,107-112 all
Sec 5.2	1-51 odd,63-69 odd
Sec 5.3	1-43 odd,55-61 odd,69,71,73,81,87
Sec 5.4	1-71 odd,81,83,87,97,99,101,103
Sec 5.5	1-113 odd,129,131
Sec 6.1	1-39 odd,43,49,51,53
Sec 6.2	1-27 odd,27,3135,39,41,47,57,61-71 odd
Sec 6.3	1-27 odd,31,37-51 odd,55,63-77odd,81,91-97odd
Sec 6.4	1-45 odd,49,51,55,63-69 odd
Sec 6.5	1,3,5,11-17odd,23-29 odd,33-41odd,45-51 odd,55,57,61,65,73-113 odd,133,135
Sec 7.1	5,9,13,17,21,23,25,29,33,37,41,51-61 odd,67,69,71,77,79,81,89,95,97
Sec 7.2	1-23 odd,29,31-34 all,35-47 odd,51,53,71,75,77,81,83