Information sheet for the course: Toxicology and High-risk Charakteristics of Materials

University: Alexander Dubček University of Trenčín				
Faculty: Faculty of Industrial Technologi	ies in Púchov			
Course unit code: MI-I-PV-21E	Course unit title: Toxicology and High-risk			
	Charakteristics of Materials			
Form, scope and method of educational activity:				
Form of study: Lecture / Seminar / Labo	ratory tutorial			
Recommended number of lessons (hours):				
Weekly: 2/1/0 During the semester:	: 24 / 12 / 0 Method of study: attendance method			
Number of credits: 4				
Recommended semester: 3.				
Degree of study: The 2nd degree of study	У			
Course prerequisites:				
Assessment methods:				
Assessment during the semester:				
Summary assessment of work results duri	ng the semester $= 40$ points			
The condition to graduate course unit is to elaborate semestral work and written exam.				
Student can sign in exam after 20 points achievement at least in assessment during the				
semester.				
Final assessment:				
Assessment of exam results = 60 points				
Exam is realized in the form of written test.				
Grading scale:				
Grade A: $91 - 100$ points				
Grade B: 81 – 90 points				
Grade C: $71 - 80$ points				
Grade D: $61 - 70$ points				
Grade E: 55 – 60 points				
Grade FX: less than 55 points				
Learning outcomes of the course unit:				
Student knows how to use the knowled	ge of toxicology in the processes of environmental			
contamination by toxic xenobiotics, its risk factors and properties of selected materials				
categories. Student knows toxicological characteristics of selected chemical substances and				
harmful substances categories. Student k	nows the legislation on labelling, classification and			
Comme contentation	ices.			
Course contents:	a visala av			
basic terms and derinitions, dividing of to	DAICOIOgy.			
The meaning of toxicology and ecoloxico	logy for industry.			
Assessment of the sharring sofety of the	c substances.			
Assessment of the chemical safety of the	substance.			
DDT and vDvD assassment Evensure ass	norios			
PB1 and VPVB assessment, exposure scen	narios.			
Risk management, assessment and classif	Ication			
Chamical substances in products.	agans mutagans concoluctive toxic substances and			
endocrino disruptore	ogens, mutagens, reproductive toxic substances and			
Harmful substances: polychlorinated hydrocarbons, dioxins, heavy metals				
Acidic and greenhouse gases				
Recommended of required reading:				
TOMAŠKOVÁ M·Neheznečná látlava	ochrana pred požiarmi. Košice, 2014. ISBN			
978-80-553-1934-6				

CHMIELEWSKÁ, E., BEDRNA, Z.: Rizikové látky a environmentálne hazardy, Cicero, s.r.o.

Bratislava, 2007. ISBN 978-80-969678-0-3.					
KURUCZ J.: Toxické vlastnosti prvkov a ich zlúčenín. Vydavateľstvo UMB Banská Bystrica:					
2015. ISBN 978-80-557-0856-0.					
FARGAŠOVÁ A.: Environmentálna toxikológia a všeobecná ekotoxikológia. Vydavateľstvo					
Orman, 2008. ISBN 9788096967568.					
E-learning TnUAD.					
Language:					
English					
Remarks:					
Compulsory elective course					
Evaluation history: 26					
Total number of graded students:					
A B	С	D	Е	FX	
46.15 15.38	30.77	0.0	3.85	3.85	
Lecturers: Ing. Andrea Feriancová, PhD., prof. RNDr. Mariana Pajtášová, PhD.					
Last modification: 31.08.2022					
Supervisor: prof. RNDr. Mariana Pajtášová, PhD.					