ECTS COURSE DESCRIPTION FORM

PART I (Senate Approval)

Offering School	Antalya Bilim University			**Offering Department**	Physical Therapy and Rehabilitation
Program(s) Offered to	Physical Therapy and Rehabilitation	☐			☐
		☐			☐
		☐			☐
Course Name	Radiological Imaging Techniques			**Course Code**	FTR 422
Level of Course	Undergraduate			**Type of Course**	Theoric
Language of Instruction	Turkish			**ECTS Credits**	3
Hours per Week	Lecture: 2		Practical:	Studio:	
	Laboratory:		Recitation:	Other:	
Pre-requisites	None			**Co-requisites**	None
Registration Restriction	None			**Grading Mode**	Letter Grade
Educational Objective	Basic concepts in radiology, basic topics in radiography, computed tomography and magnetic resonance imaging, general information about extremities, spine and thoracic radiology.				
Course Description	During the course, basic principles of radiological methods, radiological imaging and evaluation methods, radiological anatomy and radiological pathologies are given.				

Learning Outcomes		
	LO1	**Defines the basic concepts in radiology**
	LO2	**Understands the basic evaluation of extremity, spine, thorax and lung radiology**
	LO3	**Learns the basic issues about soft tissue imaging methods.**
	LO4	
	LO5	
	LO6	
	LO7	

PART II (Faculty Board Approval)

		Program Outcomes	**LO1**	**LO2**	**LO3**	**LO4**	**LO5**	**LO6**	**LO7**
Basic Outcomes (University-wide)	**PO1**	**Ability to communicate effectively and write and present a report in Turkish and English.**							
	PO2	**Ability to work individually, and in intra-disciplinary and multi-disciplinary teams.**	✓	✓	✓				
	PO3	**Recognition of the need for life-long learning and ability to access information , follow developments in science and technology, and continually reinvent oneself.**							
	PO4	**Knowledge of project management, risk management, innovation and change management, entrepreneurship, and sustainable development.**							
	PO5	**Awareness of sectors and ability to prepare a business plan.**							
	PO6	**Understanding of professional and ethical responsibility and demonstrating ethical behavior.**							
Faculty Specific Outcomes	**PO7**	**Having universal thoughts and values**							
	PO8	**To be committed to academic and ethical values**							
	PO9	**To provide qualified education, research and consultancy services at universal information and technology standards**	✓	✓	✓				
	PO10	**To be open to new goals, strategies and action plans that will take undergraduate and graduate education / training programs and scientific studies further**	✓	✓	✓				
	PO11	**To support, maintain and increase interdisciplinary / multidisciplinary studies in the services provided.**	✓	✓	✓				
	PO12	**To contribute and develop health policies for the benefit of the country.**							
Program Specific Outcomes	**PO13**	**Explains the theoretical knowledge about basic medicine and clinical sciences with the main lines and relates them to physiotherapy.**	✓	✓	✓				
	PO14	**Applies Physiotherapy and Rehabilitation assessment methods, analyzes and interprets theoretical knowledge by associating**		✓	✓				
	PO15	**Plans and implements the individual physiotherapy and rehabilitation program**							
	PO16	**Records and archives assessment and treatment data**		✓	✓				
	PO17	**Plans, conducts and presents a scientific research**	✓	✓	✓				
	PO18	**Has effective communication skills**							
	PO19	**Defines professional duties and responsibilities legally and applies them within the framework of ethical principles.**	✓						
	PO20	**Has lifelong learning skills related to the profession**	✓	✓	✓				
	PO21	**Can use foreign language effectively to follow professional developments**							
	PO22	**Knows and applies quality, occupational health and safety issues related to the profession**							

PART III (Department Board Approval)

Course Contents, Contribution of Course Contents to Learning Outcomes, and Methods for Assessing Learning of Course Contents

