

Request for Undergraduate Course Addition

Prepare one paper copy with all signatures and forward to the University Curriculum Committee Chair. Additionally, immediately following attainment of the College Curriculum Chair signature, send one identical ELECTRONIC COPY sans signatures in PDF format with all supporting documentation converted to PDF format by email to the University Curriculum Committee chair for electronic distribution.

College: COHP Department/Division: Medical Imaging Alpha Designator / Number : MI 202 Graded: CR/NC:

Contact Person: Dr. Shelia Kyle, Vice President Phone: 304-526-1412
St. Mary's Center for Education

Dr. Rita Fisher 304-526-1259
Director – School of Medical Imaging

NEW COURSE DATA:

New Course Title: Patient Care in Imaging Science

Alpha Designation/Number:

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Title Abbreviation:

P	A	T	I	E	N	T		C	A	R	E		I	M	G		S	C	I	E	N	C	E
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(Limit of 25 characters and spaces.)

Course Description (Limit of 30 words): Content is designed to identify the role of the radiographer in patient care, including consideration for the physical and psychological needs of the patient and family.

Co-requisite(s): MI202, MI203, MI204, MI205, MI206 First Term to be offered: Fall 09

Prerequisite(s): BSC 228, MI 201 Admission to the Medical Imaging Program Credit Hours: 3

Course(s) being deleted in place of this addition (*must submit course deletion form*): None

CHECKLIST/REQUIREMENTS:

1. After completing this two page form in its entirety, include a complete syllabus and route through the departments/committees below.
2. A complete syllabus can be from when this course was previously taught as a special topics course or by creating a new, intended syllabus to use with the course. The sample syllabus must at a minimum address the following areas:
 - a. COURSE OBJECTIVES
 - b. COURSE OUTLINE
 - c. SAMPLE TEXT(S) WITH AUTHOR(S) AND PUBLICATION DATE
 - d. INSTRUCTIONAL METHODS (Lecture, Lab, Internship, Practicum, etc...)
 - e. EVALUATION METHODS (Unit/Chapter, Midterm, Final, Projects, etc...)
3. If this course will replace a course that is required by another department, please send a memo to the affected department and include it with this packet, as well as, the response received from the affected department.
4. If this course will be similar in title or content to another department's courses, please send a memo to the affected department and include it with this packet, as well as, the response received from the affected department.
5. Send a copy of this completed form to the Marshall University Catalog Editor.

SIGNATURES: (If disapproved at any level, do not sign. Return to previous signer.)

Department Chair/Division Head _____	Date: _____
Registrar: _____	Date: _____
Librarian: _____	Date: _____
College Dean: _____	Date: _____
College Curriculum Chair _____	Date: _____
University Curriculum Committee Chair: _____	Date: _____
Faculty Senate Chair: _____	Date: _____
VP Academic Affairs/VP Health Services: _____	Date: _____

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Additional Information Required for Undergraduate Course Addition

College: COHP

Department/Division: Medical Imaging

Alpha Designator/Number: MI 202

Provide complete information regarding the new course addition for each topic listed below. Before routing this form, a complete syllabus also must be attached addressing the items listed on the first page of this form.

1. Identify by name the faculty in your department/division who may teach this course.

Rita Fisher, PhD RT (R)(CT)(CV)(ASRT)

2. If your department/division requires additional faculty, equipment, or specialized materials, attach an estimation of money and time required to secure these items.

No additional funding required

3. If this course will be required by a department/division other than your own, identify by name.

N/A

4. If there are any agreements required to provide clinical experience, attach details and signed agreements.

No additional agreements will be needed for this class

5. If library resources are deemed inadequate, attach a plan to overcome this. The plan must include the cost as stated by the Dean of Libraries.

No additional Library Resources to be provided by Marshall University

6. EQUIPMENT/SUPPLIES NEEDED TO TEACH THIS COURSE (this does not refer to additional equipment/supplies that need to be purchased; simply what materials are needed in order to teach this course successfully.):

Computer, LCD Projector, Projector Screen, White Board, Markers, Handouts, CD Rom's

No additional equipment or supplies will need to be provided by Marshall University

7. ADDITIONAL GRADUATE REQUIREMENTS IF LISTED AS AN UNDERGRADUATE OR GRADUATE COURSE (please also submit to Graduate Council course addition for 5xx graduate component):

None

8. PROVIDE A COMPLETE BIBLIOGRAPHY INCLUDING ALL PUBLICATIONS RESEARCHED TO CREATE THIS COURSE AND WHAT PUBLICATIONS MAY BE BENEFICIAL TO STUDENTS TAKING THIS COURSE (separate page).

