Syllabus
DMI 350 Introduction to Rad Science & Health Care
Fall 2019 - Updated 8/21/19

Instructors:

Hirschfeld (Madge)  pronouns preferred (she, her, hers)
Office: NWQ 6578
Office Phone: 414 229-2326
Cell Phone/Text: 414 688-8361
E-Mail: hirschfe@uwm.edu

Jayne Wisniewski
Office: NWQ 6579
Cell Phone: 414 429-5432
Email: jwisnie@uwm.edu

Dan Cordas
Office: NWQ 6570
Cell: 414 587-7556
Email: cordas@uwm.edu

Inclusion Statement:

By appreciating the importance of inclusion, we acknowledge that the collective and individual talents, skills, and perspectives of members, constituent groups, and fosters a culture of belonging, collaborative practice, innovation, and mutual respect. The learning environment of the classroom will be safe, respectful, & promote the successful outcomes of all participants.

UWM Main Campus Resources for Students:

- For a complete list of UWM campus student resources please see clinical ed folder in Canvas.

How to get questions answered:

- Email will be answered within 24 hours Mon – Fri.
- Email convention: when sending email regarding this class please use this subject line: DMI 350.
- You must use your UWM email account or forward your UWM email to your most frequently used account. Communication is largely conducted via UWM email or Canvas course announcements.
- In person. You are welcome to stop in to our offices any day Mon.-Fri. check in advance to be sure that the instructor will be available to you.

Email or phone messages may not be checked or answered on Saturdays and Sundays

Required Text: Erlich/Coakes: Patient Care in Radiograph. 9th Edition
**Course Description:** Blended format. This course will familiarize the student with the basic principles of patient care. The course material will cover infection control and safety, body mechanics, basic nursing procedures, and emergency care in radiography.

**Class Meeting Times:** Wednesday 9:00 am – 10:50 am. This course is designed to be presented in blended format; therefore, attendance is mandatory at all face to face sessions.

**Time Involved:** This is a 2.0 credit course, students should plan on devoting 6 hours per week to this class, including class sessions, reading, assignments, and studying for tests.

**Class Policy:**

- Classes cannot be repeated therefore class attendance in all Face to Face (F2F) sessions is mandatory.
- **In all academic classes only 2 absences per semester are allowed per course (unless a note from a physician is provided), students who exceed this amount will fail the course.**
- Excessive tardiness is not acceptable and can result in failure of this course.
- **Unless otherwise excused, class missed for any reason will result in zero attendance for that day.**
- The instructor is happy to meet with students before and or after class for additional help/tutoring if needed.
- Please let instructor know by email if this is something you are interested in or need.

**Course Learning Objectives:** At the conclusion of the course, the student will:

- Describe the radiographer’s role in relation to the radiologist, referring physician, hospital administration, nursing personnel, and other hospital staff.
- Explain the purpose and benefits of different types of professional organizations.
- Discuss the importance of professional communications, including sensitivity, appropriateness, and the rationale for confidentiality.
- Locate the portions of a chart containing information relevant to diagnosis, history, current status, lab reports, radiography reports, allergies, and medications.
- List 5 reasons for keeping accurate medical records.
- Demonstrate age-specific approaches for infants, children, adults, and the elderly in the radiology department.
- List in sequence the steps to be taken if there is a fire in the work area.
- Identify and describe the types of work injuries most common among imaging technologists and how to prevent them.
- Explain infection control concepts as they relate to minimizing the transmission of infection.
- Discuss the precautions to be followed to prevent disease transmission.
- List three personal comfort needs common to most patients
- List four complications that may arise from improper patient positioning.
- Measure and record temperature, pulse rate, respiration rate and blood pressure.
- State the normal values for temperature, pulse, respiration, and blood pressure.
- Identify common lab tests used for patient assessment and identify the purpose of each.
- Demonstrate safe techniques for moving and transferring patients, using the principles of good body mechanics.
- Identify and prioritize emergencies and varying levels of patient acuteness.
• Discuss the procedures for dealing with acute patient situations.
• Demonstrate correct procedure for sterile gloving
• Demonstrate correct procedure for establishing a sterile field and adding items without contaminating it.
• Identify the special conditions and environments involved in bedside radiography.

