

Human Anatomy and Physiology

Syllabus

Instructor: Dave Sherden, ATC

School year: 2019-20

Students in this class will learn, in-depth, the structures and workings of various body systems. The year-long focus will be on depth and rigor rather than breadth of coverage. It is an excellent preparation for college level study.

Units will alternate between traditional classroom learning units and lengthy hands-on laboratory units, allowing for real mastery of material.

Classroom Units:

**Introduction and Embryology
Human Tissues and the Skin
Bone Physiology
Muscle Physiology
Circulatory Physiology
Nervous System Physiology**

Laboratory Units:

**Body Systems Survey
The Axial Skeleton
The Appendicular Skeleton
Skeletal Muscles**

This class is intended for advanced senior students with an interest in pursuing further education toward a career in Health Care.