See attached sheet

BIBLIOGRAPHY:

Adler A, Carlton R. *Introduction to Radiography and Patient Care*. 4th ed. Philadelphia, Pa: WB Saunders; 2007.
ISBN 1416031944

Burton EM. *Essentials of Pediatric Radiology*. New York: Thieme Medical Publishers; 1999.
ISBN 0865778027

Bushong S, Williams EK. *Patient Care: Essentials of Medical Imaging Series*. New York: McGraw-Hill; 1998.
ISBN: 0070706328

Drafke MW, Nakayama H. *Trauma and Mobile Radiography*. 2nd ed. Philadelphia, Pa: FA Davis; 2001.
ISBN 080360694X

Erlich R, McClosky E, Daly J. *Patient Care in Radiography: With an Introduction to Medical Imaging*. 6th ed. St. Louis, Mo: Mosby; 2004.
ISBN: 0323019374

Gyls BA, Masters RM. *Medical Terminology Simplified*. 2nd ed. Philadelphia, Pa: FA Davis Co; 2005.
ISBN 0803612540

Kowalczyk N, Donnett K. *Integrated Patient Care for the Imaging Professional*. St. Louis, Mo: Mosby; 1996.
ISBN 0815125453

Torres LS, Dutton AG, Linn-Watson Norcutt TA. *Basic Medical Techniques & Patient Care in Imaging Technology*. 6th ed. Philadelphia, PA: Lippincott-Raven; 2003.
ISBN 0781731917

COURSE SYLLABUS OUTLINE

Course Title and Number: MI 202 Patient Care in Imaging Science

Semester and Year: Fall 2008

*Course with Special Designation: none

Text Information: Ehrlich and Daly. *Patient Care in Radiography, 7th Edition.*

Computer Requirements: access to the internet:

Instructor: Name: Dr. Rita Fisher
Office: Room 212
Office Hours: As arranged
Phone/email: 526-1259, rfisher@st-marys.org

Course Description: Content is designed to provide the basic concepts of patient care, including consideration for the physical and psychological needs of the patient and family. Routine and emergency patient care procedures are described, as well as infection control procedures using standard precautions. The role of the radiographer in patient education is identified. This course will provide instruction and allow for demonstration of four of the six mandatory general patient care competencies required by the American Registry for Radiologic Technologists (ARRT). * Refer to the student handbook.

Credits: 3 CR HR (2 CR HR theory, 1 CR HR skills lab/demonstration)

Prerequisites: BSC 227, BSC 228, MI 201 CPR certification

Desired Learner Outcomes/Objectives: When finished with this course the student will be able to:

1. Explain professional roles and behaviors of the radiographer as a member of the health care facility and the health care team.
2. Demonstrate safe transfer and positioning of the patient. * (mandatory competency)
3. Practice appropriate infection control.
4. Demonstrate appropriate knowledge of sterile and aseptic technique.* (mandatory competency)
5. Conduct essential patient care and assessment of vital signs* (mandatory competency)
6. Explain the radiographer's role in dealing with acute situations.
7. Describe the preparation and examination of the GI tract.
8. Demonstrate bedside radiography essential to the radiographer.
9. Demonstrate appropriate care patient medical equipment (e.g., oxygen tank, IV tubing).* (mandatory competency)

Evaluation/Measurement/Assessment of Learner Outcomes:

1. 7 Exams: Exams will be administered to cover the content material found in the text, delivered in lecture and any additional materials. Exams will be multiple choice, true/false and short answer.
2. Class participation
3. Comprehensive final exam. Students who have achieved an A (93.1%) in the class may be exempt from the final exam.
4. Demonstration of competency in the four mandatory patient care competency requirements.*

Your demonstrated daily preparation, participation, and punctuality can raise or lower your final grade.

