

PHYS - PHYSICS

PHYS 1101 College Physics I Laboratory 1 Credit Hour (4 Lab)

This laboratory-based course accompanies PHYS 1301, College Physics I. Laboratory activities will reinforce fundamental principles of physics, using algebra and trigonometry; the principles and applications of classical mechanics and thermodynamics, including harmonic motion, mechanical waves and sound, physical systems, Newton's Laws of Motion, and gravitation and other fundamental forces; emphasis will be on problem solving. Prerequisite: College ready in Reading, English and a grade of "C" or better in MATH 1316 or MATH 2412. CB Number: CB 40.0801.53.03.

PHYS 1102 College Physics II Laboratory 1 Credit Hour (4 Lab)

This laboratory-based course accompanies PHYS 1302, College Physics II. Laboratory activities will reinforce fundamental principles of physics, using algebra and trigonometry; the principles and applications of electricity and magnetism, including circuits, electrostatics, electromagnetism, waves, sound, light, optics, and modern physics topics; with emphasis on problem solving. Prerequisite: A grade of C or better in PHYS 1301 and PHYS 1101, or PHYS 1401. CB Number: CB 40.0801.53.03.

PHYS 1115 Physical Science I Laboratory 1 Credit Hour (3 Lab)

This laboratory-based course accompanies PHYS 1315, Physical Science I. Laboratory activities will reinforce surveys topics from physics, chemistry, geology, astronomy, and meteorology. Prerequisite: College ready in Reading, Writing and Mathematics. CB Number: CB 40.0101.51.03.

Prerequisite: ((Writing-College Ready with a minimum score of 1300, Reading-College Ready with a minimum score of 1300, and Math-College Ready with a minimum score of 1300), (ENGL 376 with a grade of C_DV or higher, READ 376 with a grade of C_DV or higher, and MATH 376 with a grade of C_DV or higher), (ENGL 376 with a grade of P_DV or higher, READ 376 with a grade of P_DV or higher, and MATH 376 with a grade of P_DV or higher), (MATH 314 with a grade of C_DV or higher and INRW 376 with a grade of C_DV or higher), (MATH 324 with a grade of C_DV or higher and INRW 376 with a grade of C_DV or higher), (TSIA2 Math CRC with a minimum score of 950, TSIA2 ELAR CRC with a minimum score of 945, and TSIA2 Essay with a minimum score of 5), (TSIA2 Math CRC with a minimum score of 950, TSIA2 Essay with a minimum score of 5, and TSIA2 ELAR Diagnostic with a minimum score of 5), (TSIA2 Math Diagnostic with a minimum score of 6, TSIA2 ELAR CRC with a minimum score of 945, and TSIA2 Essay with a minimum score of 5), (TSIA2 Math Diagnostic with a minimum score of 6, TSIA2 Essay with a minimum score of 5, and TSIA2 ELAR Diagnostic with a minimum score of 5), (MATH 314 with a grade of P_DV or higher and INRW 376 with a grade of P_DV or higher), or (MATH 324 with a grade of P_DV or higher and INRW 376 with a grade of P_DV or higher))

PHYS 1301 College Physics I 3 Credit Hours (3 Lec)

College Physics I is the first part of a two-course sequence. Fundamental principles of physics, using algebra and trigonometry; the principles and applications of classical mechanics and thermodynamics, including harmonic motion, mechanical waves and sound, physical systems, Newton's Laws of Motion, and gravitation and other fundamental forces; with emphasis on problem solving. Prerequisite: College ready in Reading, English and a grade of "C" or better in MATH 1316 or MATH 2412. CB Number: CB 40.0801.53.03.

Course Type: Life Physical Sci - A CAPP

PHYS 1302 College Physics II 3 Credit Hours (3 Lec)

College Physics II is the second part of a two-course sequence.

