

Course Plan

Semester: 2	Academic Year: 1405-1404
Level: MSc	Major: Medical Physics
Course Title: Special English for Medical Physics	Department: Medical Physics
Course Code:	University Professor or Faculty member:
Class NO: 2	Credit Hours: 34
Prerequisite: NA	Credit Units: (2 Theory and Practical)
Availability of Professor: Dr. Mohammadreza Salamat	Tel: 00989133186112
Office Address: Department of Medical Physics	E-mail: salamat@med.mui.ac.ir
Name of Student Representative and Cellphone Number:	Number of students: 7

The General Purpose of the Lesson: To equip Medical Physics students with the specialized English vocabulary and communication skills needed to read scientific literature, document clinical procedures, and collaborate effectively in professional medical environments.

Learning Outcomes (Objectives): To develop students' ability to comprehend medical physics research articles, accurately interpret technical terminology, and produce clear written and oral reports for clinical and academic settings.

Assessment Methods:

(The Assessment Methods that will be Used to Test Students Learning outcomes & the Skills & Competencies Stated in learning Outcomes)

Assessment	Score From 20
Mid Exam (Theory)	5
Final Exam	5
Practical Exam	5
Assignments:	5
Total Marks	20

Main References (Text Books): Radiologic Science and protection for Technologists, Stewart Carlyle Bushong

References for More Reading: Relevant High impact papers

Student's Responsibilities:**Attendance Rules: According to university rules****Department's Attitudes:****Mid Exam Date: Azar 1405****Final Exam Date: Day 1405**

Note: In each session, grammatical points such as punctuation rules, use of definite and indefinite articles, writing consistency, pronunciation, reading, listening, and comprehension will be taught. Various articles related to the following topics will be used.

NO of Session	Main Topic	Teacher's Name	Place & Time	Date	Method of Presentation
1	X-ray Production	Dr. Mohammadreza Salamat	Class 2, Sundays 10-12		Online & Offline as well as face to face classes
2	X-ray Emission	Dr. Mohammadreza Salamat	Class 2, Sundays 10-12		
3	X-ray Interaction With Matter	Dr. Mohammadreza Salamat	Class 2, Sundays 10-12		
4	Radiographic Image Quality	Dr. Mohammadreza Salamat	Class 2, Sundays 10-12		
5	11 Scatter Radiation	Dr. Mohammadreza Salamat	Class 2, Sundays 10-12		
6	Screen-Film Radiography	Dr. Mohammadreza Salamat	Class 2, Sundays 10-12		

7	Screen-Film Radiography	Dr. Mohammadreza Salamat	Class 2, Sundays 10-12		
8	Medical Imaging	Dr. Mohammadreza Salamat	Class 2, Sundays 10-12		
9	Computer Science	Dr. Mohammadreza Salamat	Class 2, Sundays 10-12		
10	Computed Radiography	Dr. Mohammadreza Salamat	Class 2, Sundays 10-12		
11	Digital Radiography	Dr. Mohammadreza Salamat	Class 2, Sundays 10-12		
12	Digital Radiographic Technique	Dr. Mohammadreza Salamat	Class 2, Sundays 10-12		
13	Viewing the Digital Image	Dr. Mohammadreza Salamat	Class 2, Sundays 10-12		
14	Screen-Film Radiographic Artifacts	Dr. Mohammadreza Salamat	Class 2, Sundays 10-12		
15	Screen-Film Radiographic Quality Control	Dr. Mohammadreza Salamat	Class 2, Sundays 10-12		
16	Digital Radiographic Artifacts	Dr. Mohammadreza Salamat	Class 2, Sundays 10-12		
17	Digital Radiographic Quality Control	Dr. Mohammadreza Salamat	Class 2, Sundays 10-12		
	Preparation of the Students before the Beginning of the Class	University Professor	Course Topics	Practical Classes	
				The First Week	
				The Second Week	
				The Third Week	

				The Forth Week
				The Fifth Week