

Information sheet for the course Physiology

University: <i>Alexander Dubček University of Trenčín</i>					
Faculty: <i>Faculty of Health Care</i>					
Course unit code: FYZ/e			Course unit title: Physiology		
Type of course unit: <i>compulsory</i>					
Planned types, learning activities and teaching methods: <i>Lecture: 1 hour weekly/13 hours per semester of study; full-time</i>					
Number of credits: 2					
Recommended semester: <i>3rd semester in the 2nd year (part-time)</i>					
Degree of study: <i>I (bachelor)</i>					
Course prerequisites: none					
Assessment methods: <i>During semester student can get 50 points</i> <ul style="list-style-type: none"> - <i>Test (20 points)</i> - <i>Oral examination (30 points)</i> For assesment A is necessary get at least 48 points, for B at least 44 points, for C at least 41 points, for D at least 38 points and for E minimum 35 points.					
Learning outcomes of the course unit: After completing the course the student is able to: <ul style="list-style-type: none"> - define the basic concepts of physiology to explain the functions of the human body, - explain the context and relationships of individual systems, - compare the differences in the regulation of the nervous system and the endocrine system. 					
Course contents: <ol style="list-style-type: none"> 1. Introduction to physiology - definition. 2. Physiological principles 3. General neurophysiology 4. Physiology of muscles 5. Physiology of blood 6. Physiology of blood circulation 7. Physiology of respiration 8. Physiology of digestion and absorption 9. Physiology of excretion 10. Thermoregulation, acid-base balance 11. Physiology of the CNS, sensory and motor nervous system 12. Physiology of the immune system, physiology of physical effort 13. Physiology of endocrine glands 					
Recommended of required reading: <ol style="list-style-type: none"> 1. KITTNAR, O. a kol. 2011. <i>Lékařska fyziologie</i>. Grada Publishing, a.s., 2011. 790 s. ISBN 978-80-247-3068-4. 2. SCHMIDT, R. F. 1993. <i>Memorix Fyziologie</i>. 1993. Scientia Medica, spol. s r.o., 1993. 310s. ISBN 80-85526-18-2. 3. MASÁR, O., MALINA, A. 2006. <i>Fyziológia pre nelekárske odbory</i>. Trenčín 2006. 112 s. 					
Language: Slovak					
Remarks:					
Evaluation history: <i>Number of evaluated students</i>					
A	B	C	D	E	FX

Lectures:	prof. MUDr. Adriana Ondrušová, PhD.				
Last modification:	22.04.2014				
Supervisor:	doc. MUDr. Mária Štefkovičová, PhD., MPH.				