

Course: Math 115 Precalculus – Fall 2011

Math 115 0101 meets in MTH 0303 MWF at 8:00 AM

Math 115 0201 meets in MTH 0303 MWF at 9:00 AM

Instructor: Ernie Harrison

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Please see: <http://www-users.math.umd.edu/users/eharrison/index.html> for current office hours.

Required: Precalculus (Custom for MATH 115), by Stewart, et.al. (ISBN 978-1-1-3339384-9)
Web Assign Access Code (see below)
Graphing calculator, TI-83 or equivalent

Homework: Homework is an integral part of this course and counts 80 points or about 11.5% of the total points for the course. Your homework will be online at <https://www.webassign.net/umd/login.html>. Logon using your University Directory ID and Password. The access code comes with the recommended text as a package or it may be purchased online, but do not use it until the grace period ends, in case you want to change courses. We will be using the “enhanced” version of Web Assign which provides a copy of the text online. Homework will normally be visible about one week before it is due, which is by 8:00 AM on the date listed. Homework is graded as soon as it is submitted, but you have three submissions for each assignment (except true/false and multiple choice). More information about Web Assign is available on the math department's web site: www.math.umd.edu/undergraduate/webassign.

Make-up exam policy: Make-up exams will only be given in the case of serious illness, religious observance, family emergency, or participation in a University activity at the written request of University authorities. In all cases, acceptable documentation must be provided before scheduling a make-up exam. No make-up quizzes will be given.

Disabilities: Students requiring special examination conditions will need to register with the office of Disabled Students Services (DSS) in Shoemaker Hall and make appropriate testing arrangements with them. Please note that any required forms are due to the instructor one week before each exam.

Quizzes and Worksheets: You can expect quizzes or worksheets any class day. Worksheets are generally open-note work done during class after examples given by your instructor. Quizzes are closed-book checks on your work.

The Learning Assistance Service is an excellent resource for mathematics support if you find yourself struggling with this course. You can go online to schedule an appointment at <https://lasonline.umd.edu>. LAS offers consultation regarding math anxiety, improvement of grades, math learning styles, math disabilities, math confidence, math study skills, and other academic issues. Math Success Workshops are another resource available to you. These are held regularly in 3125 South Dining Hall. Finally, free tutoring is available in MTH 0301. Be sure to check out the tutoring schedule.

GRADE POLICY:

3 midterm exams (100 points each)	= 300 pts.
Quizzes	= 120 pts.
Homework	= 80 pts.
<u>Final Examination</u>	= 200 pts
TOTAL	= 700 pts.
SCORE = TOTAL/7.0	

The expectation is that a letter grade will be given using the following scale for the semester average: 90-100 (A), 80-89 (B), 70-79 (C), 60-69 (D), 0-59 (F). There will be no curving of exam grades during the semester. If there is any adjustment to this curve, it will only be done for the course totals and the final grade at the end of the semester.

Honor Code: You are expected to abide by the University Honor Code on all examinations, quizzes, and homework assignments. Copying homework solutions or quiz or test answers from someone else is cheating as is altering a quiz or examination after it has been graded or giving answers to someone during an exam or quiz. You will be asked to write and sign the following honor pledge on each exam unless exempted on assignments by your instructor:

I pledge on my honor that I have not given or received any unauthorized assistance on this examination.

MATH 115—COURSE OUTLINE (Fall 2011)

