

# 2024-25 ACADEMIC COURSES

## RAD 232 : DIGITAL IMAGING IN RADIOGRAPHY

In this course, students are introduced to the physical principles of digital radiography imaging systems. Topics include digital image acquisition processing, the effective use of exposure factors for digital image receptors (computed radiography and flat-panel digital radiography), imaging physics of digital fluoroscopy and mammography, and quality control for digital radiographic equipment. The principles of image display, archiving, and retrieval commonly used for Picture Archiving Communication Systems (PACS) will also be presented. Level I Prerequisite: Academic Reading and Writing Levels of 6; RAD 190 minimum grade "C-"

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| Description    | Hours |
|----------------|-------|
| Credits        | 2     |
| Lecture Hours  | 15    |
| Clinical Hours | 0     |
| Lab Hours      | 30    |
| Other Hours    | 0     |
| Total Hours    | 45    |

Accurate as of 12/12/2025 Information is subject to change without notice.