Instructor: Alhun Aydin (Office: FENS G013, alhun.aydin@sabanciuniv.edu)

Teaching Assistant: Emre Duman (dumanemre@sabanciuniv.edu)

Main text: D. J. Griffths, “Introduction to Electrodynamics”

Supplementary text: J. D. Jackson, “Classical Electrodynamics”


PHYS 411-511 Course outline:
1) Vector calculus
2) Electrostatics
3) Boundary value problems
4) Electric field.
5) Magnetostatics
6) Magnetic field.
7) Electromagnetic waves (phase, group and wave front velocities).
8) Wave guides

Grading
6 Homeworks 30%
1 Midterm 30%
1 Final 40%

Class hours
Monday 11:40-13:30 (FENS L047)
Tuesday 08:40-09:30 (FENS L047)

Office hours:
Monday 10:40-11:30