

Course description

Part 2

Other useful information about the course		
12. Name of Department, mailing address, e-mail: Katedra Radiologii i Medycyny Nuklearnej ul. Medyków 14, 40-752 Katowice oskar.bozek@sum.edu.pl		
13. Name of the course coordinator: Oskar Bożek		
14. Prerequisites for knowledge, skills and other competencies: Gross anatomy Physics: ionizing radiation, mechanical wave, electromagnetism		
15. Number of students in groups	Zgodna z uchwałą Senatu SUM / In accordance with the Senate Resolution	
16. Study materials	For classes located in the hospital: lab coat and shoes, working account in 365.sum.edu.pl domain.	
17. Location of classes	Education and Medical Simulation Centre, Medyków 8b, Katowice UCK im. prof. K. Gibińskiego, ul. Medyków 14, Katowice	
18. Location and time for contact hours	Individually	
19. Learning outcomes		
Number of the course learning outcome	Course learning outcomes	Reference to learning outcomes indicated in the standards
C_K01	Student knows the principles, indications and contraindications of X-ray imaging, including contrast studies	F.W10, B.U2
C_K02	Student knows principles, indications and contraindications of Ultrasound	F.W10
C_K03	Student knows principles, indications and contraindications of Computed Tomography	F.W10, B.U2
C_K04	Student knows principles, indications and contraindications of Magnetic Resonance Imaging	F.W10
C_K05	Student knows principles, indications and contraindications of Angiography	F.W10, B.U2
C_S01	Student is able to identify anatomic structures on X-ray, including contrast studies	F.W10, A.U4
C_S02	Student is able to localize and name selected, most common pathologies on X-ray, including contrast studies	F.W10, F.U7
C_S03	Student is able to identify anatomic structures on Ultrasound images	F.W10, A.U4
C_S04	Student is able to localize and name selected, most common	F.W10, F.U7

	pathologies on Ultrasound images	
C_S05	Student is able to identify anatomic structures on CT images	F.W10, A.U4
C_S06	Student is able to localize and name selected, most common pathologies on CT images	F.W10, F.U7
C_S07	Student is able to identify anatomic structures on MRI images	F.W10, A.U4
C_S08	Student is able to localize and name selected, most common pathologies on MRI images	F.W10
C_S09	Student is able to identify anatomic structures on Angiography images	F.W10, A.U4
C_S10	Student is able to localize and name selected, most common pathologies on Angiography images	F.W10
20. Forms and topics of classes		Number of hours
21.1. Lectures		10
X-ray		2
Ultrasound		2
Computed Tomography		2
Magnetic Resonance Imaging, Angiography		2
Revision		2
23.3. Labs		20
X-ray		5
Ultrasound		5
Computed Tomography		5
Magnetic Resonance Imaging, Angiography		5
24. Readings		
Essentials of Radiology, Fourth Edition, Mettler, Fred A., MD, MPH		
Learning Radiology: Recognizing the Basics, Fourth Edition, Herring, William, MD, FACR		
25. Detail evaluation criteria		
In accordance with the recommendations of the inspection bodies Completion of the course – student has achieved the assumed learning outcomes Detail criteria for completion and evaluation of the course are specified in the course regulations		