BIOL A201: HUMAN CADAVER PROSECTION

Item	Value
Curriculum Committee Approval Date	10/04/2023
Top Code	040100 - Biology, General
Units	1 Total Units
Hours	54 Total Hours (Lab Hours 54)
Total Outside of Class Hours	0
Course Credit Status	Credit: Degree Applicable (D)
Material Fee	No
Basic Skills	Not Basic Skills (N)
Repeatable	No
Grading Policy	Standard Letter (S)

Course Description

Students with successful completion of BIOL A220 Human Anatomy, will continue to learn proper dissection techniques, through a supervised prosection course, with a primary focus, but not limited to the musculoskeletal system. PREREQUISITE: BIOL A220. Transfer Credit: CSU; UC.

Course Level Student Learning Outcome(s)

1. Use proper dissection techniques and guided reference materials to clean, isolate, and identify anatomical structures.

Course Objectives

- 1. use proper prosection skills.
- 2. Dissect a human cadaver with a primary focus, but not limited to the musculoskeletal system.
- 3. Identify external anatomical landmarks.
- 4. Identify skeletal muscles and muscle features.
- 5. Use the language of medicine effectively.

Lab Content

Students will be guided through prosection of a human cadaver, incorporating: Proper prosection technique to clean, isolate, and identify organs not limited to the musculoskeletal system. Identification of external anatomical landmarks used to orient anatomical structures. Identification of skeletal musculature and muscle features. Identification of organs and internal organ features. Use of a laboratory notebook to log progress and findings. Use the language of medicine effectively

Method(s) of Instruction

- Lab (04)

Reading Assignments

Review specific anatomical locations in preparation for prosection of that body region.

Writing Assignments

Students will keep a laboratory notebook that logs their specific prosection activities, findings, and progress.

Out-of-class Assignments

Review specific anatomical locations in preparation for prosection of that body region.

Demonstration of Critical Thinking

Students will compare and contrast structures on anatomical models with human cadavers. They will assess tissue integrity and anatomical variations as to expected norms as seen on models.

Required Writing, Problem Solving, Skills Demonstration

Students must be able to demonstrate use of proper prosection skills, as observed in the lab course. Students will keep a weekly prosection log in their laboratory notebook documenting work completed, findings, and progress.

Eligible Disciplines

Biological sciences: Masters degree in any biological science OR bachelors degree in any biological science AND masters degree in biochemistry, biophysics, or marine science OR the equivalent. Masters degree required.

Manuals Resources

1. Clemente, Carmine D.. Clementes Anatomy Dissector, Lippincott, Williams Wilkins , 01-01-2011