



North Central State College  
**MASTER SYLLABUS**  
**2019-2020**

- A. Academic Division: Health Sciences
- B. Discipline: Radiological Science
- C. Course Number and Title: RADS2321 Clinical Practicum 3
- D. Course Coordinator: Dorie Ford R.T. (R) (M), BSPA, M. Ed  
Assistant Dean: Melinda Roepke, MSN, RN

Instructor Information:

- Name: [Click here to enter text.](#)
- Office Location: [Click here to enter text.](#)
- Office Hours: [Click here to enter text.](#)
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- E. Credit Hours: 1  
 Practicum: 7 hours
- F. Prerequisites: RADS1260  
Co-requisites: RADS 2340 (m), RADS 2360 (m)
- G. Syllabus Effective Date: Fall 2019
- H. Textbook(s) Title: None
- I. Workbook(s) and/or Lab Manual:

Radiologic Sciences Policy and Procedure Manual (provided to the student in the first semester of the program)

- J. Course Description: Clinical Practicum is designed to provide students with practical application of material learned in didactic courses. In this course students will continue to perform radiographic procedures under the appropriate level of supervision of qualified radiographers. Students will learn how to operate fluoroscopy equipment and perform contrasted exams of the GI tract. Student will continue rotations through mobile and surgical radiography. Students will begin orthopedic rotations to learn various modifications of radiographic positioning and procedures. Students complete clinical objectives and competencies.

- K. College-Wide Learning Outcomes:

College-Wide Learning Outcome	Assessments - - How it is met & When it is met
Communication – Written	
Communication – Speech	
Intercultural Knowledge and Competence	
Critical Thinking	
Information Literacy	
Quantitative Literacy	

L. Course Outcomes and Assessment Methods:

Upon successful completion of this course, the student shall:

1. Use appropriate and effective written, oral and nonverbal communication with patients, the public and members of the health care team in the clinical setting.	Observation and evaluation of students obtaining a patient history, providing instruction and oral feedback to patients during examinations, presenting cases to physicians, and by interacting with other medical staff each clinical day weeks 1-3, 4-6, 7 and 8. Clinical instructor evaluation weeks 8. Clinical notebook check weeks 8.
2. Perform medical imaging procedures under the appropriate level of supervision	Radiographer evaluations weeks 1-3, 4-6, 7 and 8. Clinical instructor evaluations weeks 8, clinical competencies 1-3, 4-6, 7 and 8. Tally sheet week 8
3. Provide patient-centered, clinically effective care for all patients regardless of age, gender, disability, special needs, ethnicity or culture.	Radiographer evaluations weeks 1-3, 4-6, 7 and 8. Clinical instructor evaluations weeks 8, clinical competencies 1-3, 4-6, 7 and 8. Tally sheet week 8.
4. Demonstrate competency in the principles of radiation protection standards.	Radiographer evaluations weeks 1-3, 4-6, 7 and 8. Clinical instructor evaluations weeks 8, clinical competencies 1-3, 4-6, 7 and 8. Clinical exam week 8.
5. Demonstrate knowledge of correct positioning skill on patients.	Radiographer evaluations weeks 1-3, 4-6, 7 and 8. Clinical instructor evaluations weeks 8, clinical competencies 1-3, 4-6, 7 and 8. Orthopaedic rotation objective week 15. Clinical exam week 8
6. Operate medical imaging equipment correctly	Radiographer evaluations weeks 1-3, 4-6, 7 and 8. Clinical instructor evaluations weeks 8, clinical competencies 1-3, 4-6, 7 and 8. Mobile 2 and Surgical 2 objective weeks 8. Equipment #2 objective (fluoro) week 8.
7. Provide patient safety.	Radiographer evaluations weeks 1-3, 4-6, 7 and 8. Clinical instructor evaluations weeks 8, clinical competencies 1-3, 4-6, 7 and 8. Transport #2 objective weekly by student.
8. Enter data correctly into the clinical facility's HIS/RIS system.	Radiographer evaluations weeks 1-3, 4-6, 7 and 8. Clinical instructor evaluations weeks 8, clinical competencies 1-3, 4-6, 7 and 8.
9. Select technical factors to produce quality diagnostic images with the lowest radiation exposure possible.	Radiographer evaluations weeks 1-3, 4-6, 7 and 8. Clinical instructor evaluations weeks 8, clinical competencies 1-3, 4-6, 7 and 8. Clinical exam week 8
10. Evaluate images for appropriate anatomy, image quality and patient identification.	Radiographer evaluations weeks 1-3, 4-6, 7 and 8. Clinical instructor evaluations weeks 8, clinical competencies 1-3, 4-6, 7 and 8. Clinical exam week 8 Orthopaedic objective week 8, Clinical exam week 8
11. Integrate the appropriate personal and professional values into clinical practice.	Clinical instructor evaluations weeks 8 (Section 1).

M. Topical Timeline (Subject to Change):

**Clinical Applications**

- Week 1            Fluoroscopy Equipment Operations  
                      Patient Transport  
                      Radiology Data Entry
- Weeks 2-4        Orthopaedic Radiology/Mobile Radiography
- Weeks 4-6        Gastrointestinal Radiography
- Weeks 6-8        Hepatobiliary Radiography/Surgical Radiography

N. Course Assignments:

- Complete objectives  
Complete competencies  
Maintain clinical records  
Journaling  
Reflective Papers  
Class discussion  
Clinical test  
Review of Images  
Create a clinical notebook

O. Recommended Grading Scale:

<b>NUMERIC</b>	<b>GRADE</b>	<b>POINTS</b>	<b>DEFINITION</b>
93-100	A	4.00	Superior
90-92	A-	3.67	Superior
87-89	B+	3.33	Above Average
83-86	B	3.00	Above Average
80-82	B-	2.67	Above Average
77-79	C+	2.33	Average
73-76	C	2.00	Average
70-72	C-	1.67	Below Average
67-69	D+	1.33	Below Average
63-66	D	1.00	Below Average
60-62	D-	0.67	Poor
00-59	F	0.00	Failure

P. Grading and Testing Guidelines:

- Radiographer Evaluations 10%  
Clinical Competencies 30%  
Clinical Instructor Evaluation 35%  
Clinical Test/Discussion Board 25%

Q. Examination Policy:

Students will be given a clinical schedule and are expected to perform clinical competencies throughout the semester. A clinical test will be given week 4 at the college. Students must obtain a radiographer evaluation each clinical week. Clinical Instructors will complete a more intensive evaluation week 8.

R. Class Attendance and Homework Make-Up Policy:

Any clinical time that is missed must be made up by the student. Specific guidelines for making up clinical time may be found in the program policy and procedure manual.

S. Classroom Expectations:

Students are expected to adhere to all policy and procedures set forth by the Radiological Science Program and all hospital clinical facilities in which they are assigned.

T. College Procedures/Policies:

**Important information regarding College Procedures and Policies can be found on the [syllabus supplement](https://sharept.ncstatecollege.edu/committees/1/curriculum/SiteAssets/SitePages/Home/SYLLABUS%20SUPPLEMENT.pdf) located at <https://sharept.ncstatecollege.edu/committees/1/curriculum/SiteAssets/SitePages/Home/SYLLABUS%20SUPPLEMENT.pdf>**

**The information can also be found** Choose an item.