

# MATH 101 – 02 — CALCULUS I

**Semester:** Spring 2011

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

**Exams & grading:**

- **1<sup>st</sup> Midterm** (29%)      March 12, 2011 Saturday 14:00
- **2<sup>nd</sup> 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)	