

Experimental Physics Lab-II

Spring 2022 Schedule

Lab session	Date	Time	Groups	Topics	Venue
1	21 Jan	09:30-13:00	All	Python programming for science and engineering (I)	Dean's Smart Lab (4th floor SSE building)
2	28 Jan	09:30-13:00	All	Python programming for science and engineering (II)	Dean's Smart Lab (4th floor SSE building)
3	04 Feb	09:30-13:00	All	<ul style="list-style-type: none"> ▪ Plotting ▪ Uncertainties ▪ Curve fitting ▪ optimization ▪ ML examples ▪ (Part 1) 	Dean's Smart Lab (4th floor SSE building)
		14:30-16:30	Group A	Electrical soldering	9-1C1
		16:30-18:30	Group B	Electrical soldering	9-1C1
4	11 Feb	09:30-13:00	All	<ul style="list-style-type: none"> ▪ Plotting ▪ Uncertainties ▪ Curve fitting ▪ optimization ▪ ML examples ▪ (Part 2) 	Dean's Smart Lab (4th floor SSE building)
		14:30-15:30	All	Video Tracking in PhysLab	Dean's Smart Lab (4th floor SSE building)
		15:30-16:30	All	Data Acquisition using PhysLogger	Dean's Smart Lab (4th floor SSE building)

5	18 Feb	09:30-13:00	Group C	Workshop practice (mechanical workshop, CNC, CAD)	Dean's Smart Lab (4th floor SSE building) and Physlab Workshops (1 st floor SSE Building and Basement)
		14:30-18:00	Group B	Workshop practice (mechanical workshop, CNC, CAD)	Dean's Smart Lab (4th floor SSE building) and Physlab Workshops (1 st floor SSE Building and Basement))
6A	25 Feb	09:30-13:00	Group A	Workshop practice (mechanical workshop, CNC, CAD)	Dean's Smart Lab (4th floor SSE building) and Physlab Workshops (1 st floor SSE Building and Basement)
6B		14:30-18:30	Group B& C	Electrical soldering	9-1C1
7-14	04 Mar-22 April	09:30-18:30	All groups	Regular advanced physics experiments	Advanced Physics Lab (1 st floor SSE building)