A variety of learning activities are designed to accommodate diverse learning styles and build a community of learners. Students are responsible for reviewing the syllabus, course schedule, and all posted course materials.

Learning activities may include the following:
• Reading assigned chapters in the textbook, articles, and handouts.
• Viewing course power point presentations
• Viewing course website links (where provided or embedded in lectures)
• Completing course components (not limited to: assignments/quizzes/exams/projects) as assigned in the time frame designated.
• Participating in course discussions and group assignments
• Hands on lab college of nursing (patient vitals)

Readings:
All sessions contain a reading assignment for the assigned textbook, relevant articles from scholarly journals and/or handouts that supplement or summarize one or more concepts of the lesson.

Links and Web sites:
Some lessons contain web links to video lectures and resources; students are responsible for the content from these assigned internet readings/activities

Lectures:
Each module includes a F2F lecture. Students are responsible for viewing these lecture-style presentations in Canvas prior to class in order to better participate in class discussions and homework assignments.

Quizzes:
Quizzes include content from all learning activities. These assessments are delivered as take home. Quizzes are intended to be “open-book”. Please do not discuss quiz questions with classmates or other students at any time during the program. Students are expected to adhere to the Academic Integrity policies of the University. Students who are caught cheating will receive a grade of “0” for the quiz, with all ramifications that may have for the final grade in the course, and the student may be subject to further sanctions from the program/university.

Tests:
All tests except the final will be administered in Canvas. The final will be delivered F2F. The final is a cumulative exam and will include content from all learning activities. For tests in D2L, only one attempt allowed and a time limit once you begin. You are to complete the tests independently without assistance from classmates or other sources.
Revealing the content of test questions to classmates or other students is not permitted at any time during or after the program. Students are expected to adhere to the Academic Integrity policies of the University.
Students who are caught cheating will receive a grade of “0” for the test, with all ramifications that may have for the final grade in the course, and the student may be subject to further sanctions from the program/university.

**Grade Weighting:**

<table>
<thead>
<tr>
<th>Assignments/Quizzes</th>
<th>15%</th>
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</thead>
<tbody>
<tr>
<td>Class attendance/participation</td>
<td>15%</td>
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<tr>
<td>Unit Tests</td>
<td>40%</td>
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<tr>
<td>Final Exam</td>
<td>30%</td>
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</table>

**Academic Grading:**

All academic course grades will be determined according to a fixed percentage scale. There will be no rounding of scores. In this course, students accumulate points during the semester through scores on exams, quizzes, and assignments. Grades are assigned according to the following scale:

- 96-100% A
- 92-95.9% A-
- 90-91.9% B+
- 87-89.9% B
- 85-86.9% B-
- 83-84.9% C+
- 80-82.9% C
- 78-79.9% C-
- 76-77.9% D+
- 73-75.9% D
- 70-72.9% D-
- Below 70% F

**To pass the course the student must receive a minimum grade of C (80%).**

**Monitoring Your Progress:**

You will be able to monitor your progress for this course through D2L by clicking on the “Grades” tab at the top of the page.

**Disclaimer:**

As many factors may affect the development and progress of a course, the instructor reserves the right to alter this syllabus as may be required to assure attainment of course learning objectives. All course requirements, readings, and assignments may be subject to change at any time during the course. All times are Central Time (CT).
THE INSTRUCTORS RESERVES THE RIGHT TO REVISE THIS SCHEDULE – WATCH FOR ANNOUNCEMENTS ON D2L

### ORIENTATION CLASS SCHEDULE

<table>
<thead>
<tr>
<th>Date</th>
<th>Topic</th>
<th>Assignments</th>
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</thead>
<tbody>
<tr>
<td>9/3</td>
<td>Chapter 1 Introduction to Radiography</td>
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<tr>
<td>Class 1 F2F</td>
<td>(10-1130)</td>
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<tr>
<td></td>
<td>Jayne</td>
<td></td>
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<tr>
<td>9/4</td>
<td>Chapter 6 Professional Attitudes &amp; Communications</td>
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<tr>
<td>Class 2 F2F</td>
<td>(14:30-16:00)</td>
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<td></td>
<td>Jayne</td>
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<tr>
<td>9/6</td>
<td>Chapter 12 Patient Transfer lecture &amp; lab</td>
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<tr>
<td>Class 3 F2F</td>
<td>(9:00 – 11:30)</td>
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<td></td>
<td>Dan &amp; Jayne &amp; Madge</td>
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### REGULAR CLASS SCHEDULE (0900-1050 Wednesday)

