Outline of Instruction

Division: Science/Mathematics  Area: Biological Science
Course Number: BIOL 158  Course Name: Anatomy & Physiology II
Prerequisite: BIOL 157  Corequisite: NONE

Hours Required: Class: 45  Lab: 45  Credits: 4 (four)

Course Description/Purpose
A continuation of BIOL 157, this course covers the anatomy and physiology of the human endocrine, circulatory, respiratory, digestive, renal and reproductive systems. This course is required for all students in the Health Sciences curriculum. Course requires laboratory work. Dissection of preserved animal specimens is required.

Major Units
• Endocrine System
• Cardiovascular System
• Respiratory System
• Digestive System
• Urinary System
• Reproductive System

Laboratory Topics
• Endocrine System
• Cardiovascular System
• Respiratory System
• Digestive System
• Urinary System
• Reproductive System

Educational/Course Outcomes
Student learning will be assessed by a variety of methods, including, but not limited to, quizzes and tests, journals, essays, papers, projects, laboratory/clinical exercises and examinations, presentations, simulations, portfolios, homework assignments, and instructor observations.

Cognitive  Each student will be expected to Identify/Recognize . . .
  • the organization of the body on a chemical, cellular, and tissue level;
  • the cardiovascular, lymphatic, respiratory, digestive, and urinary systems as they pertain to the maintenance of the human body;
  • the continuity of the human species through a study of reproduction, development, and inheritance.

Performance  Each student will be expected to Demonstrate/Practice . . .
  • knowledge of the control systems of the human body through nervous action.

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