

General Physics Experiment I - Syllabus

Spring semester 2020

Course information

Code	Title	Credit	Coordinator
PHYS161	General Physics Experiment I	1	Office of General Physics

Course objective: Carry out fundamental laboratory experiments involving classical mechanics.

Prerequisites: None.

Textbook: *KPOP* Manual for General Physics Experiment (2020)

Reference: *KPOP* Manual for General Physics (2020)

Course Policies


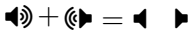
Evaluation : [report 15 points per class] × [9 classes] + [orientation 1 points per class] × [2 classes]
= [137 points total]

The number of warnings	Penalties
3 ~ 5	one-step downgrade
6 ~ 9	two-step downgrade
10 or more	F

If the number of absences is 3 or more, the grade will be F.

Tentative Course Outline

Week	Dates	ACTIVITIES	Comments
W0	03/09 ~ 03/13	SETUP 1	No class
W1	03/16 ~ 03/20	ORIENTATION	
W2	03/23 ~ 03/27	SETUP 2	No class
W3	03/30 ~ 04/03	A1. $[M]^a[L]^b[T]^c$	
W4	04/06 ~ 04/10	A2. $\vec{F} = m\vec{a}$	

W5	04/13 ~ 04/17	A3. $\vec{F}_{1 \rightarrow 2} + \vec{F}_{2 \rightarrow 1} = \vec{0}$	4/15: Election
W6	04/20 ~ 04/24	A4. $\Delta E = 0$	
W7	04/27 ~ 05/01	A5. $I = \int r^2 dm$	4/30: Buddha's Birthday
W8	05/04 ~ 05/08	MIDTERM-EXAM WEEK	No class
W9	05/11 ~ 05/15	A6. $T = 2\pi\sqrt{\frac{\ell}{g}}$	
W10	05/18 ~ 05/22	DAEDONGJE WEEK	No class
W11	05/25 ~ 05/29	A7. $\vec{\tau} = \frac{d}{dt} \vec{L}$	
W12	06/01 ~ 06/05	SETUP 3	No class
W13	06/08 ~ 06/12	A8. 	
W14	06/15 ~ 06/19	A9. 	
W15	06/22 ~ 06/26	FINAL-EXAM WEEK / FINAL ORIENTATION	