
University of Lethbridge
Department of Mathematics and Computer Science
Mathematics 2580 • Calculus IV
Course Outline • Spring 2000

TIME OF LECTURES: TTR 1:40–2:55 Room: E790

INSTRUCTOR: Hadi Kharaghani Office: D540

REQUIRED TEXT: *Calculus*,
3rd edition, by James Stewart

GRADING:

Assignments	20%
First Midterm Exam (TR Feb. 3, 1:40–2:55)	22.5%
Second Midterm Exam (TR Mar. 9, 1:40–2:55)	22.5%
Final Exam (April 27, 2:00–4:00)	35%

PRE-REQUISITE: Math 2560 or equivalent.

TOPICS:

Materials corresponding to chapters 12–14 inclusive of the textbook will be covered.

NOTES:

Assignments will be chosen from the following problems:

- Page 768, #8,12,16,22,24,26,32,40,44,60
Page 777, #6,12,16,20,22,26,28,34,38,44,46
Page 784, #6,10,12,18,22,28,30,32,36,54,58,60,66,72,74,76(d),77,78(d),82,86

- Page 793, #6,10,18,28,38,40
Page 800, #6,12,16,20,26,32,34,40,44,48,50
Page 810, #8,16,22,28,38,50,54

- Page 819, #6,12,17,25,31,36,43,47
Page 826, #6,8,11,13,23,37,42

- Page 837, #6,15,16
Page 842, #10,12,14,16,20,22,24,28,36,38
Page 850, #10,12,15,18,20,24,28,36,38,40,42,44,47,50

- Page 856, #4,8,12,14,16,20,22,26,28,31,32
Page 862, #6,12,16,18,22
Page 864, #6,10,18

- Page 872, #10,16,20,26,28,32,34,42,48,49
Page 878, #4,10,20,26,30,34,36,38
- Page 886, #6,8,14,18,20,22
Page 896, #10,20,24
Page 906, #8,12,20,30,36,37
- Page 915, #10,16,20,22
Page 922, #4,10,20,24
Page 929, #8,14,28,44
- Page 949, #8,16,21
Page 955, #4,11,17
Page 960, #6,10,20,23