

Information sheet for the course

Logistics

University: <i>Alexander Dubček University of Trenčín</i>					
Faculty: <i>Faculty of special technology</i>					
Course unit code: <i>ŠST/I/2-46/d</i>			Course unit title: <i>Logistics</i>		
Type of course unit: <i>compulsory</i>					
Planned types, learning activities and teaching methods: <i>2 hours lecture / 2 hours exercise per week face to face</i>					
Number of credits: 5					
Recommended semester: <i>3rd semester in the 2nd year (full-time)</i> <i>4th semester in the 2nd year (part-time)</i>					
Degree of study: <i>II. (engineer)</i>					
Course prerequisites: <i>none</i>					
Assessment methods: <i>During the semester there will be three written review of 10 points, to obtain the user and must be obtained at least 28 points, to obtain user B at least 27 points to score at least 23 points C, D to score at least 20 points and score at least 18 points E . Credit will not be awarded to a student who checks out some written for less than 6 points.</i>					
Learning outcomes of the course unit: <i>To acquire a basic knowledge of management, coordination and optimization of flows of material, information and financial and related logistics processes in a manufacturing company. Understand the technical, organizational and informational aspects of logistics and prove apply them in practice.</i>					
Course contents: <i>The concept of logistics, the structure and scope of processes and factors influencing its development. Goals, objectives, strategy and logistics concept. Process management. Integrated supply chain. Main field of industrial logistics. Acquisition Logistics. Production logistics. Distribution logistics. Subsystems logistics (managing inventory, storage and picking, transportation and handling). The organizational structure of the logistics business. Kontrolling logistics. Information systems in logistics. Reverse Logistics.</i>					
Recommended of required reading: <ol style="list-style-type: none"> 1. Cibulka, V., <i>Logistika, Integrovaná logistika, TnUAD Trenčín, 2015, ISBN 978-80-8075-652-9, 206 s.</i> 2. Čambal, M., Cibulka, V., <i>Logistika výrobného podniku, STU Bratislava, 2008, ISBN 978-80-227-2904-8, 198 s.</i> 3. Cibulka, V., <i>Aktívne manažovanie zefektívňovania logistických systémov, STU Bratislava, 2008, ISBN 978-80-227-2980-2, 152 s.</i> 4. Sakál, P. a kol., <i>Logistika výkonného podniku, SP Synergia Trnava, 634 s., ISBN 978- 80-254-5754-2, 2009.</i> 5. Pernica, P., <i>Logistika (Suplly Chain management) pro 21. století, Radix spol. s r. o., 2004, ISBN 80-86031-59-4</i> 6. Lambert, D., M., Stock, J., R., Ellram, L., M., <i>Logistika, Vydavatelství Computer Press, Praha 2000, s. 589, ISBN 80-7226-221-1.</i> 7. SIXTA, J. MAČÁT, V. <i>Logistika : Teorie a praxe, 1. vyd. Brno, CP Books, 2005, 315 s. ISBN 80-251-0573-3.</i> 					
Language: <i>Slovak language or German or Russian</i>					
Remarks:					
Evaluation history: <i>Total number of students being evaluated:</i>					
A	B	C	D	E	FX
Lecturers: <i>Assoc.prof. Viliam Cibulka, CSc.</i>					

Last modification: 12.2.2015

Supervisor: *prof. Ing. Jiří Balla, CSc., guarantee of the study program “Special Mechanical Engineering Technology”.*