BME 532	Biomedical Imaging
Catalog Data	This course is designed to provide students with a working knowledge of the theoretical and experimental principles underlying the major medical imaging systems including CT, MRI, Ultrasound, and X-ray.
Course Total	Credit Hours: 3 Lecture: 3 Laboratory: - Project -
Prerequisites	Graduate Standing and consent of instructor
Course Coor	dinator: Biomedical Engineering Faculty
	Textbooks
2. Introduction	n to Biomedical Imaging, Andrew G. Webb. December 2002, Wiley-IEEE press.
	References
	References Physics of Medical Imaging (2 nd Edition), J. T. Bushberg, J.A. Seibert, E.M. Leidholdt ne. November 2001.
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Jr., J. M. Booi	 Physics of Medical Imaging (2nd Edition), J. T. Bushberg, J.A. Seibert, E.M. Leidholdt ne. November 2001. 1. To expose students to the world of biomedical imaging with emphasis on principles, approaches and application of modern imaging systems, including modern biomedical imaging modalities of x-ray imaging and computed tomography
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