

First classes: MonTue 17-18 Sep. 2012

Instructor	office	tel	office hour
Gülay Dereli	Sci 121	1799	Fr A6 14:30-15:20
Alper Kiraz	Sci 140	1701	Tu A6 14:30-15:20
Kaan Güven	Sci 217	1697	Tu A7 15:30-16:20
Menderes Işkın	Sci 116	1604	Th A7 15:30-16:20
Özgür Müstecaplıoğlu	Sci 155	1424	Th A7 15:30-16:20
Nazmi Yılmaz	Sci 136	1726	Mn A6 14:30-15:20
Teaching Assts.	Sci 130	1893	MnB4,B6, TuB1,B2

Sect.1 MnWeFr A5	13:30-14:20	ENG Z15	Gülay Dereli	Sci 121	1799	Fr A6	14:30-15:20
Sect.2 TuThFr A2	10:30-11:20	ENG Z15	Alper Kiraz	Sci 140	1701	Tu A6	14:30-15:20
Sect.3 TuThFr A3	11:30-12:20	ENG Z15	Kaan Güven	Sci 217	1697	Tu A7	15:30-16:20
Sect.4 TuThFr A4	12:30-13:20	ENG Z15	Menderes Işkın	Sci 116	1604	Th A7	15:30-16:20
Sect.5 TuThFr A6	14:30-15:20	ENG Z15	Özgür Müstecaplıoğlu	Sci 155	1424	Th A7	15:30-16:20

Coordinator: Labs and Problem Sessions

Nazmi Yılmaz

Sci 136 1726

Mn A6 14:30-15:20

Teaching Assts.

Sci 130 1893

MnB4,B6, TuB1,B2

Course Web Site: <http://generalphysics.ku.edu.tr>**STUDENTS MUST REGULARLY CONSULT WEB SITE FOR UPDATED, DETAILED COURSE INFORMATION**

Required textbook: **University Physics** by **Young and Freedman, vol.1** 13th Ed. Addison-Wesley (2012). Available at the bookstore.

Additional recommended textbook: **Fundamentals of Physics** by **David Halliday, Robert Resnick and Jearl Walker, vol.1** 8th Ed. Wiley (2007).

Week	Subject (Chapter in book)	Week	Subject (Chapter in Book)
1 Sep.17	Units and Vectors (Ch.1)	9 Nov.12	Momentum and Impulse (Ch.8)
2 Sep.24	Kinematics in 1D (Ch.2)	10 Nov.19	Gravitation (Ch.13)
3 Oct.01	Kinematics in 2D and 3D (Ch.3)	11 Nov.26	Rotation and Rigid Bodies (Ch.9)
4 Oct.08	Newton's Laws (Ch.4)	Dec.03	Midterm II (Chs.6,7,8,13)
5 Oct.15	Applying Newton's Laws (Ch.5)	12 Dec.03	Dynamics of Rotation (Ch.10)
6 Oct.22	Work and Kinetic Energy (Ch.6)	13 Dec.10	Dynamics of Rotation (Ch.10)
7 Oct.29	Work and Kinetic Energy (Ch.6)	14 Dec.17	Periodic Motion (Ch.14)
Oct.31	Midterm I (Chs.1,2,3,4,5)	15 Dec.24	Mechanical Waves (Ch.15)
8 Nov.05	Potential Energy, Energy Cons. (Ch.7)	Jan.04-14	Final (Chs.9,10,14,15)

Grading: Midterm I 21%, Midterm II 21%, Final 22%, 6 Labs+Lab Final 23%, 13 Weekly Problem Session Quizzes 13%

Make-up Policy: If you miss a Midterm, the Final, a Laboratory Session, or a Problem Session (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 (PS's). Students who miss more than 13 classes will get an automatic F irrespective of their course average.

Laboratory: 6 Experiments: 1- Accelerated Motion on an Inclined Plane, 2- Projectile Motion, 3- Dynamics of Motion, 4- Conservation of Linear Momentum, 5- Rotational Motion, 6- Standing Waves on a String

Laboratory manual available at Copyland.

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 Koç University