

Implementation plan Finished

Study unit	Structure and Functioning of the Human Body (V1604), 5.0
Implementation	SNV1711: 1/2017-2018 (28.08.2017 - 22.12.2017)
Type	THE BASICS OF NURSING CARE (V125)
Groups	Primary: SNV217SN Others :
Involved in the project	
Lecturers	
Number of participants	Minimum: 20 Maximum: 40
Enrolment period	15.05.2017 08:00 - 31.05.2017
Main timing for implementation	On working days during daytime
Applicability	For exchange students: Yes For elective studies: No Open UAS student: No Suitable for virtual UAS: Yes
Teachers	Mulder Riikka (Teacher in charge), Tamankag Emmaculate (Other teacher), Tamankag Paul (Other teacher), Viitala Sari (Other teacher)
Campus	Laurea Tikkurila
Main location for implementation	At the campus
Implementation method	Optima realization/student group, Other method of implementation, Web/virtual Language: English Virtuality: 2 cr Integration of R&D: 0 cr
Implementation class	LbD supporting knowledge and skills development
Focus areas	Expertise in nursing and coping at home
Evaluation at the latest	22.01.2018 Storing of graded material ends.: 22.12.2018
Exam days	
Having completed the study unit the student is able to	The students will be able to • describe the main concepts of anatomy and physiology • describe the structure and functioning of cells, tissues, organs and organ systems, and explain their significance in the functioning of the human body as a whole • describe the main concepts of microbiology and pathology, and the classification of diseases • explain the significance of microbes for human health and the causation of infectious diseases • explain how different factors affect the causation of diseases and cause changes in the body • describe the different types of tissue damage, their causation mechanisms and symptoms • justify the use of basic medical imaging and bioanalytical methods in nursing based on their knowledge of human anatomy and physiology • explain the general principles of radiation protection
Previous studies	
Contents	Part 1: Anatomy and physiology 3 cr (Paul Tamankag)Part 2: Microbiology 1 cr online course (Sari Viitala)Part 3: Investigating human body 1 cr =0.5cr Imaging online course+ 0.5cr Bioanalytics (Emma Tamankag)
Study material	Part 1: • Gerard J. Tortora, Bryan H. Derrickson, Lisa Dougherty. 2011: Principles of Anatomy and Physiology 13E Volume 1 & 2 , englanti, ISBN 9781118179727 • Cinnamon VanPutte, Jennifer Regan, Andrew Russo 2013: Seeley's essentials of anatomy & physiology 2013. 8th ed. Published:New York :McGraw-Hill,cop. Part 2: Material onlinePart 3: Online material for medical imagingPlus other material given by the teachers
Evaluation criteria and methods	Part 1:Exam, numeric evaluation T1-K5Part 2: Pass/Fail/Redo (H)Part 3 Pass/Fail/Redo (H)

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Work strain	I credit = 27 hours of student's workloadPart 1 3cr = 81h of student work. Lectures 36hours, Exam 2hours, Independent 43hPart 2 Online coursePart 3 a. Online course b. 4hours compulsory lecture
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