Physics or Engineering

All 5 Credit Hour Physics courses include a Lab.

PHYS 201 (1931) College Physics I KRSN PHY1010**
Prerequisite: Concurrent enrollment in or completion of MATH 125 Trignometry
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 KRSN PHY1030**
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 KRSN PHY2020**
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 KRSN PHY2030**
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.

Political Science

POLS 105 (2270) American Government KRSN POL1020**
Prerequisite: None
Credit Hours: 3
A general, systematic study of the development and structure of the American national government, with emphasis on the actual workings. Serves as a foundation for other political science courses.

POLS 106 International Relations KRSN POL1030**
Prerequisite: None
Credit Hours: 3
Study of significant events, forces and trends in national and international affairs, with an emphasis on interpretation of those current events.
The course will look at International Relations as a discipline and look at the conflicts and cooperation between different nation states, their leaders and how they relate to one another.
Students will study history, geography, military power, terrorism, military and political conflicts and various nations positions on international topics.
This course is designed to help students understand the world around them by having a better understanding of geography different political philosophies, and alliances between nations. By having such an understanding, students will have a better idea of their role in the world as citizens of the United States. In addition to these topics, students will examine daily stories in international events as ongoing course topics to emphasize course material. Students will be asked to participate in daily discussion on those current events.

*Refer to the Placement Testing Procedure 3.22, page 22 **Refer to Course Transfer, page 17