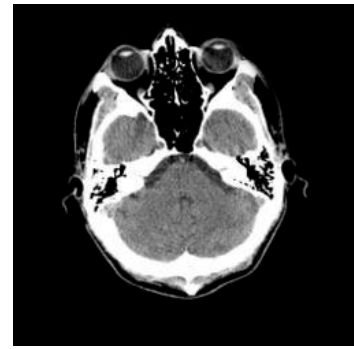
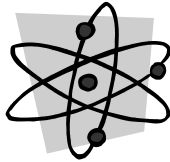




New Course Announcement!



Physics of Diagnostic Imaging



ERHS 712



Offered alternate years beginning Fall 2007

Didactic lecture style covering the physics of radiography, fluoroscopy, computerized tomography, ultrasound, nuclear medicine and magnetic resonance imaging

The goals of this course include

- ✓ Learning the physical processes of ionizing and non-ionizing image formation
- ✓ Understanding how the various imaging modalities are used in a clinical setting
- ✓ Learning how key imaging parameters are varied to reduce patient exposure while optimizing image quality
- ✓ Learning methods to utilize the imaging modalities safely
- ✓ Providing a comprehensive review of imaging physics for radiology and radiation oncology residents preparing for their specialty board examinations

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