

# MATH 101 – 6 — CALCULUS I

**Semester :** Spring 2013

**Instructor :** Sinan Sertöz

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**Office hours :** *Wednesday 13:40-15:30*

**Course Webpage :** Moodle

**Exams & Grading :**

- **1<sup>st</sup> Midterm** (28%)      *To be announced later*
- **2<sup>nd</sup> Midterm** (28%)      *To be announced later*
- **Final Exam\*** (28%)      *to be announced later*
- **Homework** (16%)

**Course schedule :** Monday 08:40–10:30      Room FC-Z23C  
Wednesday 10:40–12:30      Room FC-Z23C

**Textbook :** Stewart, *Calculus, Metric Version, 7th Edition*,  
(Brooks/Cole, 2012)

Week	Subject	MT
#1	Feb 4–8	Limits (1.4–1.6)
#2	Feb 11–15	Derivatives (1.8, 2.1–2.2)
#3	Feb 18–22	Derivatives (2.3–2.6)
#4	Feb 25–Mar 1	Derivatives (2.7–2.9)
#5	Mar 4–8	Applications of Differentiation (3.1–3.4)
#6	Mar 11–15	Applications of Differentiation (3.5, 3.7)
#7	Mar 18–22	Applications of Differentiation (3.9)
#8	Mar 25–29	Integrals (4.1–4.5)
#9	Apr 1–5	Applications of Integration (5.1–5.3)
#10	Apr 8–12	Applications of Integration (5.5, 6.2*–6.4* )
#11	Apr 15–19	Techniques of Integration (6.6, 6.8, 7.1–7.2)
#12	Apr 22–26	Techniques of Integration (7.3–7.5)
#13	Apr 29–May 3	Applications of Integration (8.1–8.2, 9.3)
#14	May 6–10	Improper Integrals (7.8)
#15	May 13–20	Review

\* **The Final Deal:** *If the final exam score is higher than the lower midterm score, the final exam score replaces the lower midterm score; unless it is more than twice the lower midterm score, in which case the lower midterm score is replaced by twice itself.*