

**First classes: Monday, Feb 14<sup>th</sup> 2022**

Sect.1 MoWe 10:00-11:10

Sect.3 MoWe 13:00-14:10

Coordinator

Teaching Assistant

Teaching Assistant

**Instructors**

Serap Aksu

Nazmi Yılmaz

TBA

TBA

**Email**[saksu@ku.edu.tr](mailto:saksu@ku.edu.tr)[nayilmaz@ku.edu.tr](mailto:nayilmaz@ku.edu.tr)**Office hour**

Mo 14:30-15:30

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

Syllabus, previous years exam questions are available in the course website.

Required textbook: **University Physics** by **Young and Freedman, vol.1 15<sup>th</sup> Ed.** Addison-Wesley (2019). Available at the bookstore.

Week	Subject (Chapter in book)	Week	Subject (Chapter in Book)		
1	Feb.14	Units and Vectors (Ch.1)	8	Apr.4	Momentum and Impulse (Ch.8)
2	Feb.21	Kinematics in 1D (Ch.2)	9	Apr.18	Rotation and Rigid Bodies (Ch.9)
3	Feb.28	Kinematics in 2D and 3D (Ch.3)		<b>TBA</b>	<b>Midterm Exam II (all inclusive)</b>
4	Mar.7	Newton's Laws (Ch.4)	10	Apr.25	Dynamics of Rotation (Ch.10)
5	Mar.14	Applying Newton's Laws (Ch.5)	11	May 9	Dynamics of Rotation (Ch.10)
	<b>TBA</b>	<b>Midterm Exam I (all inclusive)</b>	12	May 16	Periodic Motion (Ch.14)
6	Mar.21	Work and Kinetic Energy (Ch.6)	13	May 23	Gravitation (Ch.13)
7	Mar.28	Potential Energy, Energy Cons. (Ch.7)			
				May 30- June 10	<b>Final Exam (all inclusive)</b>

**Grading:** Midterm I 25%, Midterm II 25%, Final 30%, HW 20%**Letter Grade Bins:****A** [100,85], **A-** (85, 80], **B+** (80, 75], **B** (75, 70], **B-** (70, 65], **C+** (65, 60], **C** (60, 55], **C-** (55, 50], **D+** (50, 45], **D** (45, 40], **F** (40, 0]

**IMPORTANT:** All students must register to the Masteringphysics website through the Phys101 course page on <https://ku.blackboard.com/> using the student access code supplied with the course textbook;" Young/Freedman, University Physics with Modern Physics,15th Edition". This is required to access all the homeworks and exams to be conducted in this course.

**Homework:** You will receive **weekly homework assignments** on Masteringphysics. Homeworks will be announced in class, may not be announced separately by email. You should check the system everyweek. In order to get HW credit, each assignment must be completed before the due date set by the instructor. HW due dates are not flexible, will not be extended unless there is problem in MasteringPhysics.

**Participation and Attendance:** No extra credits will be given for attendance. Students are strongly encouraged to attend the classes and problem sets. This course requires strict weekly study, as topics are proceeding fast each week.

**Make-up Policy:** If a student misses an exam and has a legitimate excuse approved by the University, s/he will be given an all-inclusive make-up exam on the official make-up date as scheduled by the Registrar's Office.

**Koç University**

**Statement on Academic Honesty**

**with Emphasis on Plagiarism**

Koç University expects all its students to perform course-related activities in accordance with the rules set forth in the Student Code of Conduct (<http://vpaa.ku.edu.tr/academic/student-code-of-conduct>). Actions considered as academic dishonesty at Koç University include but are not limited to cheating, plagiarism, collusion, and impersonating. This statement's goal is to draw attention to cheating and plagiarism related actions deemed unacceptable within the context of Student Code of Conduct:

All individual assignments must be completed by the student himself/herself, and all team assignments must be completed by the members of the team, without the aid of other individuals. If a team member does not contribute to the written documents or participate in the activities of the team, his/her name should not appear on the work submitted for evaluation.

Plagiarism is defined as 'borrowing or using someone else's written statements or ideas without giving written acknowledgement to the author'. Students are encouraged to conduct research beyond the course material, but they must not use any documents prepared by current or previous students, or notes prepared by instructors at Koç University or other universities without properly citing the source.

Furthermore, students are expected to adhere to the Classroom Code of Conduct

(<http://vpaa.ku.edu.tr/academic/classroom-code-of-conduct>) and to refrain from all forms of unacceptable behavior during lectures. Failure to adhere to expected behavior may result in disciplinary action.

There are two kinds of plagiarism: Intentional and accidental. Intentional plagiarism (Example: Using a classmate's homework as one's own because the student does not want to spend time working on that homework) is considered intellectual theft, and there is no need to emphasize the wrongfulness of this act. Accidental plagiarism, on the other hand, may be considered as a 'more acceptable' form of plagiarism by some students, which is certainly not how it is perceived by the University administration and faculty. The student is responsible from properly citing a source if he/she is making use of another person's work. For an example on accidental plagiarism, please refer to the document titled "An Example on Accidental Plagiarism".

If you are unsure whether the action you will take would be a violation of Koç University's Student Code of Conduct, please consult with your instructor before taking that action.

## **An Example on Accidental Plagiarism**

This example is taken from a document prepared by the City University of New York.

The following text is taken from Elaine Tyler May's *Myths and Realities of the American Family*:

"Because women's wages often continue to reflect the fiction that men earn the family wage, single mothers rarely earn enough to support themselves and their children adequately. And because work is still organized around the assumption that mothers stay home with children, even though few mothers can afford to do so, child-care facilities in the United States remain woefully inadequate."

Below, there is an excerpt from a student's homework, who made use of May's original text:

"As Elaine Tyler May points out, "women's wages often continue to reflect the fiction that men earn the family wage" (588). Thus many single mothers cannot support themselves and their children adequately. Furthermore, since work is based on the assumption that mothers stay home with children, facilities for day care in this country are still "woefully inadequate." (May 589)".

You may think that there is no plagiarism here since the student is citing the original author. However, this is an instance of accidental plagiarism. Although the student cites May and uses quotation marks occasionally, the rest of the sentences, more specifically the following section: "Thus many single mothers cannot support themselves and their children adequately. Furthermore, since work is based on the assumption that mothers stay home with children, facilities for day care in this country are still "woefully inadequate." (May 589)" almost exactly duplicates May's original language. So, in order to avoid plagiarism, the student either had to use quotation marks for the rest of the sentences as well, or he/she had to paraphrase May's ideas by using not only his/her own words, but his/her own original ideas as well. You should keep in mind that accidental plagiarism often occurs when the student does not really understand the original text but still tries to make use of it. Understanding the original text and understanding why you agree or disagree with the ideas proposed in that text is crucial both for avoiding plagiarism and for your intellectual development.

Reference(s):

*Avoiding and Detecting Plagiarism: A Guide for Graduate Students and Faculty*. The Graduate Center. City University of New York, 2012. Web. <[http://www.gc.cuny.edu/CUNY\\_GC/media/CUNY-Graduate-Center/PDF/Publications/AvoidingPlagiarism.pdf](http://www.gc.cuny.edu/CUNY_GC/media/CUNY-Graduate-Center/PDF/Publications/AvoidingPlagiarism.pdf)>