

First class: Monday 15 February

	Instructor	office	tel	office hour*
Sect.1 MnWd B1 09:30-10:45 SCI Z24 Gülay Dereli		Sci 212	1799	Mo B2 11:00-12:15
Sect.2 TuTh B2 11:00-12:15 SCI Z24 Alper Kiraz		Sci 140	1701	Tu B5 15:30-16:45
Sect.3 TuTh B3 12:30-13:45 SCI Z24 Menderes Işkın		Sci 153	1604	Tu B4 14:00-15:15
Sect.4 TuTh B4 14:00-15:15 SCI Z24 Kaan Güven		Sci 217	1697	Tu B5 15:30-16:45
Sect.5 TuTh B5 15:30-16:45 SCI Z24 Alkan Kabakçioğlu		Sci 261	1830	Tu B2 11:00-12:15
Coordinator: Labs and Problem Sessions	Nazmi Yılmaz	Sci 136	1726	Mo B4 14:00-15:15
	Teaching Assts.	Sci 130	1893	Tu B3, B4, B5

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** 12th Edition, Addison-Wesley (2008). Available at the bookstore.

Additional recommended textbooks: **Fundamentals of Physics, Volume 2** by **David Halliday, Robert Resnick and Jearl Walker**. 8th Edition, Wiley (2007), **Electricity and Magnetism (Berkeley Physics Course vol.2)** by **E.M. Purcell**, 2nd Edition, McGraw-Hill (1984)

Week	Subject (Chapter in book)	Week	Subject (Chapter in Book)
1 Feb.15	Electric charge and electric field (Ch.21)	8 Apr.12	Magnetic Field & Magnetic Forces (Ch.27)
2 Feb.22	Gauss' Law (Ch.22)	9 Apr.19	Sources of Magnetic Field (Ch.28)
3 Mar.01	Electric Potential (Ch.23)	May.04	Midterm II (Chs.25,26,27,28)
4 Mar.08	Capacitance and Dielectrics (Ch.24)	10 Apr.26	Electromagnetic Induction(Ch.29)
Mar.23	Midterm I (Chs.21,22,23,24)	11 May03	Electromagnetic Induction(Ch.29)
5 Mar.15	Current,Resistance,Electromotive Force(Ch.25)	12 May10	Inductance (Ch.30)
6 Mar.22	Direct-Current Circuits (Ch.26)	13 May17	Alternating Current (Ch.31)
7 Mar.29	Magnetic Field and Magnetic Forces (Ch.27)	14 May24	Electromagnetic Waves (Ch.32)
Apr.05	Spring Break	Ju01-11	Final Exam (Chs.29,30,31,32)

Grading: Midterm I 20%, Midterm II 20%, Final 25%, 11 Weekly Thu. Quizzes 11 %, Lab 24%

Make-up Policy: If you miss a Midterm, the Final, a Laboratory Session, or a PS Quiz and have a legitimate absence approved by the University, you will be given a make-up on the official make-up exam date as scheduled by the Registrar's Office.

Attendance: All students are required to attend classes, laboratory experiments, and problem sessions. Even a university approved "Medical Excused Absence" or "Dean of Student's Excused Absence" doesn't relieve you of this attendance requirement. Students who miss more than 9 classes (Excused or Unexcused) 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 at the photocopy office at Suna Kiraç Library.

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