



North Central State College
MASTER SYLLABUS
2019-2020

- A. Academic Division: Health Science
- B. Discipline: Radiological Sciences
- C. Course Number and Title: RADS 2560 Imaging Science 5
- D. Course Coordinator: Ellen Johnson, M.E., R.T. (R)
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: 3
Lecture: 2
Laboratory: 2
- F. Prerequisites, RADS 2440
Co-requisites: RADS 2540(m)
- G. Syllabus Effective Date, Fall, 2019
- H. Textbook(s) Title:

Mosby's Comprehensive Review of Radiography

- Author: Callaway
- Copyright Year: 2016
- Edition: 7th
- ISBN: 9780323354233

All Radiologic Textbooks used in all Radiology courses

- I. Workbook(s) and/or Lab Manual: None
- J. Course Description: This course is designed to incorporate learned radiologic concepts and clinical practices. Focus areas in radiology will be reviewed in preparation for graduation. This course includes evaluations for final competencies in clinical and didactic studies. The course will also present information in resume writing, interview techniques, professional development including certification and licensure requirements, ethical /legal responsibilities and transition from student to radiographer. The lab setting will permit application of these skills.

K. College-Wide Learning Outcomes:

College-Wide Learning Outcome	Assessments - - How it is met & When it is met
Communication – Written	
Communication – Speech	Communication – Speech VALUE Rubric – Week 10-12
Intercultural Knowledge and Competence	
Critical Thinking	
Information Literacy	
Quantitative Literacy	Quantitative Literacy VALUE Rubric – Week 13-14

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. Integrates learned concepts from all radiology courses.	Tests Week 3, 5, 7, 9, 11, 13, 15
2. Delivers a well-organized oral presentation.	Oral Presentation VALUE Rubric Week 12
3. Performs final competencies as assigned.	Lab simulation rubric Weeks 1-15
4. Performs a multiple exam final competency	Multiple exam rubric – Week 11-12
5. Complete a professional resume	Rubric – Week 8
6. Identify components of a successful job interview.	Rubric – Week 9
7. Complete assigned summaries of educational sessions at the annual meeting of the OSRT	Rubric – OSRT Annual Meeting (around week 10)
8. Demonstrate properly obtained vital signs	Vital Signs Rubric Week 14

M. Topical Timeline (Subject to Change):

Week 1	Safety
Week 2	Protection Safety
Week 3	Safety
Week 4	Safety
Week 5	Image Production
Week 6	Resume Writing
Week 7	Interview Techniques
Week 8	Image Production
Week 9	Image Production
Week 10	OSRT Annual Meeting
Week 11	Image Production
Week 12	Image Production
Week 13	Patient Care
Week 14	Patient Care
Week 15	Patient Care
Week 16	Comprehensive Final

N. Course Assignments:

Weekly Reading	Progressive Tests	Lab simulations
Worksheets	Skills practice	Oral Presentation Rubric
Quantitative Literacy Rubric		

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:

7 Written Tests	420 points
Vital Signs Test	30 points
Educational meeting	30 points
Participation	15 points
Lab simulations	120 points
Oral Presentation	50 points
Comprehensive Final	200 points
Total	865 points

Q. Examination Policy:

Test dates are given on the course calendar which is handed out on the first class day. Every attempt will be made to follow this schedule. However, if a change is needed it will be announced in class. If a test has to be changed, I will give the class at least one week notice.

The Radiology Department believes that a grade below C- indicates a lack of mastery of essential content and skills. Any student who receives less than C- in any radiological sequence course cannot continue in the program or meet graduation requirements.

R. Class Attendance and Homework Make-Up Policy:

Generally, the student will be expected to make-up any missed test/quiz on the next day that student is on campus OR using the campus make-up test service, whichever comes first. Exceptions may be made at faculty discretion. The student **must speak to the instructor directly** or communicate through email before the next class meeting time so make-up arrangements can be made. If I haven't talked to you directly, I will email you. All emails posted prior to 10 pm are valid even if you are not aware of the email.

S. Classroom Expectations:

1. All students are expected to demonstrate professional behavior in the classroom and use language appropriate for the classroom learning experience.
2. Look at the course calendar and READ the assigned material before class.

3. Complete homework on time.
4. Come to class with the required material: textbook, class notes, notebook (or extra binder paper), homework, writing instruments, etc. Be organized!
5. Cell phone use is not permitted during class time. Any student's cell phone that rings, vibrates loudly, or is used for texting during class will result in a \$1.00 fine from that student. Monies collected from cell phone fines will be donated to the Robert L. Garber Scholarship for radiology students.
6. Eating is not permitted during class. You may have something to drink at your table provided it is in a spill-proof container
7. On a test day, the classroom is a no talking zone for the 30 minute time period prior to the beginning of the class.
8. When you have finished your test and turned it in, you must exit the classroom. You are not permitted back into the classroom until all students have finished the test.
9. Please keep the noise down in the hallway – there are other classes in session.
10. At the end of a class, please clean up your area and put the chair under the table.

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.