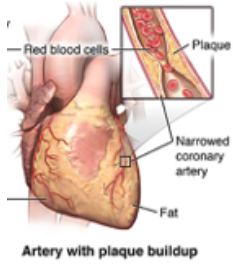
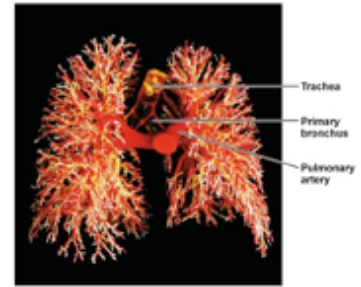


# 03-129 Human Health and Disease



**Elective for Non-majors**  
**9 Units (3 hours lecture/week)**  
**Pre-requisites: none**

**Instructor**  
**Dr. Nesrine Affara**

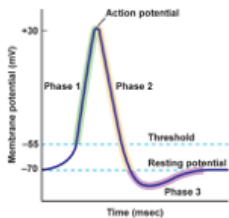


## Learning Objectives

At the end of the course, students should be able to:

- Acquire a thorough knowledge of how the body works to prepare students to apply information to tangible clinical situations.
- Integrate key information about the organ systems and functions to establish a conceptual framework of human physiology.
- Demonstrate an understanding of prognosis of common diseases and integrate knowledge to predict the corresponding medical treatment.
- Explain the use of diagnostic tools/ medical tests in disease detection and interpret results to demonstrate a fundamental knowledge in linking it to one or several diseases.

Develop skills in critical thinking and problem solving in evaluating physiological data



## Course Evaluation

3 midterm exams, a final exam, bi-weekly homework, weekly quizzes, 2 Exciting Discoveries, 2 clinical case scenario

## Exciting Discoveries

**Write a critique and present** about an article published within popular press on recent topics such as vaping and development of emphysema, correlation of covid-19 with blood clots.

## Solving Together a Clinical Scenario

There will be 2 **real life scenarios** where each student will be required to complete a pre-work sheet prior to group work, where students tackle many aspects including correlation of symptoms and anatomy/ functions of organ systems, potential causes leading to the underlying case, treatment approaches, in addition to coming up with future prevention plans for the patient. Finally, the student will complete a reflective assessment following the group work.