
University of Lethbridge
Department of Mathematics and Computer Science
Mathematics 2570 • Calculus III
Course Outline • Fall 1999

TIME OF LECTURES: MWF 11:00–11:50 Room: PE238

INSTRUCTOR: Hadi Kharaghani Office: D540

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

GRADING:

Assignments	20%
First Midterm Exam (Fri. Oct. 8, 11:00-11:50)	20%
Second Midterm Exam (Wed. Nov. 5, 11:00-11:50)	20%
Final Exam (Thur. Dec. 20, 1999, 9-12 noon)	40%

PRE-REQUISITE: Math 2560 or equivalent.

TOPICS:

Materials corresponding to at least chapters 9-11 inclusive of the textbook will be covered. We will first cover chapter 10 followed by chapter 11 and then chapter 9.

NOTES:

Assignments will be chosen from the following problems:

- Page 616, #8,12,16,22,24,28,32,42,44,46,48,60,62,64
Page 623, #6,12,18,20,22,26,28,32B
Page 628, #6,10,12,18,22,28,30,32,36
- Page 633, #6,10,14,16,20,24,28,32,35B
Page 639, #6,10,16,20,26,30,34B,36,42B,44B
Page 642, #10,20,30,40
- Page 647, #10,14,16,20,26,28,36B
Page 652, #4,8,10,12,16,18,22,24,28,34B
Page 663, #4,6,10,12,16
- Page 663, #18,20,24,26,36,42,44,46,48,50,52,54B
Page 667, #6,10,14,16,18,20,21,22B
Page 673, #7,8,34,36B
- Page 688, #8,14,20,21,23,26,36,46
Page 695, #6,18,24,30,36,40
Page 700, #16,24,30,42,46,53,61,62,63
Page 708, #12,22,28,33,34,36B,38B

- Page 718, #10,12,16,22,26,30,34,38,40,42,46,50,52,54,56,58,62,64,66,67,70,72B
Page 731, #6,10,14,26,32,38,44,48,60,66,68,71,73,75
- Page 739, #4,8,10,12,14,16,18,22,24,25,30,32,34,39,41,44B,46B
Page 748, #8,10,14,28,30
- Page 551, #8,12,20,27,30,33,35B
Page 558, #4,6,12,14,16,24,30,32,40B
Page 563, #4,8,14,15,22,26,31
- Page 572, #6,12,16,22,28,30,34,36,42,44,48,54,56
Page 578, #6,10,19,25,31,37,45,47,54B