

BIOL 1013 Intro to Anatomy and Physiology

Catalog Description: This course introduces the student to the structure and function of the human body in a systemic approach. The emphasis of this course is on the interrelationships between the body systems, and how the body functions as a living unit. Topics will include basics of cellular structure and function, medical terminology, tissues, and concluding with the body systems. Credit for this course cannot be used for the AAS degrees in the Health Sciences, but may be used as science non-lab credit hours for AA, AS, and AAS Funeral Science degree plans. Successful completion of this course will be counted as a pre-requisite for BIOL 2214.

Prerequisite: None

Credit hours/ Contact hours/Load hours: 3/3/3

Target Audience & Transfer: Students seeking AA general, AS general, AAS Funeral Science, or as a prerequisite for AAS Allied Health Coursework. This course should transfer as an elective non-lab credit; however always check with institution to verify how course will transfer.

Student Learning Outcomes: Students completing this course will:

1. Recall and apply facts, vocabulary, and relationships consistent with courses taught nationally.
2. Use scientific reasoning to comprehend, evaluate, and solve problems pertaining to course content.
3. Locate and use information sources to further their knowledge of anatomy, physiology, and health.
4. Define homeostasis and the interrelationships of the body systems.

Topics:

- Medical terminology
- Cellular and Chemical structure
- Tissues
- Integumentary System
- Skeletal System
- Muscular System
- Neurological System
- Endocrine System
- Cardiovascular System
- Lymphatic System & Immunity
- Respiratory System
- Digestive System, Nutrition, and Metabolism

Northwest Arkansas Community College
Division of Science & Mathematics

- Urinary System & Fluid, Electrolyte, Acid/Base Balance
- Reproductive System

Forms of Assessment:

- Written assignments
- Examinations