

First class: Monday 04 February

	Instructor	office	tel	office hour
Sect.1 MnWeFr A5 13:30-14:20	SCI Z24 Kaan Güven	Sci 217	1697	MnA6 14:30-15:20
Sect.2 TuThFr A1 09:30-10:20	SCI Z24 Gülay Dereli	Sci 121	1799	FrA2 10:30-11:20
Sect.3 TuThFr A3 11:30-12:20	SCI Z24 Gülay Dereli	Sci 121	1799	FrA4 12:30-13:20
Sect.4 TuThFr A6 14:30-15:20	SCI Z24 Gülay Dereli	Sci 121	1799	ThA7 15:30-16:20
Sect.5 TuThFr A4 12:30-13:20	SCI Z24 Menderes Işkın	Sci 116	1604	MnA6 14:30-15:20
Coordinator: Labs and Problem Sessions	Nazmi Yılmaz	Sci 136	1726	MnA6 14:30-15:20
	Teaching Assts.	Sci 130	1893	Tu B2,B3,B4

Course Web Site: <http://generalphysics.ku.edu.tr>

STUDENTS MUST REGULARLY CONSULT WEB SITE FOR UPDATED, DETAILED COURSE INFORMATION

Required textbook: University Physics by H.D. Young and R.A. Freedman, vol.2 13th Edition, Addison-Wesley (2012). Available at the bookstore

Week	Subject (Chapter in book)	Week	Subject (Chapter in Book)
1 Feb.04	Electric charge and electric field (Ch.21)	9 Apr.01	Sources of Magnetic Field (Ch.28)
2 Feb.11	Gauss' Law (Ch.22)	Apr.08	Spring Break
3 Feb.28	Electric Potential (Ch.23)	Apr.15	Midterm II (Chs.25,26,27,28)
4 Feb.25	Capacitance and Dielectrics (Ch.24)	10 Apr.15	Electromagnetic Induction(Ch.29)
5 Mar.04	Current,Resistance,Electromotive Force(Ch.25)	11 Apr.22	Electromagnetic Induction(Ch.29)
Mar.11	Midterm I (Chs.21,22,23,24)	12 Apr.29	Inductance (Ch.30)
6 Mar.11	Direct-Current Circuits (Ch.26)	13 May.06	Alternating Current (Ch.31)
7 Mar.18	Magnetic Field and Magnetic Forces (Ch.27)	14 May.13	Electromagnetic Waves (Ch.32)
8 Mar.25	Magnetic Field and Magnetic Forces (Ch.27)	May22-Jun02	Final Exam (Chs.29,30,31,32)

Grading: Midterm I 22%, Midterm II 22%, Final 22%, Best 10 of the Weekly Quizzes 10%,
6 Labs + Lab Final 24%

Make-up Policy: If you miss a Midterm, the Final and a Laboratory Session and have a legitimate excuse approved by the University, you will be given an all-inclusive make-up exam on the official make-up date as scheduled by the Registrar's Office. Make up will not be given for PS.

Attendance: All students are required to attend classes, laboratory experiments, and problem sessions (PS's). Students who miss more than 13 classes will get an automatic F irrespective of their course average.

Laboratory: 6 experiments: 1- Electrostatics, 2- Ohm's and Kirchhoff's Laws, 3- RC Circuits, 4- Magnetic Force, 5- RL and RLC Circuits, 6- Transformers and Rectifiers.

Laboratory manual available in the photocopy room at Student Center.

Laboratory notebook available at the bookstore.

Please consult web site for **laboratory guidelines, academic honesty, and classroom conduct.**

Selected problems are posted at the web site and are crucial to success in the course.

We wish our students a successful semester in all aspects. Our doors are always open for consultation.

The Freshman Physics Staff at KU