<table>
<thead>
<tr>
<th>Date</th>
<th>Topic</th>
<th>Assignments</th>
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</thead>
<tbody>
<tr>
<td>9/11</td>
<td>Chapter 4 The Healthcare Delivery System</td>
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<tr>
<td>Class 4 F2F</td>
<td>Chapter 5 Professional Roles &amp; Behaviors</td>
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<tr>
<td>9/18</td>
<td>Test Chapter 4 - online Canvas open until 9/24 1139 pm</td>
<td>Quiz ch. 4 &amp; 5 due 9/18</td>
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<tr>
<td>Class 5 online</td>
<td>Test Chapter 5 - online Canvas open until 9/24 1139 pm</td>
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<tr>
<td>9/25</td>
<td>Chapter 7 Safety</td>
<td>Quiz ch 7 &amp; 8 due 10/2</td>
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<td>Class 6 F2F</td>
<td>Chapter 8 Infection Control</td>
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<tr>
<td>10/2</td>
<td>Test Chapter 7 - online Canvas open until 10/8 1139 pm</td>
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<tr>
<td>Class 7 online</td>
<td>Test Chapter 8 – online Canvas open until 10/8 1139 pm</td>
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<tr>
<td>10/9</td>
<td>Chapter 10 Response to Patients personal &amp; physical needs</td>
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<td>Class 8 F2F</td>
<td>Chapter 11 Patient Assessment F2F</td>
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<td>UWM Nursing Patient Assessment hands on learning lab</td>
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<tr>
<td>10/16</td>
<td>Test Chapter 10 online Canvas open until 10/22 1139 pm</td>
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<tr>
<td>Class 9 online</td>
<td>Test Chapter 11 online Canvas open until 10/22 1130 pm</td>
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<tr>
<td>10/23</td>
<td>Chapter 9 Preventing Disease Transmission</td>
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<tr>
<td>Class 10 F2F</td>
<td>Chapter 15 Emergency Response</td>
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<td>10/30</td>
<td>Chapter 16 Dealing with Acute Situations</td>
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<td>Class 11 F2F</td>
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<tr>
<td>11/6</td>
<td>Test Chapter 9, 15 &amp; 16 online Canvas open until 11/26 1139 pm</td>
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<td>Class 12 online</td>
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<td>11/13</td>
<td>Ch 20 Bedside Radiography</td>
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<tr>
<td>Class 13 F2f</td>
<td>Test Chapter 20 online Canvas open until 11/26 1139 pm</td>
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<tr>
<td>11/27</td>
<td>No Class – Thanksgiving Recess</td>
<td>Quiz ch 9, 15 &amp; 16 due 11/6</td>
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<td>12/4</td>
<td>Chapter 18 Surgical Asepsis</td>
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<tr>
<td>Class 14 F2F</td>
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<tr>
<td>12/11</td>
<td>Test Chapter 18 online Canvas open until 12/17 Intro Review</td>
<td>Quiz 18 due canvas 12/11</td>
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<tr>
<td>Class 15 F2F</td>
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<tr>
<td>12/18</td>
<td>Final</td>
<td>Final next class</td>
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<tr>
<td>F2F</td>
<td></td>
<td>Enjoy your break!</td>
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</tbody>
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University Policies

Syllabus Links

1. **Students with disabilities.** Information regarding special accommodations so that they are provided in a timely manner. [http://www4.uwm.edu/sac/SACltr.pdf](http://www4.uwm.edu/sac/SACltr.pdf)

2. **Religious observances.** Accommodations for absences due to religious observance. [http://www4.uwm.edu/secu/docs/other/S1.5.htm](http://www4.uwm.edu/secu/docs/other/S1.5.htm)

3. **Students called to active military duty.** Accommodations for absences due to call-up of reserves to active military duty.

