North Central State College

MASTER SYLLABUS
2019-2020

A. Academic Division: Health Sciences

B. Discipline: Radiological Science

C. Course Number and Title: RADS2420 Clinical Practicum 4

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.
- Phone Number: Click here to enter text.
- E-Mail Address Click here to enter text.

E. Credit Hours: 2
Practicum: 14 hours

F. Prerequisites: RADS2360
Co-requisites: RADS2460 (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. Introductory clinical rotations will be schedule in the modalities of CT and MRI to help students gain an understanding of cross-sectional anatomy and the role these special imaging modalities play in the diagnosis of diseases. Student will rotate to a pediatric hospital to gain experience imaging pediatric patients. 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:

Outcomes	Assessments – How it is met & When it is met
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 weeks1-3, 4-6,7-9,10-12,13-15. Clinical instructor evaluation weeks 8 and 15. Clinical notebook check weeks 8 and 15. Pediatric and trauma objectives weekly by student
2. Perform medical imaging procedures under the appropriate level of supervision.	Radiographer evaluations weeks 5-7, 8-10,11-13, 14 and 15, clinical instructor evaluations weeks 8 and 15, clinical competencies 5-7, 8-10,11-13, 14 and 15. Tally sheet week 15
3. Provide patient-centered, clinically effective care for all patients regardless of age, gender, disability, special needs, ethnicity or culture.	Radiographer evaluations weeks 5-7, 8-10,11-13, 14 and 15, clinical instructor evaluations weeks 8 and 15, clinical competencies 5-7, 8-10,11-13, 14 and 15. Pediatric objectives, Trauma objectives weekly by student
4. Demonstrate competency in the principles of radiation protection standards.	Radiographer evaluations weeks 5-7, 8-10,11-13, 14 and 15, clinical instructor evaluations weeks 8 and 15, clinical competencies 5-7, 8-10,11-13, 14 and 15. Clinical exam week 16
5. Demonstrate knowledge of correct positioning skills on patients.	Radiographer evaluations weeks 5-7, 8-10,11-13, 14 and 15, clinical instructor evaluations weeks 8 and 15, clinical competencies 5-7, 8-10,11-13, 14 and 15. CT and MRI objectives week 15. Discussion board (rubric) weeks 4-7 and 8-11.Clinical exam week 16
6. Operate medical imaging equipment correctly.	Radiographer evaluations weeks 5-7, 8-10,11-13, 14 and 15, clinical instructor evaluations weeks 8 and 15, clinical competencies 5-7, 8-10,11-13, 14 and 15. CT and MRI objectives week 15.
7. Provide patient safety.	Radiographer evaluations weeks 5-7, 8-10,11-13, 14 and 15, clinical instructor evaluations weeks 8 and 15, clinical competencies 5-7, 8-10,11-13, 14 and 15.
8. Enter data correctly into the clinical facility's HIS/RIS system	Radiographer evaluations weeks 5-7, 8-10,11-13, 14 and 15, clinical instructor evaluations weeks 8 and 15, clinical competencies 5-7, 8-10,11-13, 14 and 15

Outcomes	Assessments – How it is met & When it is met
9. Select technical factors to produce quality diagnostic images with the lowest radiation exposure possible	Radiographer evaluations weeks 5-7, 8-10,11-13, 14 and 15, clinical instructor evaluations weeks 8 and 15, clinical competencies 5-7, 8-10,11-13, 14 and 15. CT and MRI objectives week 15. Clinical exam week 16
10. Evaluate images for appropriate anatomy, image quality and patient identification	Radiographer evaluations weeks 5-7, 8-10,11-13, 14 and 15, clinical instructor evaluations weeks 8 and 15, clinical competencies 5-7, 8-10,11-13, 14 and 15. CT and MRI objectives week 15. Clinical exam week 16
11. Integrate the appropriate personal and professional values into clinical practice.	Clinical instructor evaluations weeks 8 and 15 (Section 1).

M. Topical Timeline (Subject to Change):

Clinical Applications

Weeks 1-4 Pediatric Imaging
Weeks 5-8 Trauma Imaging
Weeks 9-12 Orthopedic Imaging
Weeks 13-15 Special Procedures Imaging

N. Course Assignments:

Complete objectives
Complete competencies
Maintain clinical records
Journaling
Reflective writing
Class discussion
Clinical test
Review of Images
Clinical notebook

O. Recommended Grading Scale:

NUMERIC	GRADE	POINTS	DEFINITION
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 16 at the college. Students must obtain a radiographer evaluation each clinical week. Clinical Instructors will complete a more intensive evaluation weeks 8 and 15.

R. Class Attendance and Homework Make-Up Policy:

Any clinical time that is missed must be made up by the student.

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 **located at https://sharept.ncstatecollege.edu/committees/1/curriculum/SiteAssets/SitePages/Home/SYLLABUS%20SUPPLEMENT.pdf**

The information can also be found Choose an item.