

**Schedule of laboratory classes of the Strength of Materials course  
for 2nd year students of Mechatronic Engineering in the winter semester 2025/2026**

	Time	Group No.	Date/Laboratory group number							
			10.10	17.10	24.10	07.11	14.11	21.11	28.11	05.12
FRIDAY	8:00-9:30	L3	L3	L3	L3	L3	L3	L3	L3	L3
				-	-	-	-	-	-	-
	9:45-11:15	L1, L2	L1+L2	L1	L1	L1	L1	L1	L1	L1
				L2	L2	L2	L2	L2	L2	L2
Topic for the I-st group			NDT Intr.	NDT	B2	FEM/T Intr.	FEM	T	E	B1
Topic for the II-st group			NDT Intr.	B2	NDT	FEM/T Intr.	T	FEM	B1	E

Topic	Lecturer	Topic symbol	Laboratory	No. of hours
Identification of mechanical properties of materials	F. Matachowski BEng, PhD	<b>B</b>	B1 – tension, compression tests B2 – toughness test, hardness measurement Basement blds. B2/B3 r. 06	4
Non-destructive testing of materials	A. Korbel BEng, PhD	<b>NDT</b>	Laboratory of non-destructive testing Basement bld. B2 r. 011	3
Photoelasticity	A. Drzewosz-Bera BEng, PhD	<b>E</b>	Laboratory of Photoelasticity Basement B3/B4 r. 015/3	2
Strain gauge measurements	S. Badura BEng, PhD	<b>T</b>	Laboratory of strain gauge measurements Basement bld. B2 r. 011	3
Stress and strain state analysis	F. Matachowski BEng, PhD	<b>FEM</b>	Bld. B2, 3 <sup>rd</sup> fl. r. 318	2

**NOTES:**

- The theoretical introduction („NDT”, „T”, „FEM” lab) will take place in **room 011** in the basement of **building B2**.
- **Report templates** for each laboratory can be found on the website:  
<https://kpem.agh.edu.pl/dydaktyka>
- One report is prepared by two students – **it has to be brought to the practical classes**.
- Each practical classes begin with a **short test checking theoretical knowledge** (descriptive questions).
- After the laboratory classes, prepare a report and provide it to the lecturer **within 2 weeks**.