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RAD 110T.01: Introduction to Radiology and Patient Care

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**THE UNIVERSITY OF MONTANA – MISSOULA
COLLEGE OF TECHNOLOGY
DEPARTMENT OF RADIOLOGY TECHNOLOGY**

COURSE SYLLABUS

COURSE NUMBER AND TITLE: RAD110T Introduction to Radiology and Patient Care

DATE REVISED: Autumn 2004

SEMESTER CREDITS: 4

PREREQUISITES: None

Faculty: Allen LaCasse
E-Mail: allen.lacasse@umontana.edu
Phone: 544-2085
Office: Faculty Office
Office Hours: By appointment

RELATIONSHIP TO PROGRAM: Students will gain a clear understanding of how diagnostic imaging and other health science professions interact to provide health care for the patient.

COURSE DESCRIPTION: Content of the class is designed to give the students a broad understanding of how imaging departments function in the health care field along with basic patient care skills.

STUDENT PERFORMANCE OUTCOMES:

Outcomes for Introduction to Radiology: RAD 110T

1. Identify other health science professions that participate in the patient's total health care.
2. Describe the relationship of these health care workers to the integrated care of patients.
3. Identify various settings involved in the delivery of health care.
4. Discuss the reimbursement/payment options for health care services.
5. Discuss the role and value of a mission statement to the operation of an institution.
6. Discuss the relationship between institutional administrative personnel and radiology services.
7. Describe relationships and interdependencies of departments within a health care institution
8. Identify and discuss the responsibilities and relationships of all personnel in the radiology department

9. Explain patient services available in the radiology department.
10. Differentiate between programmatic and institutional accreditation
11. Define accreditation, credentialing, certification, licensure and regulations.
12. Explain the purposes of accreditation and certification and identify the agencies involved.
13. Discuss the general employment outlook for the graduate radiographer.
14. Discuss career advancement and opportunities for the radiographer.
15. Identify the benefits of continuing education as related to improved patient care and professional enhancement.
16. Describe specialized standards of behavior for the healing arts as a continuum, with historical and philosophical roots in the earliest periods of human history.
17. List the major milestones in the development of codes of behavior and ethical standards in the healing arts.
18. Explain ethics as a branch of philosophy and the moral, social and cultural basis of the development of an ethic.
19. Describe the moral, social and cultural basis of ethics.
20. Apply medical/professional ethics in the context of a broader societal ethic.
21. Explain the role of ethical behavior in health care delivery.
22. Differentiate between empathetic rapport and sympathetic involvement in relationships with patients and relate these to ethical conduct.
23. Explain concepts of personal honesty, integrity, accountability, competence and compassion as ethical imperatives in health care.
24. List legal/professional standards and their relationship to practice in health professions.
25. Identify specific situations and conditions that give rise to ethical dilemmas in health care.
26. Discuss the US Genome Project relative to the cause of genetically induced disease.
27. Explore the ethical issues of genetic screening.
28. Employ a basic system of examination, clarification, determination of alternatives and decision-making in addressing ethical questions.
29. Explain select concepts embodied in principles of patients' rights, the doctrine of informed (patient) consent and other issues related to patients' rights.
30. Explain the legal implications of professional liability, malpractice, professional negligence/carelessness and other legal doctrines applicable to professional practice.
31. Describe the importance of accurate, complete, correct methods of documentation as a legal/ethical imperative.
32. Explore theoretical situations and questions relating to the ethics of care and health care delivery.

STUDENT PERFORMANCE ASSESSMENT METHODS AND GRADING PROCEDURES:

Grading scale:

100-90 A

89-80 B

79-70 C

69-60 D

Total grade will be determined by total points received on homework, tests, final paper and final exam.

Tests:	40%
Paper:	30%
Final Exam:	<u>30%</u>
	100%

Instructions for Semester Paper: Choose a topic or several related topics from the list of student performance outcomes. Give me your topic in writing no later than Thursday, September 30, 2003. Research and expand upon the subject in a type written paper, double spaced and 3 to 4 pages in length. Use 12pt font and one inch top and bottom margins. Students will present these papers to the class during class on Nov. 29th through Dec. 10th. The purpose of the presentation is to instruct fellow students, provide opportunity for discussion and to gain confidence in presenting ideas and information. Please send me an electronic copy of your paper prior to the day you are presenting and give me a hardcopy directly following your presentation.

Papers will be graded for content, interest, attention to detail, correct grammar and punctuation. Presentations will not be graded but must be done to receive full credit for your paper.

Note: Students must pass this course with a “B” (80%) in order to continue with the Radiology Technology Program the next semester.

STUDENTS WITH DISABILITIES: Eligible students with disabilities will receive appropriate accommodations in this course when requested in a timely way. Please speak with me after class or in my office. Please be prepared to provide a letter from your DSS Coordinator.

ATTENDANCE POLICY: All students are expected to come to class each day, on time and prepared by having read the required chapters and completed the assignments. Class participation is expected and may impact grades that are borderline.

REQUIRED TEXT: *Radiologic Technology*; 5th Edition, Laverne Tolley Gurley, William J. Callaway.

DATE	READING ASSIGNMENT	COURSE DETAILS
Aug 31-Sep2	Introduction Lectures 1	Read Chapters 1
Sep 7-9	Lectures 2&3	Read Chapters 2-6
Sep 14-16	Lecture 4	Guest Speaker Tue. Read Chapters 7&8 Lecture 4 Thur
Sep 21-23	Lecture 5 and test Test	Test Tue Read Chapters 9&10 Lecture Thur
Sep 27-Sep 30 Sep 30	Lecture 6 and test Paper topic due	Lecture Tue Read Chapter 11 Test Thur
Oct 5-7	Speaker Lecture 7	Read Chapters 12-14
Oct 12-14	Test and Speaker	Test on Tue Speaker Thur Read Chapters 15-17
Oct 19-21	Lecture 8 Speaker	
Oct 26-28	Test Lecture 9	Test on Tue Read Chapters 18-22 Lecture Thur
Nov 2-4 Nov 9-11	Lecture 9 Nov 11 Holiday	Nov 9 Speaker
Nov 16-18 Nov 23	Lecture 10 Nov 25 holiday	Read Chapters 23-26
Nov 30-Dec 2	Present papers review	
Dec 7-9	Present papers review	Test
Dec 13-17	Finals Dec 14 10:10-12:10	

Revises7-7-04