

## Information sheet for the course Dissertation Project I

<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>M-P-8</i>			<b>Course unit title:</b> <i>Dissertation Project I</i>		
<b>Type of course unit:</b> <i>compulsory</i>					
<b>Planned types, learning activities and teaching methods:</b> <i>Laboratory tutorial: 4 hour weekly/52 hours per semester of study; face to face</i>					
<b>Number of credits:</b> <i>6</i>					
<b>Recommended semester:</b> <i>4<sup>th</sup> semester in the 2<sup>nd</sup> year full-time 5<sup>th</sup> semester in the 3<sup>rd</sup> year part-time</i>					
<b>Degree of study:</b> <i>the 3<sup>rd</sup> degree of study (PhD. degree)</i>					
<b>Course prerequisites:</b> <i>none</i>					
<b>Assessment methods:</b> <i>PhD students will individually elaborate a project in the form of a written report in the range of at least 15 pages, which evaluates the supervisor. The project must to collect and analyze current knowledge of the state of scientific knowledge in the area of dissertation, the definition of the dissertation main objectives, objects and research methods that will be used for the implementation of experiments focused on the dissertation. Dissertation Project I serve as the basis for the written part of the dissertation examination, which is defended and reported during the dissertation examination.</i>					
<b>Learning outcomes of the course unit:</b> <i>Student is capable of independent scientific work, is able to work with professional and foreign literature, to collect and analyze current knowledge of the state of scientific knowledge in the area of dissertation. Student can define the main objectives of the dissertation, to characterize objects and choose research methods that will be used for the implementation of experiments focused on the dissertation. He is able to independently analyze and evaluate solutions to problems within the experimental part of his dissertation. Perfectly means the principle of the experimental methods used and has laboratory skills in the use of laboratory equipment and facilities. Student has the necessary knowledge of technical terminology (in a foreign language) for the consistent processing of literature research from the area of dissertation and for the elaboration of doctoral Dissertation Project I.</i>					
<b>Course contents:</b> <i>Work with technical literature and foreign scientific publications on the topic of dissertation, collection and analysis of current knowledge about the state of scientific knowledge in the area of dissertation, the definition of the main objectives of dissertation, the principle characteristics of objects and research methods that will be used for the implementation of experiments focused on dissertation and methods of research. Elaboration of the project in the form of a written report in the range of minimum 15 pages, which will be used as a basis for the written work for the dissertation examination.</i>					
<b>Recommended of required reading:</b> <i>1. The scientific literature and foreign scientific publications to the topic of dissertation</i>					
<b>Language:</b> <i>Slovak, English</i>					
<b>Remarks:</b>					
<b>Evaluation history:</b> Number of evaluated students: <i>0</i>					
A	B	C	D	E	FX

0.0	0.0	0.0	0.0	0.0	0.0
<b>Lecturers:</b> <i>prof. Ing. Darina Ondrušová, PhD., prof. Ing. Ján Vavro, PhD., prof. Ing. Františka Pešlová, PhD., prof. RNDr. Mariana Pajtášová, PhD., prof. Ing. Eugen Jóna, DrSc., doc. Ing. Marta Kianicová, PhD., doc. Ing. Pavol Lizák, PhD., doc. RNDr. Ján Bezecný, CSc., doc. Ing. Petra Skalková, PhD., doc. Ing. Iva Sroková, CSc., doc. Mgr. Ivan Kopal, PhD., doc. Ing. Jan Krmela, PhD., doc. RNDr. Ladislav Matejíčka, CSc.</i>					
<b>Last modification:</b> 30.04.2014					
<b>Supervisor:</b> <i>prof. Ing. Darina Ondrušová, PhD.</i>					