RAD 521, 3 Credit Hours, Advance Practice of Radiologic/Imaging Sciences I Course Syllabus

INSTRUCTOR:
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Class Time & Location: Desire to Learn Online Access Only

OFFICE HOURS:
Location: College of Applied Science and Arts – 120B
Tuesday: 12:00 p.m. – 3:00 p.m.
Thursday: 12:00 p.m.–3:00 p.m.
Friday: 8:00 a.m. – 9:00 a.m.

COURSE DESCRIPTION:
This course will continue to cover the same topics that were reviewed in RAD 541. Topics include: Radiation physics, radiation biology, anatomy, pharmacology, human disease/pathology, advanced imaging methods, advanced imaging modalities, and patient care.

PREREQUISITES TO:
N/A

COURSE OBJECTIVES:
The objectives of RAD 521, Advance Practice of Radiologic/Imaging Sciences I are to gain a greater understanding of the following topics

1. Radiation Physics
2. Radiation Biology
3. Anatomy
4. Pharmacology
5. Human Disease/Pathology
6. Advanced Imaging Methods
7. Advanced Imaging Modalities
8. Patient Care

TOPICAL OUTLINE:

I. Radiation Physics 12.5%
II. Radiation Biology 12.5%
III. Anatomy 12.5%
IV. Pharmacology 12.5%
V. Human Disease/Pathology 12.5%
VI. Advanced Imaging Methods 12.5%
VII. Advanced Imaging Modalities 12.5%
VIII. Patient Care 12.5%

TEXTBOOKS:


**MEANS OF STUDENT EVALUATION:**
Test = 70%
Quizzes & Assignments = 30%

A = 93-100%
B = 85-92%
C = 77-84%
D = 70-76%
F = 0–69%

**ATTENDANCE POLICY:**
While there is no formal attendance policy, please check email daily and online platform (D2L) as this will be our mode of communication.