

TECHNICAL PHYSICS II

Timetable of the laboratory exercises Winter semester 2024/25

<u>week pair</u>	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.
1	introd.	11	12	13	14	16	17	18	19	22	24	spare	concl.
2	introd.	12	13	14	16	17	18	19	22	24	11	spare	concl.
3	introd.	13	14	16	17	18	19	22	24	11	12	spare	concl.
4	introd.	14	16	17	18	19	22	24	11	12	13	spare	concl.
5	introd.	16	17	18	19	22	24	11	12	13	14	spare	concl.

11 – Measurement of the Coefficient of Isochoric Expansion of Gas

12 – Measurement of the Poisson Constant of Gas

13 – Study of the Properties of Electric Field

14 – Study of the Temperature Dependence of Resistance of Conductor

16 – Study of the Electrolysis

17 – Study of the Charging and Discharging of the Capacitor

18 – Measurement of the Charge to Mass Ratio of Electron by the Magnetron

19 – Measurement of the Magnetic Field of the Earth

22 – Measurement of the Speed of Sound by the Resonance Method

24 – Measurement of the Focal Length of Lens

Sources:

<https://www.sjf.stuba.sk/english/institutes/institute-of-mathematic-and-physics/education.html>