Fundamental principles of physics, using algebra and trigonometry; the principles and applications of electricity and magnetism, including circuits, electrostatics, electromagnetism, waves, sound, light, optics, and modern physics topics; with emphasis on problem solving. Prerequisite: A grade of "C" or better in PHYS 1301 and PHYS 1101, or PHYS 1401. CB Number: CB 40.0801.53.03.

Course Type: Life Physical Sci - A CAPP

PHYS 1315 Physical Science I 3 Credit Hours (3 Lec)

Physical Science I is the first part of a two-course sequence. Course, designed for non-science majors, that surveys topics from physics, chemistry, geology, astronomy, and meteorology. Prerequisite: College ready in Reading, Writing and Mathematics.

Course Type: Life Physical Sci - A CAPP

Prerequisite: ((Writing-College Ready with a minimum score of 1300, Reading-College Ready with a minimum score of 1300, and Math-College Ready with a minimum score of 1300), (ENGL 376 with a grade of C_DV or higher, READ 376 with a grade of C_DV or higher, and MATH 376 with a grade of C_DV or higher), (ENGL 376 with a grade of P_DV or higher, READ 376 with a grade of P_DV or higher, and MATH 376 with a grade of P_DV or higher), (MATH 314 with a grade of C_DV or higher and INRW 376 with a grade of C_DV or higher), (MATH 324 with a grade of C_DV or higher and INRW 376 with a grade of C_DV or higher), (TSIA2 Math CRC with a minimum score of 950, TSIA2 ELAR CRC with a minimum score of 945, and TSIA2 Essay with a minimum score of 5), (TSIA2 Math CRC with a minimum score of 950, TSIA2 Essay with a minimum score of 5, and TSIA2 ELAR Diagnostic with a minimum score of 5), (TSIA2 Math Diagnostic with a minimum score of 6, TSIA2 ELAR CRC with a minimum score of 945, and TSIA2 Essay with a minimum score of 5), (TSIA2 Math Diagnostic with a minimum score of 6, TSIA2 Essay with a minimum score of 5, and TSIA2 ELAR Diagnostic with a minimum score of 5), (MATH 314 with a grade of P_DV or higher and INRW 376 with a grade of P_DV or higher), or (MATH 324 with a grade of P_DV or higher and INRW 376 with a grade of P_DV or higher))

PHYS 1401 College Physics I 4 Credit Hours (3 Lec, 4 Lab)

This course is a study of the fundamental laws and theories of physics. Topics included are atomic structure; linear, circular, and simple harmonic motion; forces; Newton's Laws; energy and thermal concepts. Fall and Summer I. Prerequisite: MATH 1316 or approval of the instructor.

