

Information sheet for the course Ecology and Environment

University: <i>Alexander Dubček University of Trenčín</i>					
Faculty: <i>Faculty of special technology</i>					
Course unit code: <i>ŠST/B/1-07/d</i>			Course unit title: <i>Ecology and Environment</i>		
Type of course unit: <i>compulsory</i>					
Planned types, learning activities and teaching methods: <i>1 hour of exercise per week, semester work</i>					
Number of credits: <i>1</i>					
Recommended semester: <i>5th semester in the 3rd year of study /full-time / 5th semester in the 3rd year of study /part-time /</i>					
Degree of study: <i>I.</i>					
Course prerequisites: <i>none</i>					
Assessment methods: <i>100% attendance and active creative work on the seminar hours, the attainment of goals seminars, mastering technical terminology correctly semester work. Once during the semester written test demonstrating knowledge.</i>					
Learning outcomes of the course unit: <i>The student is familiar with the basics of Environment. Understand the nature of biotic and abiotic processes, the energy source and substance cycles in nature. Give information about geosystems earth, natural resources and opportunities for acquisition. Become familiar with the basic components of the environment (soil, water, and air), understand the nature of global problems of the environment. She realizes the importance of environmental impact on human health and the tool handle environmental care.</i>					
Course contents: <i>Meaning, objectives and content of the course. Human population and the environment (human, human and environment, regulatory mechanisms, environment, ecology, ecosystems, environmental studies. Biotic and abiotic environmental factors. Sources of energy and matter in nature. Geosystems earth. Natural resources and their acquisition. The basic components of the environment - water, soil, air. the global environment problems. human environment. environmental effects on human health. social tools care environment (legal, economic, social, international security environment protection).</i>					
Recommended of required reading: <i>ŠANDORA, J.: Environmentalistika I. Trenčín: TnUAD, 2012. ISBN 978-80-8075-561-4 ČERVINKA, P.: Ekologie a životní prostředí. Praha: NČGS, 2012. ISBN 978-80-86034-97-3 BLAŽEJ, A.: Udržitelný rozvoj - základná rozvojová paradigma 21. storočia. Bratislava: Úrad vlády SR, 2005. ISBN 80-88707-70-6 AGENDA 21 a TRVALO UDRŽATELNÝ ROZVOJ. 2001, Bratislava: MŽP SR, 2001. ISBN 80-88833-03-5</i>					
Language: <i>Slovak</i>					
Remarks: <i>Subject is required.</i>					
Evaluation history <i>Total number of students being evaluated: 234</i>					
A	B	C	D	E	FX
11,11	31,2	37,71	12,39	7,69	0.0
Lecturers: <i>Ing. Štefan Pivko, PhD. - instructor</i>					
Last modification: <i>15.4.2014</i>					
Supervisor: <i>prof. Ing. Jiří Balla, CSc., guarantee of the study program Special Mechanical Engineering Technology</i>					