

PHYSICS (PHYS)

PHYS 101 ~INTRO TO PHYSICS 1	4 Credit Hours
Mechanics, thermal physics and vibrations. Non-calculus based for students in preprofessional programs and college transfer programs. (3 lecture)	
Prerequisite(s): MATH 125 or MATH 126 or MATH 128	
Corequisite(s): PHYS 101L	
PHYS 101L INTRO PHYSICS 1 LAB	0 Credit Hours
Corequisite(s): PHYS 101	
PHYS 102 ~INTRO TO PHYSICS 2	4 Credit Hours
Continuation of PHYS 101 that includes the study of electricity, magnetism, light and optics. Non-calculus based for students in preprofessional programs and college transfer programs. (3 lecture, 2 lab)	
Prerequisite(s): PHYS 111 or PHYS 101	
Corequisite(s): PHYS 102L	
PHYS 102L INTRO TO PHYSICS 2 LAB	0 Credit Hours
Corequisite lab of PHYS 102.	
Corequisite(s): PHYS 102	
PHYS 103 INTRODUCTORY PHYSICS	4 Credit Hours
Designed to meet the requirements of the Elementary Education Science Sepcialization 5-9. Topics to be covered are motion, work, energy, heat, sound, light, electricity and magnetism. An integration of scientific inquiry with basic principles of physics. (4 lecture)	
Prerequisite(s): MATH 115 or MATH 126	
Corequisite(s): PHYS 103L	
PHYS 103L INTRO PHYSICS LAB	0 Credit Hours
Corequisite(s): PHYS 103	
PHYS 111 ~GENERAL PHYSICS 1	4 Credit Hours
Mechanics, thermal physics and vibrations. Calculus-based course designed for students in physics and engineering majors. (3 lecture)	
Prerequisite(s): MATH 155	
Corequisite(s): PHYS 111L	
PHYS 111L GENERAL PHYSICS 1 LAB	0 Credit Hours
Corequisite lab for PHYS 111. (2 lab)	
Corequisite(s): PHYS 111	
PHYS 112 ~GENERAL PHYSICS 2	4 Credit Hours
Continuation of PHYS 111. Light; optics; electricity; magnetism. (3 lecture)	
Prerequisite(s): MATH 155 and PHYS 111	
Corequisite(s): PHYS 112L	
PHYS 112L GENERAL PHYSICS 2 LAB	0 Credit Hours
(2 lab)	
Corequisite(s): PHYS 112	
PHYS 293 COOPERATIVE WORK EXPERIENCE	1-2 Credit Hours
(1-2 lecture)	
PHYS 297 SPECIAL TOPICS	1-4 Credit Hours
(1-4 lab)	
PHYS 299 INDEPENDENT STUDY	1-2 Credit Hours
(1-2 lecture)	
PHYS 397 SPECIAL TOPICS	1-4 Credit Hours
PHYS 399 INDEPENDENT STUDY	1-6 Credit Hours