Gliwice 2023-03-01

SCHEDULE OF LABORATORY EXERCISES

MEASUREMENT SCIENCE

ACADEMIC YEAR 2022/2023, SUMMER SEMESTER

WEDNESDAY 10^{15}– 11^{45}, ROOM B24

	DATE	SECTION 1	SECTION 2	SECTION 3
1.	March 1	INTRODUCTION		
2.	March 8	CAL	VMI	PMS
3.	March 15	IMP	CAL	VMI
4.	March 22	EVALUATION I		
5.	March 29	PMS	IMP	CAL
6.	April 5	VMI	PMS	IMP
7.	April 12	EVALUATION II		
8.	April 19	DIE	RSM	FMS
9.	April 26	CTS	DIE	RSM
10.	May 10	EVALUATION III		
11.	May 17	FMS	CTS	DIE
12.	May 24	RSM	FMS	CTS
13.	May 31	EVALUATION IV		
14.	June 7	ADDITIONAL DATE		
15.	June 14	COMPLETION OF THE COURSE		

EXERCISES:

1. CAL — CALIBRATION OF MEASURING INSTRUMENTS
2. IMP — MEASUREMENT OF IMPEDANCE COMPONENTS WITH DMMS
3. PMS — POWER MEASUREMENTS
4. VMI — VIRTUAL MEASURING INSTRUMENTS
5. DIE — INVESTIGATION OF DIELECTRIC MATERIALS
6. CTS — CALIBRATION OF TEMPERATURE SENSORS
7. FMS — FORCE MEASUREMENTS
8. RSM — MEASUREMENT OF ROTATIONAL SPEED

LITERATURE:

1. Set of laboratory instructions in digital form
2. Sydenham P. H.: *Handbook of Measurement Science*. Vol. 1 and 2. John Willey & Sons, 1982