

## Information sheet for the course Industrial System Management

<b>University:</b> <i>Alexander Dubček University of Trenčín</i>	
<b>Faculty:</b> <i>Faculty of Industrial Technologies in Púchov</i>	
<b>Course unit code:</b> <i>MT-PV-11</i>	<b>Course unit title:</b> <i>Industrial System Management</i>
<b>Type of course unit:</b> <i>optional</i>	
<b>Planned types, learning activities and teaching methods:</b> <i>Lecture: 2 hours weekly/26 hours per semester of study; face to face</i> <i>Seminar: 0</i> <i>Laboratory tutorial: 0</i>	
<b>Number of credits:</b> <i>2</i>	
<b>Recommended semester:</b> <i>5<sup>th</sup> semester in the 3<sup>rd</sup> year full-time</i> <i>5<sup>th</sup> semester in the 3<sup>rd</sup> year part-time</i>	
<b>Degree of study:</b> <i>the 1<sup>st</sup> degree of study (Bachelor's degree)</i>	
<b>Course prerequisites:</b> <i>none</i>	
<b>Assessment methods:</b> <i>active attendance, presentation, writing exam. It is necessary to get min. 60% of spots for successful graduation.</i>	
<b>Learning outcomes of the course unit:</b> <i>Students have necessary information about the structure and information management in information and management systems for the process management, operation, enterprises. Student also understands the interaction human – machine. Knows also information about functions and logistic system consequence in enterprises, system of quality management, history of quality management, the main forms of various approaches to quality management – Japanese quality management system, American quality management system and European quality management system.</i>	
<b>Course contents:</b> <i>Informative and production technologies in industrial production</i> <i>The subject of industrial production</i> <i>General trends in information and managing systems,</i> <i>Industrial communication systems</i> <i>Connections management</i> <i>The base of logistics system in enterprise</i> <i>Quality management system in business surroundings</i> <i>Systemic integration for diagnostic, visualization, monitoring, manoeuvring of production and technologic processes by internet.</i>	
<b>Recommended of required reading:</b> <i>KOVÁČ, F.: Distribuované riadiace systémy, STU Bratislava, 1998</i> <i>MUDRONČÍK, D., ZOLOTOVÁ, I.: Priemyselné programovateľné regulátory, ELFA STU, Bratislava, 2000</i> <i>Návrat P. a kol: Umelá inteligencia STU Bratislava 2001</i> <i>MALEJČÍK, A. -- MALEJČÍKOVÁ, A. Logistika. 3. vyd. Nitra : Slovenská poľnohospodárska univerzita, 2012. 182 s. ISBN 978-80-552-0774-2 (brož.).</i> <i>SCHULTE, C. -- TOMEK, G. -- BAUDYŠ, A. Logistika. Praha: VICTORIA PUBLISHING, 1994. 301 s. ISBN 80-85605-87-2.</i>	
<b>Language:</b> <i>Slovak</i>	
<b>Remarks:</b>	

<b>Evaluation history: 60</b>					
A	B	C	D	E	FX
15.0	26.67	28.33	18.33	8.33	3.33
<b>Lecturers:</b> <i>Ing. Katarína Jankacká, PhD.</i>					
<b>Last modification:</b> <i>31.03.2014</i>					
<b>Supervisor:</b> <i>doc. Ing. Marta Kianicová, PhD.</i>					