

Course Number

ECE-487-01

Course Description

The basic physics, instrumentation, system design, and image reconstruction algorithms are covered for the following imaging modalities: ultrasound, radiography, x-ray computed tomography (CT), magnetic resonance imaging (MRI), planar scintigraphy, and positron emission tomography (PET).

Academic Term

21/FA

Instructor

Buma, Takashi

Location & Meeting Time

Integrated Science & Engineering Complex-150 T/TH 10:55AM-12:40PM LEC

Petition

Y

Credits

1.00

Capacity

24

Total Students

13

Academic Department

Electrical & Computer Engineer

Bioengineering

Field Of Study

Electrical & Computer Engineer (ECE)