FACULTY:	**Faculty of Technology and Education**
FIELD OF STUDY:	Materials Science and Engineering
COURSE TITLE:	**General Chemistry Laboratory**
LECTURER'S NAME:	mgr inż. Michał Wojtewicz
E-MAIL ADDRESS OF THE LECTURER:	michal.wojtewicz@tu.koszalin.pl
ECTS POINTS FOR THE COURSE:	2.0
ACADEMIC YEAR:	2015/2016
SEMESTER: (W – winter, S – summer)	S
HOURS IN SEMESTER:	30
LEVEL OF THE COURSE: (1st cycle, 2nd cycle, 3rd cycle)	1st cycle
TEACHING METHOD: (lecture, laboratory, group tutorials, seminar, other-what type?)	Laboratories (30h)
LANGUAGE OF INSTRUCTION:	English
ASSESSMENT METOD: (written exam, oral exam, class test, written reports, project work, presentation, continuous assessment, other – what type?)	Written test, lab reports
COURSE CONTENT:	The course covers the following topics: – qualitative inorganic analysis (reactions of the cations and the anions; – quantitative inorganic analysis (titrimetric analysis, solvent extraction, electoanalytical and spectroanalitycal methods, conductimetry); – basics of the organic chemistry (organic preparation, analysis of the functional groups in organic chemistry).
ADDITIONAL INFORMATION:	Required knowledge – IUPAC nomenclature of inorganic chemistry
RECOMMENDED LITERATURE	[1] *Skoog D.A., West D.M, Holler J.F., Crouch S.R. *Fundamentals of Analytical Chemistry. 9E*. 2004 Brooks/Cole, Cengage Learning, ISBN13: 978-0-495-55828-6 (2014). [2] Svehla G. *Vogel's - Textbook of Macro and Semimicro Qualitative Inorganic Analysis. 5E.* Longman Group Limited, ISBN: 0-582-44367-9 (1979). [3] Feffery G.H., Bassett J., Mendham J., Denney R.C. *Vogel's - Textbook of Quantitative Chemical Analysis. 5E.* Longman Group UK Limited, ISBN: 0-582-44693-7 (1989).

Michał Wojtewicz, 09.06.2014r.