RADT A165: BEGINNING RADIOLOGIC PRACTICE

Item	Value
Curriculum Committee Approval Date	12/02/2020
Top Code	122500 - Radiologic Technology
Units	1.5 Total Units
Hours	27 Total Hours (Lecture Hours 27)
Total Outside of Class Hours	0
Course Credit Status	Credit: Degree Applicable (D)
Material Fee	No
Basic Skills	Not Basic Skills (N)
Repeatable	No
Grading Policy	Standard Letter (S)

Course Description

Introduction to the radiology environment, emphasizing professionalism, humanistic approach to patients, medical/radiology records responsibilities, and medical/legal principles. Student obligations to clinical education are identified. PREREQUISITE: Acceptance into the OCC Radiologic Technology Program (Cohort restriction). Transfer Credit: CSU.

Course Level Student Learning Outcome(s)

1. Demonstrate professional behaviors, patient care skills, and work practices that support quality patient care as related to diagnostic imaging.
2. Develop appreciation for life-long education and learning in the radiation sciences.

Course Objectives

- 1. Identify essential components of professionalism as related to the health care professional. **
- 2. Identify the expected professional behavior required in a clinical education setting. **
- 3. Demonstrate ethical interrelationships with patients, physicians and other health care personnel. **
- 4. Develop a humanistic approach to patient care. *
- 5. Identify the components of quality patient service. *
- 6. Identify specific medical - legal principles which impact on the Radiology professional. *
- 7. Explain and give the function of the components which comprise the Radiology medical records systems.*
- 8. Maintain Radiology medical records according to established guidelines. **
- 9. Maintain required program and clinical documentation of training utilizing appropriate forms and format.**
- I * Competencies
- II ** Foundation Skills

Lecture Content

Introduction to course and Radiologic Technology program Review course syllabus / calendar Identify course textbooks Explain course assignments scope, format, due dates Review course policies Academic Honesty policy Attendance, test make-up, late assignments, etc... Review testing format Review grading policy Orientation to Radiologic Technology program Scope of program Required prerequisites Sequence of required program courses as stated in school catalog Program policies - see student clinical manual Introduction to clinical education - do student name list for: Film badges Introductory lecture Concept of Health Care Professional (HCP) Lecture Professionalism Definition Components Concept of peer review (watchdogs) Specifics as related to the student Health Care Professional Accreditation Ethics Theories Principles Resolving ethical dilemmas . Professional ethics Code of ethics for Radiologic Technologists Student code of ethics Medical confidence Principles of ethical professional codes of ehavior (SAHP) Discussion s p; Reading assignments/articles on professionalism Examples of ethical dilemmas pertaining to Radiologic Sciences Review program requirement for Allied Health physical exam Discuss guide sheet for completing Allied Health physical exam Lecture Humanistic Approach to Patients Communication components Verbal and nonverbal communication Organizational lines of authority Models of Radiology Department organizational structure . Assignment Written summary with critical analysis of a Radiology - related journal article - utilize available professional journals located in school library Critical analysis of video/DVD “The Doctor” Lecture Humanistic approach to patients (continued) Principles of professional and humanistic patient interactions Strategies in dealing with the difficult patient Patients rights History Patients Bill of Rights Principles of Quality of Service Testing Test #1 - Professionalism, Ethics, Watchdogs Lecture Medical - Radiology records Definition Function ; Required components Types of filing systems – computerized (HIS and RIS systems) Class ActivityField trip to a clinical affiliate (UCIMC) for a 1hour tour of a working Radiology Department.Written assignment to follow Note: will need to schedule 2 hours time block for this activity Lecture Medical Records (cont.) Legal requirements corrections/amending confidentiality HIPAA requirements Medical records responsibility in Radiology Required forms Authorization to release medical records Test #2 - Humanistic approach to patient, patients rights, introduction to medical - radiology records Lecture Medical - legal principles Types of law Criminal Civil Types of torts Consents Definition Types Who can and can not give medical consent Other legal concepts impacting Radiology Respondent superior Borrowed servant rule Res ipsa loquitor Discussion Review class handouts Legal terms Article: Torts and Technologist Article: How health care professional can r educe lawsuits Instructor assignment - draft clinical assignment schedule for all first year students Lecture Student clinical records Requirements Program State - RHB Accreditation Policies Attendance Dress code Program completion Due process Required documentation What must be documented Required forms and formats Format of student clinical notebook Function Organization of required documentation utilizing the appropriate form/format Clinical course grading policy Completion of required clinical objectives Clinical proficiency practicum Clinical evaluation requirements Class activity Utilizing blank forms from the Student Clinical Handbook, an in-depth OVERVIEW of all required documentation of the students clinical education will be completed during two class sessions Students obligations / requirements to their clinical education training will be identified Assignment - As an in - class activity, the student will format their clinical education notebook to meet the requirements for the first clinical course (Rad T 171) IX. nb Testing Comprehensive final exam covering all course components Class Activity Clinical reception -

during the last class meeting the student will meet with the clinical education from their assigned clinical education center to discuss: Students clinical responsibilities Specific radiology department Clinical educators expectations

Method(s) of Instruction

- Lecture (02)
- DE Live Online Lecture (02S)

Instructional Techniques

Lecture; discussion; field trip to a Radiology department; and critical analysis.

Reading Assignments

Summary of field trip observation of a Radiology department. Summary and critical analysis of Radiology related journal article and video/DVD assignment “The Doctor”. Examinations including comprehensive final exam.

Writing Assignments

Summary of field trip observation of a Radiology department. Summary and critical analysis of Radiology related journal article and video/DVD assignment “The Doctor”. Examinations including comprehensive final exam.

Out-of-class Assignments

Summary of field trip observation of a Radiology department. Summary and critical analysis of Radiology related journal article and video/DVD assignment “The Doctor”. Examinations including comprehensive final exam.

Demonstration of Critical Thinking

Written summary of field trip observations Objective tests on course lectures and assigned readings Written summary and critical analysis of Radiology article Comprehensive final exam Class participation and attendance

Required Writing, Problem Solving, Skills Demonstration

Written summary of field trip observations Objective tests on course lectures and assigned readings Written summary and critical analysis of Radiology article Comprehensive final exam Class participation and attendance

Textbooks Resources

1. Required Alder, Arlene.. Introduction to Radiologic Sciences and PatientCare, 6th ed. Elsevier, 2016 Rationale: - 2. Required Holt, K. , Sachs, L.,. Student Clinical Handbook, , ed. OCC Bookstore, 2018 Rationale: -

Other Resources

1. Video: The Doctor 2. Radiology journals and professional magazines 3. Selected handout materials will be provided and distributed by the instructor.