TEMPLATE FOR COURSE SPECIFICATION

HIGHER EDUCATION PERFORMANCE REVIEW: PROGRAMME REVIEW

COURSE SPECIFICATION

This Course Specification provides a concise summary of the main features of the course and the learning outcomes that a typical student might reasonably be expected to achieve and demonstrate if he/she takes full advantage of the learning opportunities that are provided. It should cross-referenced with the program specification.

1. Teaching Institution	Ministry of Higher Education and Scientific Research
2. University Department/Centre	University of Kirkuk-college of Dentistry
3. Course title/code	L 320radiology
4. Modes of Attendance offered	Theoretic lectures
5. Semester/Year	Two semester
6. Number of hours tuition (total)	30hours theory and 60 hours practical
7. Date of production/revision of this specification	2020-2021
8. Aims of the Course	
Teaching the students in details how reading and diagnosis x-ray by using advanced technology to do the goal of teaching.	

9· Learning Outcomes, Teaching ,Learning and Assessment Methode

A- Cognitive goals . A1.the student acquires adequate knowledge of the scientific terms used in medicine A2.the student becomes acquainted with the different types of material used in the manufacture of the devices and the danger that associated with the wrong use And knowing the right way for the using them . Knowing
B. The skills goals special to the course. B1. using the devices B2.prevention and protection from the radiation
Teaching and Learning Methods
Data show, lecture, LCD, educational movies
Assessment methods
Examinations Seminars and other activities Sharing in scientific festivals and conference
C. Affective and value goals C1.aquisition of knowledge C2.the skill of making the right decision for the benefit of the patient and based on logical thinking C3. C4.
Teaching and Learning Methods
-theoretical lectures as power point using data show -educational videos -guiding students to visit some scientific websites -
Assessment methods
-Theoretical examination -Practical examination -Quiz -Seminars -Oral examinations

D. General and rehabilitative transferred skills(other skills relevant to employability and personal development)

D1.Preparing the student practically in terms of applying knowledge
D2.Thinking about solving problems
D3.Teaching professional ethics
D4.Develop the student's ability to learn using new methods.

Week	hour	ILOs	Unit/Module or Topic Title	Teaching Method	Assessment Method
1	1	Fundamentals of radiology	radiology	Theoretical lecture using power point	short exam ,semester ,mid and final exam
2	1	Production& interaction of X-ray	radiology	Theoretical lecture using power point	short exam ,semester ,mid and final exam
3	1	X-ray film & processing cycle	radiology	Theoretical lecture using power point	short exam ,semester ,mid and final exam
4	1	Factors relating to the production of radiograph	radiology	Theoretical lecture using power point	short exam ,semester ,mid and final exam
5	1	Ideal radiographic projections& artifacts	radiology	Theoretical lecture using power point	short exam ,semester ,mid and final exam
6	1	Hazards of X-radiation &its biological effects	radiology	Theoretical lecture using power point	short exam ,semester ,mid and final exam
7	1	Protection from	radiology	Theoretical lecture using	short exam ,semester ,mid and

		X-radiation in the clinic of radiography		power point	final exam
8	1	Intraoral techniques 1	radiology	Theoretical lecture using power point	short exam ,semester ,mid and final exam
9	1	Intraoral techniques 2	radiology	Theoretical lecture using power point	short exam ,semester ,mid and final exam
10	1	Darkroom	radiology	Theoretical lecture using power point	short exam ,semester ,mid and final exam
11	1	Patient's management	radiology	Theoretical lecture using power point	short exam ,semester ,mid and final exam
12	1	Localization techniques	radiology	Theoretical lecture using power point	short exam ,semester ,mid and final exam
13	1	Radiographic survey	radiology	Theoretical lecture using power point	short exam ,semester ,mid and final exam
14	1	Viewing techniques (conventional & digital)	radiology	Theoretical lecture using power point	short exam ,semester ,mid and final exam
15	1	Dental panoramic radiography (principals)	radiology	Theoretical lecture using power point	short exam ,semester ,mid and final exam
16	1	Dental panoramic radiography	radiology	Theoretical lecture using power point	short exam ,semester ,mid and final exam

		(anatomy)			
17	1	Introduction for normal radiographic anatomy	radiology	Theoretical lecture using power point	short exam ,semester ,mid and final exam
18	1	Radiographic appearance of normal intraoral landmarks	radiology	Theoretical lecture using power point	short exam ,semester ,mid and final exam
19	1	Radiographic appearance of common diseases of teeth & supporting structure	radiology	Theoretical lecture using power point	short exam ,semester ,mid and final exam
20	1	Extra oral radiography	radiology	Theoretical lecture using power point	short exam ,semester ,mid and final exam
21	1	Digital imaging system	radiology	Theoretical lecture using power point	short exam ,semester ,mid and final exam
22	1	Computed Tomography)theory & physics(	radiology	Theoretical lecture using power point	short exam ,semester ,mid and final exam
23	1	Computed	radiology	Theoretical lecture using	short exam ,semester ,mid and

		Tomography)clinical application in Maxillofacial region.(		power point	final exam
24	1	CBCT (theory & advantages over Conventional CT.(	radiology	Theoretical lecture using power point	short exam ,semester ,mid and final exam
25	1	CBCT (clinical applications in Maxillofacial region.(	radiology	Theoretical lecture using power point	short exam ,semester ,mid and final exam
26	1	TMJ Radiography)normal & pathological(	radiology	Theoretical lecture using power point	short exam ,semester ,mid and final exam
27	1	Imaging TMG	radiology	Theoretical lecture using power point	short exam ,semester ,mid and final exam
28	1	MRI (theory &physics)	radiology	Theoretical lecture using power point	short exam ,semester ,mid and final exam
29	1	MRI (clinical applications	radiology	Theoretical lecture using power point	short exam ,semester ,mid and final exam
30	1	Radiography &Impla	radiology	Theoretical lecture using power point	short exam ,semester ,mid and final exam

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11. Infrastructure	
1. Books Required reading:	
2. Main references (sources)	
A- Recommended books and references (scientific journals, reports…).	
B-Electronic references, Internet sites…	

12. The development of the curriculum plan
Check out curriculum of the world prestigious universities to raise the level of science in order to develop with science and work in twinning with most important and developed universities.