

## Information sheet for the course Weapon systems

<b>University:</b> <i>Alexander Dubček University of Trenčín</i>					
<b>Faculty:</b> <i>Faculty of special technology</i>					
<b>Course unit code:</b> <i>ŠST/B/1-42/d</i>			<b>Course unit title:</b> <i>Weapon systems</i>		
<b>Type of course unit:</b> <i>compulsory</i>					
<b>Planned types, learning activities and teaching methods:</b> <i>Lecture 2 hours weekly, seminar 2 hours weekly</i>					
<b>Number of credits:</b> 5					
<b>Recommended semester:</b> <i>5<sup>th</sup> semester in the 3<sup>rd</sup> year of study /full-time / 7<sup>th</sup> semester in the 4<sup>th</sup> year of study /part-time /</i>					
<b>Level of study:</b> <i>I.</i>					
<b>Prerequisite courses:</b> <i>none</i>					
<b>Assessment methods:</b> <i>100 % attendance - seminars, fulfillment of laboratory exercises goals, 60 % attendance - lectures, proving the knowledge of subject content in written and oral examination.</i>					
<b>Learning outcomes of the course unit:</b> <i>Student has knowledge about all parts of weapon system, ballistics and its parts, means of target destruction (ammunition, bombs, warhead missiles), tube and rocket weapons, fire control systems, surveillance means in hyperspectral area, logistics of weapon systems.</i>					
<b>Course contents:</b> <i>Weapon system notion. Ballistics and their parts. means of target destruction (ammunition, bombs, warhead missiles), tube and rocket weapons, fire control systems, surveillance means in hyperspectral area, logistics of weapon systems.</i>					
<b>Recommended of required reading:</b> <i>TVAROŽEK, J., GALETA, A.: Základy konštrukcie špeciálnej techniky. Lafetácia zbraní. I.diel zaťaženie, stabilita a kmitanie lafetácie - 1.vyd.. 2006. Trenčín: Trenčianska univerzita Alexandra Dubčeka v Trenčíne, ISBN 80-8075-181-1, 163 s.</i> <i>FIŠER, M., LIPTÁK, P., PROCHÁZKA, S., MACKO, M., JOZEFEK, M.: Automatické zbrane. Konštrukcia skúšanie - 1. vyd.. 2006. Trenčín: Trenčianska univerzita A. Dubčeka v Trenčíne, ISBN 80-8075-089-0, 263 s.</i> <i>LIPTÁK, P., KOPECKÝ, I.: Špeciálna technika. Stroje a zariadenia. - 1.vyd.. 2005. Trenčín: Trenčianska Univerzita Alexandra Dubčeka, ISBN 80-8075-053-X, 230 s.</i> <i>JOZEFEK, M, LIPTÁK, P.: Meranie a skúšanie špeciálnej techniky - 1.vyd.. 2005. Trenčín: Fakulta špeciálnej techniky Trenčianska univerzita Alexandra Dubčeka, ISBN 80-8075-097-1, 121 s. 27.obr 7.tab.</i> <i>BALAŠTÍK, P., WOLF, V., ČECH, V.: Lafetace děl - 1. vyd.. 1984. Brno: VAAZ, 3 s.</i> <i>GALETA, A., JOZEFEK, M., LIPTÁK, P.: Experimentálne metódy. Senzory - 1.vyd.. 2008. Trenčín: Trenčianska univerzita Alexandra Dubčeka, ISBN 978-80-8075-320-7, 101s.</i>					
<b>Language:</b> <i>Slovak</i>					
<b>Remarks:</b> <i>Compulsory subject</i>					
<b>Evaluation history</b> <i>Total number of students being evaluated: 317</i>					
A	B	C	D	E	FX
1,03	11,63	16,28	27,91	41,86	1,30
<b>Lecturers:</b> <i>prof. Ing. Jiří Balla, CSc. - lecturer Ing. Ján Tvarožek, PhD. - instructor</i>					
<b>Last modification:</b> <i>15.2.2014</i>					
<b>Supervisor:</b> <i>prof. Ing. Jiří Balla, CSc., guarantee of the study program Special Mechanical Engineering Technology</i>					

