

Information sheet for the course
Safety of Technical Systems and Safety at Work

University: <i>Alexander Dubček University of Trenčín</i>	
Faculty: <i>Faculty of special technology</i>	
Course unit code: <i>SaOA/B/1-02/d</i>	Course unit title: <i>Safety of Technical Systems and Safety at Work</i>
Type of course unit: <i>compulsory</i>	
Planned types, learning activities and teaching methods: <i>1 hour of exercise per week, semester work, attendance method</i>	
Number of credits: 2	
Recommended semester: <i>1st semester in the 1st year (full-time)</i> <i>1st semester in the 1st year (part-time)</i>	
Degree of study: <i>I. (bachelor)</i>	
Course prerequisites: <i>none</i>	
Assessment methods: <i>100% participation in laboratory exercises, fulfilling the objectives and conditions of exercise, min. 80% participation in exercises, proper semester work and demonstrate knowledge of subject content in written and oral examination. Final assessment: Semester work + exam through a written test with a focus on theoretical knowledge of the subject and the support of the oral response, which shall verify the application of theoretical knowledge to handle the scenario. Of the 20 points is required to evaluate the minimum obtained: (E) - 13 points, (D) - 15 points (C) - 16 points (B) - 17 points (A) - 18 points.</i>	
Learning outcomes of the course unit: <i>The student knows how to navigate the international and national legal standards of health and safety of workers, the safety of technical equipment and fire safety. It is a comprehensive set of information on the organization of occupational health and safety, detection and prevention of risks in terms of production and repair organization.</i>	
Course contents: <i>Basic principles and regulations SR and EU legislation aimed at OSH. Brief description of the laws, rules and regulations applicable to the area: work safety, accident rates, detection and risk assessment of selected works on special workplaces and facilities. Safety at work dedicated lifting, pressure, gas and electrical appliances. Impact assessment of the working environment for job security. Addressing the issue of fire safety from the implementation of preventive measures, fire security in accordance with applicable legislative measures to providing first aid for burns.</i>	
Recommended of required reading: <i>GALETA, A., LIPTÁK, P.: Bezpečnosť a ochrana zdravia pri práci, Trenčianska univerzita A. Dubčeka v Trenčíne 2008, ISBN 978-80-8075-323-8</i> <i>Zákon Národnej rady Slovenskej republiky č. 272/1994 Z.z. o ochrane zdravia ľudí.</i> <i>Zákon č. 124/2006 Z.z. o bezpečnosti a ochrane zdravia pri práci a o zmene a doplnení niektorých zákonov v znení zákona NR SR č. 309/2007 Z.z.</i> <i>Zákon č. 125/2006 Z.z. o inšpekcii práce a o zmene a doplnení zákona č. 82/2005 Z.z. o nelegálnej práci a nelegálnom zamestnávaní a o zmene a doplnení niektorých zákonov v znení zákona NR SR č. 309/2007</i> <i>Vyhláška MPSVaR SR č. 508/2009 požiadavky na bezpečnosť technických zariadení Z.z. na zaistenie bezpečnosti a ochrany zdravia pri práci a bezpečnosti technických zariadení.</i> <i>Ďalšie platné zákony a legislatívne nariadenia EU a SR</i>	
Language: <i>Slovak</i>	
Remarks: <i>The subject is provided in the summer semester in the first year of full-time study</i>	

Evaluation history

Total number of students being evaluated: 538

A	B	C	D	E	FX
31,97	26,02	13,57	15,06	12,83	0,56

Lecturers: *Ing. Ivan Kopecký, PhD. - instructor*

Ing. Štefan Pivko, PhD. – instructor

Last modification: *15.4.2014*

Supervisor: *Assoc.prof. Ing. Alexej Chovanec, PhD, guarantee of the study program “Vehicles Maintenance and Repair”*