



UNIVERSITÀ DEGLI STUDI DI PALERMO

| | | | |
|-------------------------------------|--|----------------------|------------------|
| DEPARTMENT | Biomedicina, Neuroscienze e Diagnostica avanzata | | |
| ACADEMIC YEAR | 2019/2020 | | |
| BACHELOR'S DEGREE (BSC) | MEDICAL AND IMAGE DIAGNOSTICS AND RADIOTHERAPY TECHNIQUES | | |
| SUBJECT | IMAGE DIAGNOSTICS, IMAGE DIAGNOSTICS TECHNIQUES II | | |
| TYPE OF EDUCATIONAL ACTIVITY | B | | |
| AMBIT | 10342-Scienze e tecniche di radiologia medica per immagini e radioterapia | | |
| CODE | 12059 | | |
| SCIENTIFIC SECTOR(S) | MED/50 | | |
| HEAD PROFESSOR(S) | SALERNO SERGIO | Professore Associato | Univ. di PALERMO |
| OTHER PROFESSOR(S) | | | |
| CREDITS | 6 | | |
| INDIVIDUAL STUDY (Hrs) | 90 | | |
| COURSE ACTIVITY (Hrs) | 60 | | |
| PROPAEDEUTICAL SUBJECTS | | | |
| MUTUALIZATION | | | |
| YEAR | 2 | | |
| TERM (SEMESTER) | 1° semester | | |
| ATTENDANCE | Mandatory | | |
| EVALUATION | Out of 30 | | |
| TEACHER OFFICE HOURS | SALERNO SERGIO Monday 14:00 17:00 Dipartimento BIND Plesso di Radiologia Il piano stanza 132 Tuesday 14:00 17:00 Dipartimento BIND Plesso di Radiologia Il piano stanza 132 | | |

DOCENTE: Prof. SERGIO SALERNO

| | |
|-------------------------------|---|
| PREREQUISITES | successful pass the exam of diagnostic radiology apparatus |
| LEARNING OUTCOMES | knowledge and ability to understand: at the end of the course the student have to demonstrate his/her knowledge in imaging techniques of different body apparatus. Ability to apply knowledge and understanding: at the end of the course the student have to apply acquired knowledge in common diagnostic imaging procedures used for patient health. judgement: integrate knowledge, making judgements based on incomplete or limited information, but that include reflecting on the responsibilities related to the applications of its knowledge and judgment as regards the applications of common imaging techniques. communicative abilities: synthesize information on common imaging techniques to specialist and non specialist physicians for common techniques of imaging. learning ability: be able to gather and organize properly interpret information relating imaging techniques. |
| ASSESSMENT METHODS | oral exam: the student will be asked some questions on all subjects parts of the program with reference to lessons and recommended texts . The exam is designed to assess whether the student has knowledge and understanding of the topics treated at least in general outline, and have exhibition and argumentative capacity to interact with the examiner. the greater capacity such as more assessment will be positive. the evaluation is carried out of thirty |
| EDUCATIONAL OBJECTIVES | Provide to the student basis for performing common diagnostic procedure for the study of different human body apparatus. As imaging technique for chest, urological system, gastroenterological system, cardiovascular system, endocrine system including interventional radiology. |
| TEACHING METHODS | frontal lessons |
| SUGGESTED BIBLIOGRAPHY | Passariello R. Simonetti G. Elementi di Tecnologia V editori Idelson Gnocchi 2012. Clark's Pocket Handbook for Radiographers - 2010 by Charles Sloane, Ken Holmes, Craig Anderson and A. Stewart Whitley. Vanzulli A, Torricelli P Manuale di RM per TSRM – 2013 Poletto Editore |

SYLLABUS

| Hrs | Frontal teaching |
|------------|--|
| 12 | Techniques of imaging of the chest |
| 12 | Gastro intestinal tube imaging techniques. |
| 6 | Endocrine glands imaging techniques |
| 12 | Imaging techniques in cardiovascular system |
| 10 | Imaging of the urological system |
| 8 | Imaging elaboration techniques of the above mentioned system |