Laboratory of Advanced Strength of Materials - Schedule

2nd year of MEE, Faculty of Mechanical Engineering and Robotics,

Summer term 2025/2026

	Time	Group No.	Date/Laboratory group number						
			9.03	16.03	23.03	30.03	13.04	20.04	27.04
MONDAY	16:45-18:15	L1, L2	L1+L2	L1	L1	L1	L1	L1	L1
				L2	L2	L2	L2	L2	L2
	18:30-20:00	L3	L3	L3	L3	L3	L3	L3	L3
Topic for the I-st group			**NDT/T Intr.**	**NDT**	**B1**	**T**	**FEM**	**B2**	**E**
Topic for the II-st group			**NDT/T Intr.**	**B1**	**NDT**	**FEM**	**T**	**E**	**B2**

Topic	Lecturer	Topic symbol	Laboratory	No. of hours
Identification of the mechanical properties of materials	F. Matachowski BEng, PhD	**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	**NDT**	Laboratory of non-destructive testing Basement bld. B2 r. 011	3
Photoelasticity	A. Drzewosz-Bera BEng, PhD	**E**	Laboratory of Photoelasticity Basement B3/B4 r. 015/3	2
Strain gauge measurements	S. Badura BEng, PhD	**T**	Laboratory of strain gauge measurements Basement bld. B2/B3 r. 06	3
Stress and strain state analysis	F. Matachowski BEng, PhD	**A**	Bld. B2, 3rd fl. r. 318	2

NOTES:

- The theoretical introduction („NDT", „T" lab) will take place in room 011 in the basement of **building B2 r. 011**.
- **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).
- Each report must be submitted in person to the lab instructor responsible for the respective laboratory topic **within a strict deadline of two weeks** from the date of the experiments (during consultation hours).