Physics or Engineering

PHYS 201 (1931) College Physics I
Prerequisite: Concurrent enrollment in or completion of MATH 125 Trigonometry
Reading Placement Test Level: College Reading
Credit Hours: 5
Physics I is the study of translational and rotational motion, force, work, mechanical and thermal energy, linear and angular momentum, and fluid mechanics using the tools of algebra and trigonometry.

PHYS 203 (0901) Engineering Physics I
Prerequisite: Concurrent enrollment in or completion of MATH 130 Calculus I
Credit Hours: 5
Physics I is the study of translational and rotational motion, force, work, mechanical and thermal energy, linear and angular momentum, and fluid mechanics using the tools of algebra, trigonometry, and calculus.

PHYS 205 (1932) College Physics II
Prerequisite: MATH 125 Trigonometry and PHYS 201 College Physics I
Credit Hours: 5
Physics II is the continuation of Physics 201 using the tools of algebra and trigonometry. Topics covered in this course will include electricity and magnetism, waves, optics, and an introduction to modern physics.

PHYS 208 (0902) Engineering Physics II
Prerequisite: Concurrent enrollment in or completion of MATH 131 Calculus II.
Credit Hours: 5
Physics 208 is the continuation of Physics 203 using the tools of algebra, trigonometry, and calculus. Topics covered in this course will include electricity and magnetism, waves, optics, and an introduction to modern physics.

PHYS 210 (0903) Statics (IO)
Prerequisite: MATH 125 Trigonometry, PHYS 203 Engineering Physics I, and MATH 131 Calculus II (MATH 201 Calculus III or INDU 131 Engineering Graphics I are strongly recommended.)
Credit Hours: 3
A sophomore engineering course on force and force systems as applied to engineering problems, friction, centers of gravity, and moment of inertia.

PHYS 214 (0907) Independent Study in College or Engineering Physics (IO)
Prerequisite: Consent of instructor.
Credit Hours: 3
Independent study in specialized areas of physics for the individual student. May be repeated for credit not to exceed three hours.

Reading Essentials Placement Scores: ACT 0-12, COMPASS 0-54
College Reading Placement Scores: ACT 13-16, COMPASS 55-74
No Reading Course Required Placement Scores: ACT 17 or Higher, COMPASS 75 or higher
IO = Infrequently Offered Course