INTRODUCTION TO RADIOLOGIC SCIENCE
AND HEALTH CARE
Course Syllabus

Course Number: RADT-0346
OHLAP Credit: No

OCAS Code: None
Course Length: 48 Hours
Career Cluster: Health Science
Career Pathway: Diagnostic Services
Career Major(s): Radiologic Technologist

Pre-requisite(s):
The content provides an overview of the foundations of radiography and the practitioner’s role in health care delivery. Principles, practices and policies of health care organizations should be examined and discussed in addition to the professional responsibilities of the radiographer.

Textbooks:


Standards For an Accredited Educational Program in Radiologic Sciences, JRCERT (Resource not required)

Online resources:
Blackboard™

Course Objectives:

1. Identify health science professions that participate in the total health care of the patient.
2. Identify various settings involved in the delivery of health care.
3. Discuss the reimbursement/payment options for health care services.
4. Discuss the role and value of a mission statement to the operation of a health care institution.
5. Describe relationships and interdependencies of departments within a health care institution.
6. Discuss the responsibilities and relationships of all personnel in the radiology department.
7. Differentiate between accreditation types.
8. Identify state and federal regulatory agencies.
9. Define credentialing, national certification and registration and state licensure.
10. Describe the types, purposes and functions of professional organizations.
11. Discuss career opportunities and advancement for the radiographer.
12. Identify the benefits of continuing education as related to improved patient care and professional development.
13. Apply the word-building process of medical terminology.
15. Critique orders, requests and diagnostic reports.
17. Translate medical terms, abbreviations and symbols from medical reports into layman’s terms.
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All objectives are taken from the ASRT (American Society of Radiologic Technologists) curriculum © 2017

Teaching Methods: The class will primarily be taught by the lecture and demonstration method and supported by various media materials to address various learning styles. There will be question and answer sessions over material covered in lecture and media presentations. Supervised lab time is provided for students to complete required projects.

Grading Procedures:
1. Students are graded on theory and lab practice and performance.
2. Each course must be passed with eighty (80%) percent or better.
3. Grading scale: A=90-100%, B=80-89%
4. Career Major grades established during coursework are a major criteria in successfully obtaining certification.

Description of Classroom, Laboratories, and Equipment:
Tulsa Technology Center campuses are owned and operated by Tulsa Technology Center School District No. 18. All programs provide students the opportunity to work with professionally certified instructors in modern, well-equipped facilities.

Available Certifications/College Credit
The student may be eligible to take state, national or industry exam after completion of the program. Tulsa Tech students may be able to earn college credit based on their knowledge gained at Tech. The process of earning credit through Prior Learning Assessment (PLA) will be determined after completion with Tech and based on certification, credential or knowledge of the subject. See program counselor for additional information.

College Credit Eligibility:
All Tulsa Tech students (high school and adult) may have the opportunity to receive college credit upon completion of their program. Our College Relations office will work with students regarding the benefits of Prior Learning Assessments (PLA) toward an Associate of Applied Science (AAS) degree or a technical college certificate at area colleges. For more details call the College Relations office at 918.828.5000.