

ANATOMY & PHYSIOLOGY

Requirement area: **Science or Elective**

Course code: SAN312

Grade Level: 11, 12 (or instructor permission)

Prerequisite: Successful completion of Biology, Chemistry or Introduction to Sports Medicine

Length: Year long (1.0 credit)

Fee: \$20

Designator: NCAA

Description: This course provides a study of the structures and functions of the human body systems and how they work to maintain homeostasis. Essential principles of anatomy and physiology are presented including basic chemistry, tissue studies and an overview of all the body systems. Class includes lecture, discussions and individual and group laboratory exercises to accompany concepts. Dissections are mandatory and may include a sheep respiratory pluck, full feline dissection, skeletal cow knee and large mammal nervous system structures such as the tongue, eye, brain and spinal cord. *Alternatives to specific dissections are available.*