MATH 101 – 02 — CALCULUS I

Semester: Spring 2011

Instructor: Alex Degtyarev   **Office:** SA-130
                      Phone: x 2135   **email:** degt@fen.bilkent.edu.tr

Course webpage: http://www.fen.bilkent.edu.tr/~degt/math101.html

Exams & grading: • **1$^{\text{st}}$ Midterm** (29%)   March 12, 2011 Saturday 14:00
                       • **2$^{\text{nd}}$ Midterm** (29%)   April 30, 2011 Saturday 14:00
                       • **Final Exam** (30%)   *TBA*
                       • **Quizzes+Homework** (12%)

Course schedule: Monday   10:40–12:30   G236
                      Thursday   8:40–10:30   G236
Office Hours: Wednesday   9:40–10:30
                      Thursday   10:40–11:30

Textbook: Thomas, Weir & Hass, *Thomas' Calculus,*
                     Early Transcendentals, 12th Edition, (Pearson, 2010)

	Week	Subject	MT
#1	Jan 31–Feb. 4	Limits and Continuity (2.1–2.2, 2.4)	
#2	Feb. 7–11	Limits and Continuity (2.5–2.6, 3.1–3.2)	
#3	Feb. 14–18	Differentiation (3.3–3.7)	
#4	Feb. 21–25	Differentiation (3.8–3.10)	
#5	Feb.28–Mar.4	Applications of Derivatives (3.11, 4.1–4.3)	
#6	Mar. 7–11	Applications of Derivatives (4.4–4.6, 4.8)	#1
#7	Mar.14–18	Integration (5.1–5.3)	
#8	Mar.21–25	Integration (5.4–5.6)	
#9	Mar. 28–April 1	Applications of Definite Integrals (6.1–6.4, 7.1)	
#10	Apr. 4–8	Techniques of Integration (8.1–8.4)	
#11	Apr. 18–22	Techniques of Integration (8.7)	
#12	Apr.25–29	Infinite Sequences and Series (10.1)	#2
#13	May 2–6	Infinite Sequences and Series (10.2–10.3)	
#14	May 9–13	Infinite Sequences and Series (10.4–10.6)	