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## Laboratory Practices – Theses PHYSICAL CHEMISTRY AND COLLOID CHEMISTRY

№	Theses	Hours
1.	SAFETY INSTRUCTIONS FOR STUDENTS IN THE CHEMISTRY LABORATORIES. PRESENTATION AND PROCESSING OF EXPERIMENTAL DATA - SEMINAR	3
2.	DETERMINATION OF THERMODYNAMIC PROPERTIES OF VISCOUS FLOW	3
3.	CHEMICAL EQUILIBRIUM IN HOMOGENEOUS SYSTEMS. EXAMINATION OF THE EQUILIBRIUM $Fe^{2+}/Fe^{3+}$	3
4.	CONDUCTOMETRIC STUDY OF THE DISSOLUTION OF SOLIDS	3
5.	DETERMINATION OF PARTITION COEFFICIENT OF IODINE BETWEEN WATER AND ORGANIC SOLVENT	3
6.	DETERMINATION OF ADSORPTION ISOTHERM OF ACETIC ACID ON ACTIVATED CHARCOAL	3
7.	STUDY OF THE KINETICS OF THE IODIDE–HYDROGEN PEROXIDE CLOCK REACTION	3
8.	COLLOQUIUM	3
9.	CONDUCTOMETRIC DETERMINATION OF PROPERTIES OF WEAK ELECTROLYTES	3
10.	CONDUCTOMETRIC DETERMINATION OF PROPERTIES OF STRONG ELECTROLYTES	3
11.	POLARIMETRIC STUDY OF THE RATE OF HYDROLISIS OF SUCROSE	3
12.	ELECTROPHORETIC DETERMINATION OF $\zeta$ (ZETA) POTENTIAL	3
13.	DETERMINATION OF CRITICAL MICELLE CONCENTRATION	3
14.	KINETIC STUDY OF SEDIMENTATION OF SUSPENSIONS	3
15.	ESSAY PRESENTATION	3

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Plovdiv

Head of the Department of Chemical Sciences.....  
/Prof. K. Gavazov, PhD/