

Information sheet for the course Dissertation Project II

University: <i>Alexander Dubček University of Trenčín</i>	
Faculty: <i>Faculty of Industrial Technologies in Púchov</i>	
Course unit code: <i>M-P-16</i>	Course unit title: <i>Dissertation Project II</i>
Type of course unit: <i>compulsory</i>	
Planned types, learning activities and teaching methods: <i>Laboratory tutorial: 8 hour weekly/104 hours per semester of study; face to face</i>	
Number of credits: <i>18</i>	
Recommended semester: <i>7th semester in the 4th year full-time 9th semester in the 5th year part-time</i>	
Degree of study: <i>the 3rd degree of study (PhD. degree)</i>	
Course prerequisites: <i>none</i>	
Assessment methods: <i>PhD students will individually elaborate a project in the form of a written report in the range of at least 20 pages, which evaluates the supervisor. The project shall document the ability of independent scientific work of the PhD student. It must include an analysis of current knowledge about the state of scientific knowledge in the area of dissertation, the definition of the main objectives of the dissertation, the characteristics of objects and methods of research used for the implementation of experiments focused on the dissertation, description of completed experiments, evaluation and interpretation of the results obtained, or suggestions for further solutions. The main results of the experiments summarized in Dissertation project II PhD students present at scientific seminar at department. Dissertation project II serves as a basis for Dissertation thesis.</i>	
Learning outcomes of the course unit: <i>PhD 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 and stylistic skills for the elaboration of doctoral Dissertation project II.</i>	
Course contents: <i>Analysis of the current knowledge of the state of scientific knowledge in the area of dissertation, in the terms of defined objectives, characteristics of objects and the principle of research methods used for the implementation of experiments focused on the dissertation. Independent scientific work of PhD student, experiments, evaluation and interpretation of the results obtained, formulation of sub-conclusions, suggestions for further solutions. Elaboration of the project in the form of a written report in the range of minimum 20 pages, which will be used as a basis for Dissertation thesis. Presentation of main results summarized in doctoral Dissertation project II at scientific seminar at department.</i>	
Recommended of required reading: <i>1. The scientific literature and foreign scientific publications to the topic of dissertation</i>	
Language: <i>Slovak, English</i>	
Remarks:	
Evaluation history:	

Number of evaluated students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
Lecturers: <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>					
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Supervisor: <i>prof. Ing. Darina Ondrušová, PhD.</i>					