

Class2 schedule (Wed 6:30-9:30pm) 2024.02

			Class Grouping									
Group 1	a		21’68	01	06	10	13	25	26	27	29	31
	b		34	36	37	38	39	41	42	43	44	45
Group 2	a		46	47	48	49	50	51	52	53	54	55
	b		56	57	59	60	62	63	65	66	67	68
Exp. No. Weeks & Grp			Experiment Roster									
Week 2	All		Introductory Lecture (location: 博远楼109)									
Week 3	1:30-3:00	All	Pre-lab lecture for experiment E1 & Introduction of the demonstration lab (Room 330)									
	3:00-4:30	Grp 1a	E1 Determination of Surface Tension Coefficient of a Liquid									
		Grp 1b	Demonstration Lab Activity									
Week 4	1:30-3:00	Grp 2a	E1 Determination of Surface Tension Coefficient of a Liquid									
		Grp 2b	Demonstration Lab Activity									
	3:00-4:30	Grp 2b	E1 Determination of Surface Tension Coefficient of a Liquid									
		Grp 2a	Demonstration Lab Activity									
Week 5	1:30-3:00	Grp 1b	E1 Determination of Surface Tension Coefficient of a Liquid									
		Grp 1a	Demonstration Lab Activity									
	3:00-4:30	All	E1 Make-ups									
Week 6	1:30-3:00	All	Pre-lab lectures for experiments E2&E6 (Room 317)									
	3:00-4:30	Grp 1a	E2 Measurement of Linear Expansion Coefficient of Metal (Optical Lever Method)									
		Grp 1b	E6 Measurement of Thermal Conductivity of Poor Conductors									
Week 7	1:30-3:00	Grp 2a	E2 Measurement of Linear Expansion Coefficient of Metal (Optical Lever Method)									
		Grp 2b	E6 Measurement of Thermal Conductivity of Poor Conductors									
	3:00-4:30	Grp 2b	E2 Measurement of Linear Expansion Coefficient of Metal (Optical Lever Method)									
		Grp 2a	E6 Measurement of Thermal Conductivity of Poor Conductors									

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Week 8	1:30-3:00	Grp 1b	E2 Measurement of Linear Expansion Coefficient of Metal (Optical Lever Method)
		Grp 1a	E6 Measurement of Thermal Conductivity of Poor Conductors
	3:00-4:30	All	E2 E6 Make-ups
Week 9	1:30-3:00	All	Pre-lab lectures for experiments E3&E5 (Room 326)
	3:00-4:30	Grp 1a	E4 Measurement of Rotational Inertia (Torsional Pendulum)
		Grp 1b	E7 Determination of Specific Heat Capacity Ratio of Air
Week 11	1:30-3:00	Grp 2a	E4 Measurement of Rotational Inertia (Torsional Pendulum)
		Grp 2b	E7 Determination of Specific Heat Capacity Ratio of Air
	3:00-4:30	Grp 2b	E4 Measurement of Rotational Inertia (Torsional Pendulum)
		Grp 2a	E7 Determination of Specific Heat Capacity Ratio of Air
Week 12	1:30-3:00	Grp 1b	E4 Measurement of Rotational Inertia (Torsional Pendulum)
		Grp 1a	E7 Determination of Specific Heat Capacity Ratio of Air
	3:00-4:30	All	E4 E7 Make-ups
Week 13	1:30-3:00	All	Pre-lab lectures for experiments E4&E7 (Room 315)
	3:00-4:30	Grp 1a	E3 Measurement of Liquid Viscosity Coefficient (Falling Ball Method)
		Grp 1b	E5 Study on String Vibration
Week 14	1:30-3:00	Grp 2a	E3 Measurement of Liquid Viscosity Coefficient (Falling Ball Method)
		Grp 2b	E5 Study on String Vibration
	3:00-4:30	Grp 2b	E3 Measurement of Liquid Viscosity Coefficient (Falling Ball Method)
		Grp 2a	E5 Study on String Vibration
Week 15	1:30-3:00	Grp 1b	E3 Measurement of Liquid Viscosity Coefficient (Falling Ball Method)
		Grp 1a	E5 Study on String Vibration
	3:00-4:30	All	E3 E5 Make-ups
Week 16	All		Revision & Report Submission
Week 17	All		Examination

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Remarks	① Numbers shown in class grouping are the last 2 digits of the Student ID, e.g., 01 → 2324503001. If you are not from Year 23 admission, your year will be displayed before the last 2 digits of your Student ID, e.g., 18'16 → 1824503016. ② Each 3-hour lab is divided into 2 sessions: Session 1 (1:30 – 3:00) and Session 2 (3:00 – 4:30). In each session, students need to finish one assigned experiment according to their grouping and lab schedule. ③ Please complete Part I&II of your lab reports before entering the lab. You may visit the webpage (http://phylab.suda.edu.cn/30415/list.htm) for lecture PPT and (http://phylab.suda.edu.cn/22517/list.htm) for teaching videos on the relevant experiments for your pre-lab studies. ④ Lab report template can be downloaded on the following web page, http://phylab.suda.edu.cn/f0/14/c22518a520212/page.htm. Subject Textbook <i>Essential University Physics Experiment</i> is available for purchase online, https://etextbook.hep.com.cn/book/1090518990922448896. ⑤ No Class due to Labour Day Holiday on Week 10. ⑥ Please scan the following QR code for the QQ study group. Further course related announcements, tasks and materials will be dispatched mainly through QQ.
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