

SYLLABUS  
PART I  
EDISON STATE COMMUNITY COLLEGE  
BIO 126S ANATOMY AND PHYSIOLOGY II  
4 CREDIT HOURS

**COURSE DESCRIPTION**

Continuing study of the structure and function of the human body. Includes the following systems: autonomic nervous system, special senses, cardiovascular, lymphatic, respiratory, digestive, urinary, reproductive and endocrine. Fluid, electrolyte, and acid/base are also included. Three hours of lecture and two hours of lab each week. Prerequisite: One year of high school chemistry or CHM-110S. Lab fee.

**COURSE GOALS**

The student will:

Bloom's Level		Gen Ed Outcomes
2	1. Identify and describe the cellular, tissue, organ, and system levels of the human body.	2
2	2. Distinguish between normal and abnormal conditions of the autonomic nervous system, special senses, cardiovascular, lymphatic, respiratory, digestive, urinary, endocrine and reproductive systems.	2, 6
2	3. Summarize the basic chemical activities associated with fluid, electrolyte, and acid/base activities occurring in the body.	2, 6

**CORE VALUES**

The Core Values are a set of principles that guide in creating educational programs and environments at Edison. They include communication, ethics, critical thinking, human diversity, inquiry/respect for learning, and interpersonal skills/teamwork. The goals, objectives, and activities in this course will introduce/reinforce these Core Values whenever appropriate.

**TOPIC OUTLINE**

1. Autonomic Nervous System
2. Special Senses
3. Cardiovascular System
4. Lymphatic System
5. Respiratory System
6. Digestive System
7. Urinary System
8. Fluid, Electrolyte, Acid/Base
9. Endocrine System
10. Reproductive System