

## Information sheet for the course Information Science II

<b>University:</b> <i>Alexander Dubček University of Trenčín</i>					
<b>Faculty:</b> <i>Faculty of Industrial Technologies in Púchov</i>					
<b>Course unit code:</b> <i>PP-P-12</i>			<b>Course unit title:</b> <i>Information Science II</i>		
<b>Type of course unit:</b> <i>optional</i>					
<b>Planned types, learning activities and teaching methods:</b> <i>Laboratory tutorial: 3 hours weekly/39 hours per semester of study; face to face</i>					
<b>Number of credits:</b> 3					
<b>Recommended semester:</b> <i>2<sup>nd</sup> semester in the 1<sup>st</sup> year full-time</i> <i>2<sup>nd</sup> semester in the 1<sup>st</sup> year part-time</i>					
<b>Degree of study:</b> <i>the 1<sup>st</sup> degree of study (Bachelor's degree)</i>					
<b>Course prerequisites:</b> <i>PP-P-7 Information Science I</i>					
<b>Assessment methods:</b> <i>Active participation in the seminars. The final test.</i>					
<b>Learning outcomes of the course unit:</b> <i>The student is informed and can work with analytical tools in a spreadsheet and can use them e.g. for processing of measured data. Student is also familiar with the digitization of data, creation of special graphs, DTP (Desktop Publishing) programs and their application for creating professional printed materials and promotional materials.</i>					
<b>Course contents:</b> <i>Analytical tools, solver and other supplements in a spreadsheet for data analysis, their statistical evaluation, etc. Regression analysis of the measured data. Digitalization of data from printed graphs. Creating special graphs and their application in practice. DTP programs for the production printed materials and promotional materials. Specialised purpose focused software.</i>					
<b>Recommended of required reading:</b> <i>Manual of Engauge Digitizer.</i> <i>Manual of analytical tools of Microsoft Office.</i>					
<b>Language:</b> <i>Slovak</i>					
<b>Remarks:</b>					
<b>Evaluation history:</b>					
A	B	C	D	E	FX
<b>Lecturers:</b> <i>doc. Ing. Jan Krmela, PhD.</i>					
<b>Last modification:</b> <i>31.03.2015</i>					
<b>Supervisor:</b> <i>doc. Ing. Ján Vavro, PhD.</i>					