Prerequisite: (Writing-College Ready with a minimum score of 1300, ENGL 373 with a grade of C_DV or higher, TCOMP--Writing Sample (Essay) with a minimum score of 6, THEA--Writing (Objective) with a minimum score of 220, TASP--Writing (Objective) with a minimum score of 220, TCOMP--Reading with a minimum score of 81, (TAKS--ELA (Exit Level) with a minimum score of 2200 and TAKS--Essay (Exit Level) with a minimum score of 3), ENGL 373 with a grade of P_DV or higher, ENGL 376 with a grade of C_DV or higher, or ENGL 376 with a grade of P_DV or higher); (Reading-College Ready with a minimum score of 1300, READ 375 with a grade of C_DV or higher, TCOMP--Reading with a minimum score of 81, TASP--Reading with a minimum score of 230, (TAKS--ELA (Exit Level) with a minimum score of 2200 and TAKS--Essay (Exit Level) with a minimum score of 3), READ 375 with a grade of P_DV or higher, READ 376 with a grade of C_DV or higher, or READ 376 with a grade of P_DV or higher); ((MATH 1316 with a grade of C or higher, MATH 1316 with a grade of C or higher, Writing-College Ready with a minimum score of 1300, Writing-College Ready with a minimum score of 1300, Reading-College Ready with a minimum score of 1300, and Reading-College Ready with a minimum score of 1300) or (MATH 2412 with a grade of C or higher, MATH 2412 with a grade of C or higher, Reading-College Ready with a minimum score of 1300, Reading-College Ready with a minimum score of 1300, Writing-College Ready with a minimum score of 1300, and Writing-College Ready with a minimum score of 1300)); ((Writing-College Ready with a minimum score of 1300, Reading-College Ready with a minimum score of 1300, and Math-College Ready with a minimum score of 1300), (ENGL 376 with a grade of C_DV or higher, READ 376 with a grade of C_DV or higher, and MATH 376 with a grade of C_DV or higher), (ENGL 376 with a grade of P_DV or higher, READ 376 with a grade of P_DV or higher, and MATH 376 with a grade of P_DV or higher), (MATH 314 with a grade of C_DV or higher and INRW 376 with a grade of C_DV or higher), (MATH 324 with a grade of C_DV or higher and INRW 376 with a grade of C_DV or higher), (TSIA2 Math CRC with a minimum score of 950, TSIA2 ELAR CRC with a minimum score of 945, and TSIA2 Essay with a minimum score of 5), (TSIA2 Math CRC with a minimum score of 950, TSIA2 Essay with a minimum score of 5, and TSIA2 ELAR Diagnostic with a minimum score of 5), (TSIA2 Math Diagnostic with a minimum score of 6, TSIA2 ELAR CRC with a minimum score of 945, and TSIA2 Essay with a minimum score of 5), (TSIA2 Math Diagnostic with a minimum score of 6, TSIA2 Essay with a minimum score of 5, and TSIA2 ELAR Diagnostic with a minimum score of 5), (MATH 314 with a grade of P_DV or higher and INRW 376 with a grade of P_DV or higher), or (MATH 324 with a grade of P_DV or higher and INRW 376 with a grade of P_DV or higher))

PHYS 1402 College Physics II 0-4 Credit Hours (3 Lec, 4 Lab)

This course is a continuation of PHYS 1401 with emphasis on mechanical waves; electrostatics; DC & AC circuits; electromagnetic waves; optics; and nuclear and quantum physics. Spring and Summer II. Prerequisite: Grade of "C" or better in PHYS 1401 or approval of the instructor.

Prerequisite: (PHYS 1401 with a grade of C or higher or (PHYS 1301 with a grade of C or higher and PHYS 1101 with a grade of C or higher))

PHYS 1405 Elementary Physics I 4 Credit Hours (3 Lec, 2 Lab)

This is a survey course for students who want a basic descriptive introduction to physics. The topics covered are the metric system; linear and circular motion; forces; work; energy; properties of matter; temperature; heat; and expansion. Fall. Prerequisites: 12th grade reading level and eligibility for ENGL 1301 and MATH 1314.

