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Radiologic Technology Syllabi Spring 2020

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RADT 152 Patient Care in Radiography

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Xavier University
College of Professional Sciences
Patient Care in Radiography
RADT 152 – 1 credit hour

Instructor: Donna J. Endicott, M.Ed., R.T. (R)
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Office: 188e Cohen Center
Textbook: “Patient Care in Radiology” 9th Edition by Ehrlich

Mission Statement

The mission of the Radiologic Technology Program is to prepare the student to enter diagnostic imaging as an entry-level radiographer. Consistent with the Jesuit tradition of rigor and compassion based on the highest ethical standards, graduates of the Xavier University Radiologic Technology Program have the necessary skills to integrate theoretical knowledge and essential clinical skills to perform radiologic procedures and provide appropriate patient care.

Course Description: This course is designed to help students provide appropriate patient care within the scope of practice of a radiographer. Topics to be included are communication, professional ethics, proper body mechanics, emergency procedures, isolation techniques, mobile radiography, medication administration and contrast studies and preparation.

Course Goals: At the completion of this course, the students should be able to:

- 1.) Define professional behavior, code of ethics and scope of practice.
- 2.) Explain the rationale for confidentiality of professional communication.
- 3.) Describe the differences in communication skills when dealing with children, adults, elderly, special needs patients and cultural differences.
- 4.) Describe the differences in verbal and non-verbal communication.
- 5.) Demonstrate safe techniques for patient moving and transferring, using the principles of good body mechanics.
- 6.) Discuss safety hazards and precautions as regards to fire, electrical and spills.
- 7.) List common personal comfort needs common to most patients.
- 8.) Demonstrate how to take a patient’s history.
- 9.) Take and record patient’s vital signs.
- 10.) Define medical sepsis, disinfection, and sterilization.
- 11.) List four factors involved in the cycle of infection.
- 12.) Describe the proper technique for hand washing and sterile objects.
- 13.) Discuss the proper way to dispose infectious objects.
- 14.) List and describe six main routes of infections transmission.
- 15.) Discuss Standard Precautions.
- 16.) Define the term standing order.
- 17.) State the five rights of medication administration.
- 18.) Define the radiographer’s role in medication administration.
- 19.) List and define the routes of administration of drugs.
- 20.) Discuss the proper monitoring of IV fluids.
- 21.) List the four levels of consciousness.
- 22.) Discuss the procedures to follow for acute situations.
- 23.) Identify the patients with adverse reactions to contrast.

Classroom Policies:

Class Participation is very important! Being present for each class is important for the professional development and growth in the field of radiologic technology. You can participate in lecture classes

in many ways such as being present for each class, asking questions relating to the topics covered in the lectures, discuss what you have observed at the clinical sites, demonstrate active listening skills, taking notes, and/or bringing in articles relating to this course. Examples of not participating in class are falling asleep, doing other course assignments during our class time or not coming to class.

Class Attendance is very important! The program has found that students who attend classes will perform better in their RADT courses and clinical education. During this COVID 19 situation, please do not attend classes or clinicals if you have signs or symptoms of the coronavirus. You should contact your physician or make an appointment with the Health and Wellness Center on campus.

Coronavirus precautions and social distancing: The University has set guidelines for a safe return to campus. In order to follow these guidelines, students must wear a facial mask while in the buildings, classroom setting, or group gathering outside the buildings. Remember to following social distancing of 6 feet between individuals while on campus. All classroom settings will follow social distancing of 6 feet apart between desks/chairs. (Links: Campus Safety: www.xavier.edu/return-to-campus/campus-events/safety and www.xavier.edu/return-to-campus/index)

Plagiarism and cheating are not acceptable. These include copying sentences of phrases from any print or internet source, copying from others, representing work as your own when you did not perform the work, using crib sheets during test, etc. In accordance with Xavier’s Academic Honesty policy, any infraction at all will cause at least a grade of “O” on that assignment and will likely result in an “F” for the course, at my discretion and in consultation with the dean.

Cell phones should be turned off during class time – if they ring, I reserve the right to answer them. If you know you will be receiving an *emergency telephone call*, please let me know before class begins.

HOMEWORK: Throughout the course, the textbooks will be collected and points will be given for completion of the assigned chapter. NOTE: Your textbook must be new with no previous writing in the frames in order to count as your own work.

TESTING: There will be quizzes administered during the semester. The quizzes will be averaged and count for 1/2 of the course grade and a comprehensive final exam that will count for 1/2 of the course grade.

Any QUIZ/TEST or assignments MISSED DUE TO ABSENTEEISM OR TARDINESS WILL BE MADE UP BEFORE THE NEXT SCHEDULED CLASS. You must contact me and arrange this time before the next class time. If you do not do so, you will receive a “0” for the quiz/test.

GRADING SCALE: The didactic grading scale will be used for all lecture/laboratory RADT courses. The practicum grading scale will be used for the RADT practicum (clinical) courses. In order to continue in the radiologic technology program students must maintain a “C-” level grade.

Remember it is okay to ask for help. If you need me to cover a topic with you just ask. I will be glad to assist you with your learning experience. You are responsible for your education so please do not miss the opportunity to gain knowledge.

Didactic Grading Scale:

A 95 – 100	A- 93 - 94	B+ 91 - 92	B 88 – 90	B- 86 - 87
C+ 84 - 85	C 80 - 83	C- 78 - 79	D 70 - 77	F 0 - 69

Office of Student Success

Location: 514 Conaton Learning Commons

Phone: 513-745-3036

Email: studentretention@xavier.edu

The Staff in the Office of Student Success is available to assist students to make the most of their Xavier experience. Personal staff consultations, success coaching, referrals to on-campus Solution Centers, and guiding students to navigate their college experience are central to our work. Please visit www.xavier.edu/student-success to learn more or visit us in the Conaton Learning Commons (CLC).

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RADT 152: Patient Care in Radiography

August 2020

In order to demonstrate mastery of course goals, you must pass this course with a "C-" level or better in order to continue to the Fall Semester.

Aug. 3	Introduction to the course Chapter #4 Healthcare Delivery System Chapter#5 Professional Roles and Behaviors
Aug. 4	Chapter #6 Professional Attitude and Communication
Aug. 5	No Class – report to the clinical site for full day
Aug. 6	Quiz Chapter #8, Infection Control Chapter#9 Preventing Disease Transmission (Standard Precautions)
Aug. 7	Quiz Chapter #18 Sterile Asepsis
Aug. 10	Chapter #7 Safety (hospital codes, fires, body mechanics) Chapter # 12 Patient Transfer (wheelchairs, stretcher)
Aug. 11	Quiz Chapter #11 Patient Assessment (Vital Signs) Chapter #15 Emergency Response (O2, suction, crash cart, codes)

CLASS on Campus at 8:00 am to 11:30 am

On:

Aug. 12	Quiz Chapter #14 Medications and their Administration
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1:00 pm - Tour of the OUTPATIENT IMAGING CENTERS – WEAR UNIFORMS (Mercy reports to Western Ridge and Good Sam reports to Glenway)

Remote class times: Course materials will be posted online in Canvas. NO clinical education in the afternoon.

Aug. 13	#16 Dealing with Acute Situations continue
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Aug. 14

Final Examination (comprehensive) – take home
Turn in the examination during Principles I class time.

Note: This schedule is subject to change with discretion of the instructor.