Montgomery County Community College
RAD 251 Imaging Professionals and Professional Readiness
3-3-0

COURSE DESCRIPTION:
This course is an introduction to additional imaging concentrations. Information is shared on, but not limited to equipment, radiation dose, methods of image creation, basic indication and contraindications, image appearance and educational/certification requirements pertaining to the various imaging concentrations. This course also contains a capstone component that will review major points that were covered throughout the student's didactic & clinical education. The focus of this course will be on resume preparation, interview skills and mock Registry exams. The intent of this course is to prepare the student for the ARRT exam and for employment after graduation. Students will be required to complete a capstone project.

REQUISITES:
Previous Course Requirements
        RAD 221 Radiographic Procedures III
        RAD 214 Clinical Education IV
        RAD 103 Radiation Protection and Biology

Previous or Concurrent Course Requirements
        RAD 224 Clinical Education V
        RAD 230 Radiographic Pathology

COURSE COMMENT(S):
None

LEARNING OUTCOMES Upon successful completion of this course, the student will be able to:	LEARNING ACTIVITIES	EVALUATION METHODS
1. Write a professional resume using proper skills in an appropriate professional format.	Lecture/Discussion Guest Presentations Student Presentations On-Line Searches Written Exercises Oral Exercises	Resume Rubric
2. Practice the skill of interviewing for a job in the diagnostic imaging field.	Lecture/Discussion Guest Presentations Student Presentations Role Playing Oral Exercises	Critical Thinking Assignments Interview Exercise
3. Compare and contrast opportunities to	Lecture/Discussion Guest Presentations	Discussion Questions Exams

advance educationally through articulation agreements with Bachelor of Science degree programs as well as participate in professional dialogue with institutional representatives.	Student Presentations On-Line Searches Written Exercises Group Discussion	
4. Complete mock registry exams to Program standard.	Lecture/Discussion Student Presentations Computer Demonstration Written Exercises Oral Exercises	Exams
5. Successfully apply for the ARRT registry examination.	Lecture/Discussion Guest Presentations Student Presentations ARRT Application On-Line Searches Written Exercises Oral Exercises	Discussion Questions Application submission
6. Explain professional credentialing and the associated organizations.	Lecture/Discussion Guest Presentations Student Presentations On-Line Searches Written Exercises Oral Exercises Videos	Discussion Questions Exams
7. Discuss and demonstrate professional development and advancement.	Lecture/Discussion Guest Presentations Professional Conference(s) ARRT Application Videos	Discussion Questions Exams
8. Describe the basis of ethics and characteristics of ethical behavior.	Lecture/Discussion Case Studies Oral Exercises	Discussion Questions Case Studies Exams
9. List ethical dilemmas and ethically-complex areas of medical imaging,	Lecture/Discussion Case Studies Oral Exercises	Discussion Questions Case Studies Exams
10. Assemble a capstone project in preparation for graduation and employment.	Lecture/Discussion Guest Presentations Mock Interview Written Exercises	Cover Letter and Resume Rubric Mock Interview(s) Reflection
11. Discuss the image	Lecture/Discussion	Discussion Questions

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