Prerequisite: (Writing-College Ready with a minimum score of 1300, ENGL 373 with a grade of C_DV or higher, TCOMP--Writing Sample (Essay) with a minimum score of 6, THEA--Writing (Objective) with a minimum score of 220, TASP--Writing (Objective) with a minimum score of 220, TCOMP--Reading with a minimum score of 81, (TAKS--ELA (Exit Level) with a minimum score of 2200 and TAKS--Essay (Exit Level) with a minimum score of 3), ENGL 373 with a grade of P_DV or higher, ENGL 376 with a grade of C_DV or higher, or ENGL 376 with a grade of P_DV or higher); ((Writing-College Ready with a minimum score of 1300, Reading-College Ready with a minimum score of 1300, and Math-College Ready with a minimum score of 1300), (ENGL 376 with a grade of C_DV or higher, READ 376 with a grade of C_DV or higher, and MATH 376 with a grade of C_DV or higher), (ENGL 376 with a grade of P_DV or higher, READ 376 with a grade of P_DV or higher, and MATH 376 with a grade of P_DV or higher), (MATH 314 with a grade of C_DV or higher and INRW 376 with a grade of C_DV or higher), (MATH 324 with a grade of C_DV or higher and INRW 376 with a grade of C_DV or higher), (TSIA2 Math CRC with a minimum score of 950, TSIA2 ELAR CRC with a minimum score of 945, and TSIA2 Essay with a minimum score of 5), (TSIA2 Math CRC with a minimum score of 950, TSIA2 Essay with a minimum score of 5, and TSIA2 ELAR Diagnostic with a minimum score of 5), (TSIA2 Math Diagnostic with a minimum score of 6, TSIA2 ELAR CRC with a minimum score of 945, and TSIA2 Essay with a minimum score of 5), (TSIA2 Math Diagnostic with a minimum score of 6, TSIA2 Essay with a minimum score of 5, and TSIA2 ELAR Diagnostic with a minimum score of 5), (MATH 314 with a grade of P_DV or higher and INRW 376 with a grade of P_DV or higher), or (MATH 324 with a grade of P_DV or higher and INRW 376 with a grade of P_DV or higher)); (Reading-College Ready with a minimum score of 1300, READ 375 with a grade of C_DV or higher, TCOMP--Reading with a minimum score of 81, TASP--Reading with a minimum score of 230, (TAKS--ELA (Exit Level) with a minimum score of 2200 and TAKS--Essay (Exit Level) with a minimum score of 3), READ 375 with a grade of P_DV or higher, READ 376 with a grade of C_DV or higher, or READ 376 with a grade of P_DV or higher); (Math-College Ready with a minimum score of 1300, MATH 376 with a grade of C_DV or higher, TCOMP--Math (Algebra) with a minimum score of 39, THEA--Math with a minimum score of 230, TASP--Math with a minimum score of 230, TAKS--Math (Exit Level) with a minimum score of 2200, or MATH 376 with a grade of P_DV or higher)

PHYS 1407 Elementary Physics II 4 Credit Hours (3 Lec, 2 Lab)

This is a continuation of PHYS 1405. The topics covered are vibrating bodies; sound; light; electricity; magnetism; and atomic and nuclear physics. PHYS 1405 and 1407 are primarily intended for students whose curricula call for six or eight semester hours of science. Spring.

Prerequisite: PHYS 1405 or approval of the instructor

Prerequisite: PHYS 1405

PHYS 1410 Elementary Physics 4 Credit Hours (3 Lec, 2 Lab)

This is a survey course for students who want a basic descriptive introduction to physics. Topics covered include the metric system; linear and circular motion; forces; work; energy; properties of matter; temperature; heat; thermal expansion; oscillations; sound; light; waves; electricity and magnetism; and atomic and nuclear physics. It is designated for non-science majors. Fall and Spring. Prerequisites: 12th grade reading level and eligibility for ENGL 1301 and MATH 1314. Prerequisite: (Writing-College Ready with a minimum score of 1300, ENGL 373 with a grade of C_DV or higher, TCOMP--Writing Sample (Essay) with a minimum score of 6, THEA--Writing (Objective) with a minimum score of 220, TASP--Writing (Objective) with a minimum score of 220, TCOMP--Reading with a minimum score of 81, (TAKS--ELA (Exit Level) with a minimum score of 2200 and TAKS--Essay (Exit Level) with a minimum score of 3), ENGL 373 with a grade of P_DV or higher, ENGL 376 with a grade of C_DV or higher, or ENGL 376 with a grade of P_DV or higher); ((Writing-College Ready with a minimum score of 1300, Reading-College Ready with a minimum score of 1300, and Math-College Ready with a minimum score of 1300), (ENGL 376 with a grade of C_DV or higher, READ 376 with a grade of C_DV or higher, and MATH 376 with a grade of C_DV or higher), (ENGL 376 with a grade of P_DV or higher, READ 376 with a grade of P_DV or higher, and MATH 376 with a grade of P_DV or higher), (MATH 314 with a grade of C_DV or higher and INRW 376 with a grade of C_DV or higher), (MATH 324 with a grade of C_DV or higher and INRW 376 with a grade of C_DV or higher), (TSIA2 Math CRC with a minimum score of 950, TSIA2 ELAR CRC with a minimum score of 945, and TSIA2 Essay with a minimum score of 5), (TSIA2 Math CRC with a minimum score of 950, TSIA2 Essay with a minimum score of 5, and TSIA2 ELAR Diagnostic with a minimum score of 5), (TSIA2 Math Diagnostic with a minimum score of 6, TSIA2 ELAR CRC with a minimum score of 945, and TSIA2 Essay with a minimum score of 5), (TSIA2 Math Diagnostic with a minimum score of 6, TSIA2 Essay with a minimum score of 5, and TSIA2 ELAR Diagnostic with a minimum score of 5), (MATH 314 with a grade of P_DV or higher and INRW 376 with a grade of P_DV or higher), or (MATH 324 with a grade of P_DV or higher and INRW 376 with a grade of P_DV or higher)); (Reading-College Ready with a minimum score of 1300, READ 375 with a grade of C_DV or higher, TCOMP--Reading with a minimum score of 81, TASP--Reading with a minimum score of 230, (TAKS--ELA (Exit Level) with a minimum score of 2200 and TAKS--Essay (Exit Level) with a minimum score of 3), READ 375 with a grade of P_DV or higher, READ 376 with a grade of C_DV or higher, or READ 376 with a grade of P_DV or higher); (Math-College Ready with a minimum score of 1300, MATH 376 with a grade of C_DV or higher, TCOMP--Math (Algebra) with a minimum score of 39, THEA--Math with a minimum score of 230, TASP--Math with a minimum score of 230, TAKS--Math (Exit Level) with a minimum score of 2200, or MATH 376 with a grade of P_DV or higher)

