

Information sheet for the course Industrial Toxicology

University: <i>Alexander Dubček University of Trenčín</i>					
Faculty: <i>Faculty of Industrial Technologies in Púchov</i>					
Course unit code: <i>MI-P-32</i>			Course unit title: <i>Industrial Toxicology</i>		
Type of course unit: <i>compulsory</i>					
Planned types, learning activities and teaching methods:					
<i>Lecture: 2 hours weekly/26 hours per semester of study; face to face</i>					
<i>Seminar: 1 hours weekly/13 hours per semester of study; face to face</i>					
<i>Laboratory tutorial: 0 hours</i>					
Number of credits: 5					
Recommended semester: <i>5th semester in the 3rd year full-time</i> <i>7th semester in the 4th year part-time</i>					
Degree of study: <i>the 1st degree of study (Bachelor's degree)</i>					
Course prerequisites: <i>none</i>					
Assessment methods:					
<i>During the semester, the student has to work out the assigned project and defend it. At the end of the semester will be a test and oral exam. Active participation in the seminars.</i>					
Learning outcomes of the course unit:					
<i>The student can recognize in given problems.</i>					
Course contents:					
<i>Basic concepts and definitions, Applied branches of toxicology, Poisons, Toxicity, Mutagens, Carcinogens and teratogens (carcinogens in foods, air, water and soil, Poisonings and interaction of toxic substances with organisms, Toxic effects of a selected elements of secondary subgroup inorganic elements and their compounds, Toxic effects of hydrocarbons and hydroxyderivatives of hydrocarbons, Toxic effects of polychlorinated biphenyls and organometallic compounds, Chemical, radioactive and biological substances and their effects on living organisms, The distribution and toxicological characteristics of pesticides, The effects of drugs and types of drug addiction, The effects of mycotoxins, Toxicological risks of industrial productions.</i>					
Recommended of required reading:					
<i>BESEDA I. A KOL.: TOXIKOLÓGIA. 2. VYDANIE, ELFA, KOŠICE 1999.</i>					
<i>CHMIELEWSKÁ, E., BEDRNA, Z.: Rizikové látky a environmentálne hazardy, Cicero, s.r.o. Bratislava, 2007, ISBN 978-80-969678-0-3.</i>					
<i>PALEČEK, J., LINHART, I., HORÁK, J.: TOXIKOLOGIE A BEZBEČNOST PRÁCE V CHEMII, FAKULTA CHEMICKÉ TECHNOLOGIE, PRAHA, 1999, ISBN 80-7080-266-9.</i>					
<i>PROKEŠ J.aj.: Základy toxikologie. Obecná toxikologie a ekotoxikologie. Galén, Praha 2005</i>					
Language: <i>Slovak</i>					
Remarks:					
Evaluation history:					
<i>The total number of evaluated students: 0</i>					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
Lecturers: <i>prof. RNDr. Mariana Pajtášová, PhD.</i>					
Last modification: <i>31.03.2014</i>					
Supervisor: <i>prof. Ing. Darina Ondrušová, PhD.</i>					