Physical Science (PHS)

PHS 102 Astronomy

IAI – P1 906

3 Hours

Prerequisites: None

3 hours weekly (3-0)

A general education course in astronomy that examines astronomical phenomena and concepts, including the solar system, planetary motions, atoms and radiation, stars and galaxies, and the origin and evolution of the universe. Textbook principles as well as observation of the night sky are brought together in this course.

PHS 103 Earth Science

IAI – P1 905L

3 Hours

Prerequisites: None

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PHS 107 Weather & Climate

IAI – P1910

3 Hours

Prerequisites: None

3 hours weekly (3-0)

A first course in the atmospheric sciences, for both science and non-science majors, which integrates an exposure to current atmospheric events with an understanding of current scientific thinking of atmospheric processes. The course covers topics ranging from basic atmospheric composition, structure and motions to an introduction to climatology. The course will also emphasize scientific literacy and qualitative reasoning applied to atmospheric behavior.

SCI 100 STEM Fundamentals

1 Hour

Prerequisits: None

1 hour weekly (1-0)

This course is designed to help STEM-oriented (Science, Technology, Engineering, and Mathematics oriented) students in their transition to college. Students will learn about the resources and services available at John A. Logan College and other higher education institutions, as well as the expectations and challenges of being a STEM-oriented college student. Students will also gain important skills that are required to achieve success in math- and science-based college coursework.

SCI 101 Integrated Life & Physical Science I

IAI – LP900L/901

4 Hours

Prerequisites: None

5 hours weekly (3-2)

Using a combination of lecture and lab, this course integrates various introductory topics as they relate to the life and physical sciences. It is oriented to provide general knowledge on a variety of topics such as general biology and chemistry, cells, energy flow, genetics, evolution, earth's resources, various biotic and abiotic components of ecosystems, as well as resource availability, consumption, pollution,
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