PHYS 1415 Physical Science I 4 Credit Hours (3 Lec, 3 Lab)

This is a college level course designed for non-science majors, which surveys topics in Chemistry and Physics. This course fulfills four of the 12 hours of science requirements for some degree plans (check with your advisor and/or college of transfer). It is required for elementary education certification for students transferring to TAMU. It is not for students majoring or minoring in science. Fall and Spring. Prerequisites: 12th grade reading level and eligibility for ENGL 1301 and MATH 1314. Prerequisite: (Writing-College Ready with a minimum score of 1300, ENGL 373 with a grade of C_DV or higher, TCOMP--Writing Sample (Essay) with a minimum score of 6, THEA--Writing (Objective) with a minimum score of 220, TASP--Writing (Objective) with a minimum score of 220, TCOMP--Reading with a minimum score of 81, (TAKS--ELA (Exit Level) with a minimum score of 2200 and TAKS--Essay (Exit Level) with a minimum score of 3), ENGL 373 with a grade of P_DV or higher, ENGL 376 with a grade of C_DV or higher, or ENGL 376 with a grade of P_DV or higher); ((Writing-College Ready with a minimum score of 1300, Reading-College Ready with a minimum score of 1300, and Math-College Ready with a minimum score of 1300), (ENGL 376 with a grade of C_DV or higher, READ 376 with a grade of C_DV or higher, and MATH 376 with a grade of C_DV or higher), (ENGL 376 with a grade of P_DV or higher, READ 376 with a grade of P_DV or higher, and MATH 376 with a grade of P_DV or higher), (MATH 314 with a grade of C_DV or higher and INRW 376 with a grade of C_DV or higher), (MATH 324 with a grade of C_DV or higher and INRW 376 with a grade of C_DV or higher), (TSIA2 Math CRC with a minimum score of 950, TSIA2 ELAR CRC with a minimum score of 945, and TSIA2 Essay with a minimum score of 5), (TSIA2 Math CRC with a minimum score of 950, TSIA2 Essay with a minimum score of 5, and TSIA2 ELAR Diagnostic with a minimum score of 5), (TSIA2 Math Diagnostic with a minimum score of 6, TSIA2 ELAR CRC with a minimum score of 945, and TSIA2 Essay with a minimum score of 5), (TSIA2 Math Diagnostic with a minimum score of 6, TSIA2 Essay with a minimum score of 5, and TSIA2 ELAR Diagnostic with a minimum score of 5), (MATH 314 with a grade of P_DV or higher and INRW 376 with a grade of P_DV or higher), or (MATH 324 with a grade of P_DV or higher and INRW 376 with a grade of P_DV or higher)); (Reading-College Ready with a minimum score of 1300, READ 375 with a grade of C_DV or higher, TCOMP--Reading with a minimum score of 81, TASP--Reading with a minimum score of 230, (TAKS--ELA (Exit Level) with a minimum score of 2200 and TAKS--Essay (Exit Level) with a minimum score of 3), READ 375 with a grade of P_DV or higher, READ 376 with a grade of C_DV or higher, or READ 376 with a grade of P_DV or higher); (Math-College Ready with a minimum score of 1300, MATH 376 with a grade of C_DV or higher, TCOMP--Math (Algebra) with a minimum score of 39, THEA--Math with a minimum score of 230, TASP--Math with a minimum score of 230, TAKS--Math (Exit Level) with a minimum score of 2200, or MATH 376 with a grade of P_DV or higher)