Students: [http://www4.uwm.edu/current_students/military_call_up.cfm](http://www4.uwm.edu/current_students/military_call_up.cfm)

4. **Incompletes.** A notation of "incomplete" may be given in lieu of a final grade to a student who has carried a subject successfully until the end of a semester but who, because of illness or other unusual and substantiated cause beyond the student's control, has been unable to take or complete the final examination or to complete some limited amount of term work. [http://www4.uwm.edu/secu/docs/other/S31.pdf](http://www4.uwm.edu/secu/docs/other/S31.pdf)

5. **Discriminatory conduct (such as sexual harassment).** Discriminatory conduct will not be tolerated by the University. It poisons the work and learning environment of the University and threatens the careers, educational experience, and well-being of students, faculty, and staff. [http://www4.uwm.edu/secu/docs/other/S47.pdf](http://www4.uwm.edu/secu/docs/other/S47.pdf)

6. **Academic misconduct.** Cheating on exams or plagiarism are violations of the academic honor code and carry severe sanctions, including failing a course or even suspension or dismissal from the University. [http://www4.uwm.edu/acad_aff/policy/academicmisconduct.cfm](http://www4.uwm.edu/acad_aff/policy/academicmisconduct.cfm)

**A further note on plagiarism:** Plagiarism is defined as attempting to pass someone else’s work as your own by failing to properly cite sources (Merriam-Webster online dictionary, [www.m-w.com](http://www.m-w.com)) this includes other student’s work, that published in traditional print forms, and that obtained via internet sources. Plagiarism in any form will not be tolerated. If I am able to “Google” text from any student work, and the results demonstrate that it is taken directly from a source without proper citation, regardless of the number or instances observed in the assignment the assignment will receive a grade of “F”, with all ramifications that may have for the final grade in the course. No accommodations will be made to allow the student to make up the assignment. Remember to cite any and all sources used in this course, including websites.

All students are expected to observe the CHS Honor Code in this class. The Honor code can be found at [http://www4.uwm.edu/chs/students/honorcode/honorcode.html](http://www4.uwm.edu/chs/students/honorcode/honorcode.html)

7. **Complaint procedures.** Students may direct complaints to the head of the academic unit or department in which the complaint occurs. If the complaint allegedly violates a specific university policy, it may be directed to the head of the department or academic unit in which the complaint occurred or to the appropriate university office responsible for enforcing the policy. [http://www4.uwm.edu/secu/docs/other/S49.7.htm](http://www4.uwm.edu/secu/docs/other/S49.7.htm)

8. **Grade appeal procedures.** A student may appeal a grade on the grounds that it is based on a capricious or arbitrary decision of the course instructor. Such an appeal shall follow the established procedures adopted by the department, college, or school in which the course resides or in the case of graduate students, the Graduate School. These procedures are available in writing from the respective department chairperson or the Academic Dean of the College/School. [http://www4.uwm.edu/secu/docs/other/S28.htm](http://www4.uwm.edu/secu/docs/other/S28.htm)

9. **Other Final exam requirement, the final exam date requirement, etc.** [http://www4.uwm.edu/secu/docs/other/S22.htm](http://www4.uwm.edu/secu/docs/other/S22.htm)

10. **Selected Academic and Administrative Policy 24.5, Firearms and Dangerous Weapons Policy.**
Wireless and Electronic devices:
These guidelines can be found at http://www.4.uwm.edu/chs/students/index.html. In addition, the following apply to any face-to-face sessions conducted during this course: (1) The use of laptops for the purposes of taking notes during class is permitted. Please refrain from any extracurricular activities, such as surfing the internet, checking or composing email, or completing assignments for this or any other course. The first instance of inappropriate usage will result in a verbal warning and the powering down of the device. Any subsequent inappropriate usage will forfeit the right to use the device in class; (2) All devices must be set to mute during class. Accepting or placing voice, email, or text messages during class is prohibited. If an emergency situation exists and you expect you will need to accept a message, please let the instructor know prior to the beginning of class. The first instance of inappropriate usage will result in a verbal warning and the powering down of the device. Any subsequent inappropriate usage will result in confiscation of the device until the end of class; (3) No devices are permitted during exams. All devices must be set to mute or turned off and properly stowed prior to the start of the exam. If an emergency situation exists and you expect you will need to accept a message, please let the instructor know prior to the beginning of class. Except for pre-approved situations, any use of wireless or electronic devices during exams will not be tolerated. The device will be confiscated, the exam will be turned into the instructor immediately, and the student will be asked to leave the room. Appropriate policies governing academic misconduct will be pursued.