

Gastrointestinal system and cardiopulmonary.

Physics or Engineering

All 5 Credit Hour Physics courses include a Lab.

PHYS 201 (1931) College Physics I KRSN PHY1010/1011/1012**

Prerequisite: Concurrent enrollment in or completion of MATH 125 Trigonometry

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 PHY1030/1031/1032**

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 PHY2020/2021/2022**

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 PHY2030/2031/2032**

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 103 (2271) State and Local Government

Prerequisite: None

Credit Hours: 3

State and Local Government is designed to introduce students to our federal system of government, and it specifically instructs students in the Constitutional basis for State and Local Governments as well as their structure and mechanics. The course emphasizes basic questions about the forces that produce order, conflict, and change in government. State and Local Government is recommended for political science majors, pre-law students, criminal justice students and all students who want an understanding of the processes, functions and institutions of our system of government below the National Government level.

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.

*Refer to the Placement Testing Procedure 3.22, page 24 **Refer to Course Transfer, page 19