PHYS 2125 University Physics I Laboratory 1 Credit Hour (3 Lab)

This laboratory-based course accompanies PHYS 2325, University Physics I. Basic laboratory experiments supporting theoretical principles presented in PHYS 2325 involving the principles and applications of classical mechanics, including harmonic motion and physical systems; experimental design, data collection and analysis, and preparation of laboratory reports. Prerequisite: College ready in Reading, Writing and a grade of "C" or better in MATH 2413. CB Number: CB 40.0801.53.03.

PHYS 2126 University Physics II Laboratory 1 Credit Hour (3 Lab)

This laboratory-based course accompanies PHYS 2326, University Physics II. Laboratory experiments supporting theoretical principles presented in PHYS 2326 involving the principles of electricity and magnetism, including circuits, electromagnetism, waves, sound, light, and optics; experimental design, data collection and analysis, and preparation of laboratory reports. Prerequisite: A grade of "C" or better in PHYS 2325 and PHYS 2125, or PHYS 2425 and a grade of "C" or better in MATH 2414. CB Number: CB 40.0801.56.03.

PHYS 2325 University Physics I 3 Credit Hours (3 Lec)

University Physics I is the first part of a two-course sequence. Fundamental principles of physics, using calculus, for science, computer science, and engineering majors; the principles and applications of classical mechanics, including harmonic motion, physical systems and thermodynamics; and emphasis on problem solving. Prerequisite: College ready in Reading, Writing and a grade of "C" or better in MATH 2413. CB Number: CB 40.0801.52.03. Course Type: Life Physical Sci - A CAPP

PHYS 2326 University Physics II 3 Credit Hours (3 Lec)

University Physics II is the second part of a two-course sequence. Principles of physics for science, computer science, and engineering majors, using calculus, involving the principles of electricity and magnetism, including circuits, electromagnetism, waves, sound, light, and optics. Prerequisite: A grade of "C" or better in PHYS 2325 and PHYS 2125, or PHYS 2425 and a grade of "C" or better in MATH 2414. CB Number: CB 40.0801.55.03. Course Type: Life Physical Sci - A CAPP

PHYS 2389 Academic Cooperative in Physics 3 Credit Hours (1 Lec, 6 Lab)

An instructional program designed to integrate on-campus study with practical hands-on work experience in the physical sciences. In conjunction with class seminars, the individual students will set specific goals and objectives in the scientific study of inanimate objects, processes of matter and energy, and associated phenomena. Prerequisite: PHYS 1301, PHYS 1101, PHYS 1302, and PHYS 1102; or PHYS 2325, PHYS 2125, PHYS 2326, and PHYS 2126. CB Number: CB 40.0101.58.03. Prerequisite: PHYS 1402 and PHYS 2426

PHYS 2425 University Physics I 4 Credit Hours (3 Lec, 4 Lab)

