

# AHXR - ALLIED HEALTH: RADIOLOGIC TECHNOLOGY

AHXR 101 Patient Care in Radiology. Term Typically Offered: Fall Provides students with an introduction to radiologic technology including the history of radiology, patient care and the radiographer's role in health care, medical ethics, infection control, radiology organizations, and radiologic technology certification. Lecture Hours 3 Department: Health Occupations - COT	3 Credits	AHXR 195B Radiographic Clinical II. Term Typically Offered: Spring Prerequisite(s): AHXR 150 & AHXR 195A. Corequisites (18 clinical/wk) Provides sequential clinical instruction on application, critical analysis, integration, synthesis, and evaluation of concepts and theories required to perform radiologic procedures. Patient centered clinical practice labs and professional development will be taught through competency-based assignments in the clinical setting. Department: Health Occupations - COT	6 Credits
AHXR 108 Intro to Radiologic Physics. Corequisite(s): AHXR 150, AHXR 195A. (F) X-ray production and the interaction of radiation with matter are examined in detail. Lecture Hours 3 Department: Health Occupations - COT	3 Credits	AHXR 195C Radiographic Clinical III. Term Typically Offered: Summer Prerequisite(s): AHXR 195B. Corequisite (27 clinical/wk) Continues to provide sequential clinical instruction in radiographic procedures. Patient-centered clinical practice labs and professional development will be taught through competency-based assignments in the clinical setting. Department: Health Occupations - COT	9 Credits
AHXR 150 Radiological Technology I. Term Typically Offered: Fall Corequisite(s): AHXR 195A & AHXR 151. Presents the fundamentals of producing radiographic images, radiation protection, and radiographic equipment. Radiographic positioning and anatomy are included for chest, abdomen, and extremity procedures. Lecture Hours 3 Department: Health Occupations - COT	3 Credits	AHXR 225 Radiobiology/Radiation Ptrctn. Term Typically Offered: Spring Emphasizes radiation safety and the biological effects of radiation on the human body. Explores the various modalities including equipment requirements, design and quality assurance. Lecture Hours 3 Department: Health Occupations - COT	3 Credits
AHXR 151 Radiology I Positioning Lab. Corequisite(s): AHXR 150 & AHXR 195A. (F) Lab Hours 1 Department: Health Occupations - COT	1 Credit	AHXR 250 Radiological Technology III. Prerequisite(s): AHXR 160. Corequisite(s): AHXR 295A. (F) Includes fluoroscopic and other diagnostic imaging modalities. Lecture Hours 4 Department: Health Occupations - COT	4 Credits
AHXR 160 Radiological Technology II. Prerequisite(s): AHXR 150. Corequisite(s): AHXR 161 and AHXR 195B. (Sp) Lecture Hours 4 Department: Health Occupations - COT	4 Credits	AHXR 260 Radiological Technology IV. Prerequisite(s): AHXR 250. Corequisite(s): AHXR 295B. (Sp) Includes a review of program content in conjunction with registry review. Lecture Hours 2 Department: Health Occupations - COT	2 Credits
AHXR 161 Radiology II Positioning Lab. Corequisite(s): AHXR 160 & AHXR 195B. (Sp) Lab Hours 1 Department: Health Occupations - COT	1 Credit	AHXR 270 Radiographic Registry Review. Term Typically Offered: Spring Prerequisite(s): AHXR 250. Provides a comprehensive review of the Radiologic Technology course material in preparation for the national certification examination. Lecture Hours 2 Department: Health Occupations - COT	2 Credits
AHXR 181 Radiology III Positioning Lab. Corequisite(s): AHXR 195C. (Su) Lab Hours 1 Department: Health Occupations - COT	1 Credit	AHXR 294 Seminar/Workshop. Department: Health Occupations - COT	1 Credit
AHXR 195 Clinical Radiology Intersession. Prerequisite(s): AHXR 150 & AHXR 195A. (Sp) (40 total) Lecture Hours 1 Department: Health Occupations - COT	1 Credit	AHXR 295A Radiographic Clinical IV. Term Typically Offered: Fall Prerequisite(s): AHXR 195C. Corequisite (24 clinical/wk) Provides sequential clinical instruction of the analysis and evaluation of concepts and theories required to perform radiographic procedures. Patient-centered clinical practice labs will be taught through competency-based assignments in the clinical setting. Department: Health Occupations - COT	8 Credits
AHXR 195A Radiographic Clinical I. Term Typically Offered: Fall Corequisite(s): AHXR 150 & AHXR 151. (15 clinical/wk) Instructs students in radiographic examinations in the clinical environment. The students are required to perform radiographic examinations on patients and to participate in scheduled clinicals under the direct supervision of the clinical instructor or registered technologist. Students will be oriented into patient care methodologies. CPR certification is required. Department: Health Occupations - COT	5 Credits		

AHXR 295B Radiographic Clinical V.

8 Credits

Term Typically Offered: Spring

Prerequisite(s): AHXR 250.

Corequisite(s): AHXR 260.

(24 clinical/wk) Provides the clinical practice and experience necessary for the performance of advanced radiographic procedures. Includes the study of pathology and rotations through the different modalities within radiology.

Department: Health Occupations - COT