

FACULTY:	<b>Institute of Technology and Education</b>
FIELD OF STUDY:	Materials Science and Engineering
COURSE TITLE:	<b>Physics laboratory</b>
LECTURER'S NAME:	dr Tomasz Suszko
E-MAIL ADDRESS OF THE LECTURER:	Tomasz.suszko@tu.koszalin.pl
ECTS POINTS FOR THE COURSE:	3
ACADEMIC YEAR:	2014/2015
SEMESTER: (W – winter, S – summer)	W
HOURS IN SEMESTER:	30
LEVEL OF THE COURSE: (1 <sup>st</sup> cycle, 2 <sup>nd</sup> cycle, 3 <sup>rd</sup> cycle)	1 <sup>st</sup> cycle
TEACHING METHOD: (lecture, laboratory, group tutorials, seminar, other-what type?)	Laboratory (15h)
LANGUAGE OF INSTRUCTION:	English
ASSESSMENT METHOD: (written exam, oral exam, class test, written reports, project work, presentation, continuous assessment, other – what type?)	Oral or written reports
COURSE CONTENT:	<p>The Physics Laboratory aim to train students in laboratory skills:</p> <ul style="list-style-type: none"> <li>• assembling and operating simple apparatus,</li> <li>• following given experimental procedures,</li> <li>• taking, analyzing and interpreting data,</li> <li>• determination of experimental uncertainties,</li> <li>• presenting the results of an experiment in a written report.</li> </ul> <p>Students are provided with detailed instructions and sets of apparatus.</p> <p>Instructors are available in the laboratories and help during experiments.</p>
ADDITIONAL INFORMATION:	Required knowledge – secondary school physics, algebra, elements of differential calculus.
RECOMMENDED LITERATURE	

Tomasz Suszko 9.06.2014