This is a detailed, calculus-based study of the fundamental laws and theories of physics. Topics covered include atomic structure; linear, circular, and simple harmonic motion; forces; Newton's Laws; energy; and thermal concepts. Fall. Prerequisites: 12th grade reading level and eligibility for ENGL 1301 and MATH 1314. Corequisite: MATH 2413 or approval of the instructor. Prerequisite: (Writing-College Ready with a minimum score of 1300, ENGL 373 with a grade of C_DV or higher, TCOMP--Writing Sample (Essay) with a minimum score of 6, THEA--Writing (Objective) with a minimum score of 220, TASP--Writing (Objective) with a minimum score of 220, TCOMP--Reading with a minimum score of 81, (TAKS--ELA (Exit Level) with a minimum score of 2200 and TAKS--Essay (Exit Level) with a minimum score of 3), ENGL 373 with a grade of P_DV or higher, ENGL 376 with a grade of C_DV or higher, or ENGL 376 with a grade of P_DV or higher); ((Writing-College Ready with a minimum score of 1300, Reading-College Ready with a minimum score of 1300, and Math-College Ready with a minimum score of 1300), (ENGL 376 with a grade of C_DV or higher, READ 376 with a grade of C_DV or higher, and MATH 376 with a grade of C_DV or higher), (ENGL 376 with a grade of P_DV or higher, READ 376 with a grade of P_DV or higher, and MATH 376 with a grade of P_DV or higher), (MATH 314 with a grade of C_DV or higher and INRW 376 with a grade of C_DV or higher), (MATH 324 with a grade of C_DV or higher and INRW 376 with a grade of C_DV or higher), (TSIA2 Math CRC with a minimum score of 950, TSIA2 ELAR CRC with a minimum score of 945, and TSIA2 Essay with a minimum score of 5), (TSIA2 Math CRC with a minimum score of 950, TSIA2 Essay with a minimum score of 5, and TSIA2 ELAR Diagnostic with a minimum score of 5), (TSIA2 Math Diagnostic with a minimum score of 6, TSIA2 ELAR CRC with a minimum score of 945, and TSIA2 Essay with a minimum score of 5), (TSIA2 Math Diagnostic with a minimum score of 6, TSIA2 Essay with a minimum score of 5, and TSIA2 ELAR Diagnostic with a minimum score of 5), (MATH 314 with a grade of P_DV or higher and INRW 376 with a grade of P_DV or higher), or (MATH 324 with a grade of P_DV or higher and INRW 376 with a grade of P_DV or higher)); (Reading-College Ready with a minimum score of 1300, READ 375 with a grade of C_DV or higher, TCOMP--Reading with a minimum score of 81, TASP--Reading with a minimum score of 230, (TAKS--ELA (Exit Level) with a minimum score of 2200 and TAKS--Essay (Exit Level) with a minimum score of 3), READ 375 with a grade of P_DV or higher, READ 376 with a grade of C_DV or higher, or READ 376 with a grade of P_DV or higher); (Math-College Ready with a minimum score of 1300, MATH 376 with a grade of C_DV or higher, TCOMP--Math (Algebra) with a minimum score of 39, THEA--Math with a minimum score of 230, TASP--Math with a minimum score of 230, TAKS--Math (Exit Level) with a minimum score of 2200, or MATH 376 with a grade of P_DV or higher)

PHYS 2426 University Physics II 4 Credit Hours (3 Lec, 4 Lab)

This course is a continuation of PHYS 2425. This course emphasizes the study of mechanical waves; electrostatics; electromagnetism; DC and AC circuits; electromagnetic waves; optics; and modern physics. Spring. Prerequisites: PHYS 2425 or ENGR 2301 and MATH 2413. Corequisite: MATH 2414 or approval of the instructor. Prerequisite: (PHYS 2425 or ENGR 2301); (PHYS 2325 with a grade of C or higher and PHYS 2125 with a grade of C or higher) Corequisite: MATH 2414