

INFORMATION LETTER – MODULE COURSE – DETAILS OF MODULE

1	Name of the Educational Activity PREPARATORY MODULE COURSE FOR STUDY OF TECHNICAL FIELD AT STU (PMCSTF STU)			
	Name of Module		CHEMISTRY (CHEM)	
	Provides		Slovak University of Technology in Bratislava (STU) Institute of Lifelong Learning of STU	
2	Organisation form Modular educational course using e-learning in the form of: <ul style="list-style-type: none">seminars on areas of study,practical training to obtain new knowledge and skills,consultations (in person, in written form, on-line). The training is organised in one cycle for 6 weeks. The applicant is required to send a filled-in signed application form in Institute of Lifelong Learning of STU, Vazovova Street 5, 81243 Bratislava. Contact: jazykove.centrum@stuba.sk ; www.stuba.sk ; Mobil: + 421917669198			
3	Target groups		Those interested in studying technical programmes, students from STU, foreign students and foreign interested from abroad of study.	
4	Required initial education		secondary school-leaving certificate	
5	Graduate's profile The graduate will have knowledge of Chemistry basis of applied sciences and engineering, and will use his knowledge of Chemistry in theoretical and practical applications; he will be prepared for pursuing the study programme in the selected faculty of the STU. He will adapt his professional knowledge to the conditions of practice.			
6	Methods Lectures, seminars, theme work, consultations, individual study			
7	Volume of CHEM	39 hours	of which theory	39 hours
			of which practice	0 hours
8	Study plan of CHEM*			
	Name of specialised theme	Number of hours	Theory	Practice
	CHEM			
	1. States of matter	6	6	0
	2. Chemical equations and calculations	16	16	0
	3. The speed of a reaction and equilibrium	8	8	0
	4. The periodic table	6	6	0
	5. Metals, properties and extraction	3	3	0
	Total	39	39	0
9	Assessment Continuous assessment - tests, exercises, examples ...			
10	Form of final examination – theoretical – practical			
	Theoretical: The examinations are held in written and oral form at the conclusion of the module. Written: Final test with a success rate of over 60%. Oral: At the end of the course. Acquired document: After successful completion of the module the student will obtain a certificate. Completing the module will increase the prerequisites for successful study at technical programme and use of knowledge in practice. Price of course: EUR 136,50 (39 hours)			Practical Exercises oriented at verification and acquisition of professional knowledge in subject of Mathematics and its application to study branches in which the students mean to specialise in their further study in the higher education institution.
11	Material and Technology Equipment Premises: Institute of Lifelong learning of STU, Vazovova Street 5, 812 43 Bratislava. Technology equipment, teaching aids: desks for students, PCs, feedback projectors, screens, recorders and players, flipchart, study texts in print, on CD and on-line, data projector. Study materials: D.D. Ebbing, S.D. Gammon, General Chemistry, 11-th Ed., 2017, Cengage Learning, Boston, USA; A.Sirota, Z. Biela, M. Jamnický, A. Kotočová, D. Valigura, Lab. works in general chemistry, 1990, STU, FCHPT.			

1/1

* The curriculum, in the case of interest, is available at the Language Centre ILL STU.