

PHYSICS (PHYS)

PHYS 6701 Radiation Detection Techniques

3 credit hours

This course introduces the students to sources of radiation and some of the basic detection techniques. The topics may include interaction of radiation with matter, general detector characteristics, and introduction to gas filled detectors, semiconductor detectors and scintillator detectors.

PHYS 6790-6799 Special Topics in Physics

3 credit hours

This course covers advanced topics in physics chosen according to the interests of the students and instructor, and requires some measure of independence and initiative from the student.