Subject	Week	Details of Course Contents	LO1	LO2	LO3	LO4	LO5	LO6	LO7
S1	1	Physical basis of radiological methods	A1/A4	A1/A4	A1/A4				
S2	2	Radiological anatomy: extremities, pelvis	A1/A4	A1/A4	A1/A4				
S3	3	Radiological anatomy: spine, thorax	A1/A4	A1/A4	A1/A4				
S4	4	Radiological pathology: fracture, subluxation, dislocation, neoplasia, atrophy, sclerosis, Infection, implants, peripheral nerve lesions	A1/A4	A1/A4	A1/A4				
S5	5	Lung pathologies and radiology in specific situations	A1/A4	A1/A4	A1/A4				
S6	6	Regional pathologies and evaluation: cervical and lumbar region	A1/A4	A1/A4	A1/A4				
S7	7	Regional pathologies and evaluation: pelvis and hip	A1/A4	A1/A4	A1/A4				
S8	8	Midterm Exam Week	A1/A4	A1/A4	A1/A4				
S9	9	Regional pathologies and evaluation: knee, ankle, foot	A1/A4	A1/A4	A1/A4				
S10	10	Regional pathologies and evaluation: shoulder, elbow, wrist, hand	A1/A4	A1/A4	A1/A4				
S11	11	Different tissue pathologies and evaluation: bone, cartilage	A1/A4	A1/A4	A1/A4				
S12	12	Different tissue pathologies and evaluation: nerve	A1/A4	A1/A4	A1/A4				
S13	13	Different tissue pathologies and their evaluation: Muscle,	A1/A4	A1/A4	A1/A4				
S14	14	Different tissue pathologies and evaluation: tendon, ligament	A1/A4	A1/A4	A1/A4				

Assessment Methods, Weights in Grading Scheme, Implementation and Make-Up Rules

No	Type	Weight	Implementation Rule	Make-Up Rule
A1	Exam-Final Jury,Final Project	60%	One final exam is applied. Exam dates are announced by the faculty.	ABU's relevant regulation is applied.
A2	Quiz			
A3	Homework			
A4	Midterm	40%	1 midterm exam (visa) is applied. Exam dates are announced by the faculty	ABU's relevant regulation is applied.
A5	Project			
A6	Presentation			
A7	Attendence/Interaction			
A8	Field Work			
A9	Others			
TOTAL		100%		

Evidence of Achievement of Learning Outcomes

At least one question from each subject is asked during the exams. A weighted average is calculated for each student based on the percentage of each assessment method. Students are required to collect a minimum score over 100, which is announced by the instructor, to pass the course. This score is determined based on class average.

Method for Determining Letter Grade

- ☑ Direct Conversion System ("DDS" in the regulation.)
- ☐ Relative Evaluation ("BDS" in the regulation.)
- ☐ A different method/system, not listed above, determined by the Faculty Member / Instructor (This method is explained below)

Success Grade Range	Letter Success Note	Success Coefficient	Success Assessment
	A+	4,00	Successful
95-100	A	4,00	Successful
85-94	A-	3,70	Successful
80-84	B+	3,30	Successful
75-79	B	3,00	Successful
65-74	B-	2,70	Successful
60-64	C+	2,30	Successful
55-59	C	2,00	Successful
50-54	C-	1,70	Passes
45-49	D+	1,30	Unsuccessful
40-44	D	1,00	Unsuccessful
0-39	F	0	Unsuccessful

	No	Method	Explanation	Total Hours
Teaching Methods, Student Work Load	Time expected to be allocated by instructor			
	1	Lecture	Lesson topics are explained by writing on the board or with a computer presentation. Sample questions are solved during the lesson.	28
	2	Interactive Lecture		
	3	Recitation		
	4	Laboratory		
	5	Practical		
	6	Field Work		
	Time expected to be allocated by student			
	7	Project		
	8	Homework		
	9	Pre-class Learning of Course Material	New topics are learned before being taught in the classroom.	25
	10	Review of Course Material	Topics are repeated to prepare for exams and assignments.	25
	11	Studio		
	12	Office Hour		
	Calculated ECTS Credit(s)	Max. 3	Min. 2 Grand Total	78

IV. PART

Instructor	Name Surname	
	E-mail	
	Phone Number	
	Office Number	
	Office Hours	
Course Materials	Mandatory	
	Recommended	
Other	Scholastic Honesty	Violations of scholastic honesty include, but are not limited to cheating, plagiarizing, fabricating information or citations, facilitating acts of dishonesty by others, having unauthorized possession of examinations, submitting work of another person or work previously used without informing the instructor, or tampering with the academic work of other students. Any for of scholastic dishonesty is a serious academic violation and will result in a disciplinary action. It is explained in Article 25 of the Directive on Associate and Undergraduate Programs of Antalya Bilim University.
	Students with Disabilities	Reasonable accommodations will be made for students with verifiable disabilities.
	Safety Issues	The course does not require any special security measures.
	Flexibility	Circumstances may arise during the course that prevents the instructor from fulfilling each and every component of this syllabus; therefore, the syllabus is subject to change. Students will be notified prior to any changes.