DATE	SECTION	Practice Problems*	WebAssign Due (8am)
Aug. 31	Algebra Review	Complete review worksheet (due in class 9/2)	9/2
Sept. 2	1.5	p. 54: 25, 35, 37, 49, 59, 69, 75, 85, 91, 93, 99, 105; p. 124: 1-4	9/7
Sept. 7	1.7 (table signs)	p. 80: 25, 31, 43, 45, 53, 59, 69	9/9
Sept. 9	1.7 (absolute value)	p. 80: 79, 81, 83, 107, 117	9/12
	2.1	p. 149: 7, 11, 21, 23, 27, 35, 47, 51, 65	
Sept. 12	2.2	p. 160: 11, 15, 19, 23, 35, 37, 57, 61, 81	9/14
Sept. 14	2.3	p. 169: 5, 19, 23, 29, 31, 45	9/16
Sept. 16	2.4	p. 177: 11, 15, 19, 21, 25	9/19
Sept. 19	2.5	p. 187: 4, odd 5-13, odd 21-39, 63ace	9/21
Sept. 21	2.6	p. 196: 5, 11, 23, 35, 41, 45, 49, 63	9/23
Sept. 23	Review		
Sept. 26	Exam 1 (Sections 1.5, 1.7, 2.1-2.6)		
Sept. 28	3.1, 11.1,	p. 230: 13, 25, 27, 33, 35, 63, 67; p. 730: 11, 13, 15, 29, 33, 47, 55	9/30
Sept. 30	11.2, 11.3	p. 739: 9, 11, 23, 27, 35, 41; p. 748: 5-8, 9, 19, 23, 25, 35, 39	10/3
Oct. 3	Modeling with Fcns	(pp. 213-8) p. 219: 7, 11, 13, 19bc, 21bc	10/5
Oct. 5	3.2	p. 243: 7, odd9-13, 17, 25, 27, 31	10/7
Oct. 7	3.2	p. 244: 23; for each of the graphs II-V, write an appropriate polynomial and then check by matching the graphs with the functions on p.243.	10/10
Oct. 10	3.7	p. 289: 23, 25, odd 33-39; p. 209: 35, 36	10/12
Oct. 12	3.7	p. 290: 45, 53, 55, 57, 65, 83; p. 131: 21, 25, 27, 28	10/14
Oct. 14	4.1, 4.2	p. 308: 15, 19, 21, 25, 27, 29, 47; p. 313: 7, 9, 13, 21	10/17
Oct. 17	4.3	p. 322: 5, 7, 9, 13, 17, 19, 23, 25, 29, 31, 35, 46, 49, 53, 55, 57, 63, 68, 87; p. 338: 39, 41	10/19
Oct. 19	4.4	p. 329: 7, 9, 11, 17, 19, 21, 29, 33, 37, 41	10/21
Oct. 21	4.4, 4.5 (log eqns)	p. 329: 39, 47, 49, 52, 55, 57, 72; p. 338: 43, 49, 53	10/24
Oct. 24	4.5 (exp eqns)	p. 338: 7, 9, 11, 21, 25, 29, 33, 39, 41, 43, 49, 81, 85; p. 353: 7, 9, 19, odd 31-39	10/26
Oct. 26	Review		
Oct. 28	Exam 2 (Sections 3.1, 3.2, 3.7, 4.1-4.5, 11.1-11.3)		
Oct. 31	5.1	p. 375: 3, 9, 13, 17, odd 23-231, 33	11/2
Nov. 2	5.1, 5.2	p. 376: 35, odd 39-45, 53; p. 384: odd 5-13, odd 47-53	11/4
Nov. 4	5.2	p. 384: odd 15-23, 55, 57, 59, 64, 65, 67, 69, 81	11/7
Nov. 7	5.3	p. 396: odd 3-9, 19, 21, 29, 33	11/9
Nov. 9	5.3	p. 396: 35, 39, 43, 47, 61, 77, 79	11/11
Nov. 11	5.4	p. 405: 3-8, 9, 11, 27, 31, 33, 39, 43, 45, 53	11/14
Nov. 14	7.1	p. 498: odd 3-23, 27, 31, 37, 39, 43, 53, 81, 91-96	11/16
Nov. 16	7.2	p. 505: 9, 11, 13, 17, 20, 21, 31, 39, 51, 53, 55, 59, 61	11/18
Nov. 18	7.3 (pp. 507-510)	p. 514: 3, 9, 11, 13, 51, 53, 75, 77, 81, 105	11/21
Nov. 21	7.4	p. 522: 5, 7, 13, 17, 21, 23, 27, 33, 41, 53, 59	11/23
Nov. 23	7.5	p. 528: 3, 5, 7, 11, 13, 17, 23, 27	11/28
Nov. 24-27	Thanksgiving break		
Nov. 28	6.1, 6.3	p. 440: 3, 5, 7, 9, 13, 15, 17, 19, 25, 27, 29, 31, 33, 35, 36, 45- 47, 51, 53, 55, 57, 61, 71, 77; p. 460: 47, 51, 52, 70	11/30
Nov. 30	6.2	p. 448: 5, 11, odd 19-25, 30, 31, 33, 41, 43, 47, 49, 55, 59	12/2
Dec. 2	Review		
Dec. 5	Exam 3 (Chapters 5, 7, Sections 6.1-6.3)		
Dec. 7	6.5	p. 473: 5, 7, 13, 17, 19, 21, 23, 29, 33, 35, 39	12/9
Dec. 9	6.6	p. 480: 3, 7, 13, 15, 17, 39, 41, 43, 45, 47, 51	12/12
Dec. 12	review for final		
Dec. 14	study day—review for the final (time and room to be announced)		
Dec. 15	Final exam 1:30-3:30 (room to be announced in December)		