Grading Policy:

Course grade will be based on assignments, exams, quizzes and a final written exam:

Exams	65%
Assignments /Quizzes	10%
Laboratory Competency	5%
Final	20%

Grades will be determined by the following scale:

92.3-100	A
84.3-92.2	B
74.3-84.2	C
Below 74.3	F

Policy Statements:

- 1. Attendance:** Regular attendance is expected. Students who miss more than two classes will receive a one letter drop in the final grade. You cannot pass the course with more than four absences. You must be present at the beginning of the class and stay until the end of class in order to be counted present. The School of Medical Imaging follows Marshall University inclement weather policy. Refer to the Student Handbook.
- 2. Preparation, participation, punctuality.** All preparation material should be completed prior to its scheduled discussion in class. All class sessions will be conducted with the assumption that all appropriate readings and/or assignments have been completed. Doing the preparation work prior to class will allow you to identify specific topics with which you need the most help, and you can then raise the pertinent questions when the topic is scheduled for class time. Not all assigned information will be reviewed in class. Additionally, information that may not have been assigned may be reviewed in class. If you have a question about a particular subject, you have the responsibility of using class time to get your questions answered or make an appointment for individualized help. This necessitates having attempted the work prior to class. Class time should be used to clarify issues; it is difficult to know what issues you need to have clarified if you have not prepared.
- 3. Academic integrity:** Please refer to the Student Handbook. Students may not copy or utilize prior exams as study material unless provided by the instructor for review. Students who obtain copies of old exams from current or former students will be sanctioned.
- 4. Make-up assignments:** Unexcused late assignments will not be accepted (or will receive 50% credit). Students who miss scheduled exams may make them up only in the event of a medical emergency or by prior arrangement with the instructor.
- 5. Missed classes:** If you are absent, it is your responsibility to find out from a classmate what notes, handouts, assignments, or other course material you missed and to make arrangements with me to receive handouts.
- 6. Office hours:** Instructors are available to meet individually by appointment.
- 7. Learning Disabled Students:** consideration toward learning disabled students will be in accordance to SMI Student Handbook policies. Please make certain the instructor is made aware of any special needs.
- 8. Computing policy at SMMC:**
 1. Authorized users of SMMC or other clinical affiliates institutional networks are those individuals who have been granted a username and password. Unauthorized use of usernames or passwords is prohibited
 2. Use of computer systems in the clinical setting is limited to authorized patient data entry. Unauthorized access or attempts to access privileged patient information is a HIPAA violation and may result in dismissal from the SMI.
 3. Students are provided access to the Internet through computers located in the School of Nursing Library, the computer lab and the SMI office. **Internet access is limited to assigned research projects.** Students may not access personal e-mail accounts (such as Hotmail or Yahoo) from these computers. Non school related use of the internet is prohibited. Students may access the internet via computers located in the Mojo/vending area in the hospital.
 4. Internet access at SMMC is monitored by Information Services. Any attempts to download material of an obscene nature may result in dismissal from the SMI.
 5. Students have access to computers located in the computer lab next to the SMI classroom. Students may not store information of the hard drive of these computers.
 6. Users must adhere to the ethical standards governing copyright, software licensing, and intellectual property.
 7. Suspected violation of these guidelines constitutes unacceptable use of information resources, and may violate other institutional policies and/or state and federal law including HIPPA. Suspected or known violations should be reported to the appropriate supervisory authority. The SMI and/or law enforcement agencies will process violations.
 8. Violations may result in revocation of computing resource privileges, academic dishonest proceedings, disciplinary action or legal action.
 9. Violations are subject to the appeal or grievance process.
 10. Students should refer to computer policy in the CFE Student handbook

Proposed Course Schedule

Dates and content are subject to change as the semester progresses. Changes will be announced in class as far in advance as possible.

<i>Date</i>	<i>Topic/Exam</i>	<i>Assignment (additional TBA)</i>	
	Professional Attitudes	Chapter 3	
	Communication		
	Exam 1		
	Patient Safety, Transfer	Chapter 4	
	Patient Safety Video		
	Patient Safety Laboratory		
	Exam 2		
	Infection Control	Chapter 5	
	Sterile Technique and Asepsis		
	Sterile Technique Video		
	Sterile Technique Laboratory		
	Exam 3		
	Patient Care and Assessment	Chapter 6	
	Patient Care and Assessment Video		
	Patient Care and Assessment Laboratory		
	Exam 4		
	Medical Emergencies	Chapter 8	
	Demonstration from respiratory therapy		
	Care of Medical Equipment Lab		
	Exam 5		
	Preparation of the GI tract	Chapter 9	
	Contrast Media Examinations	Chapter 10	
	Exam 6		
	Bedside Radiography	Chapter 11	
	Special Imaging Modalities	Chapter 12	
	Exam 7		
	Review		
	Final Exam		