

# Human Biology: BIO 1100

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Biological Sciences

New York City College of Technology

# Course Description

- Human biology is an introductory level course for students who do not plan to continue in the sciences or pre-health programs. This course will include a survey of the major systems of the human body with a special emphasis on human health and disease. This will be an integrated course where lecture and lab will be held in the same room.

# Service Learning Project: Outline

- ❖ Students will conduct this project in groups (4-6)
- ❖ Students will contact a local health care center, hospital or student wellness center at City Tech: post all the information that they collect on the Open Lab
- ❖ Students will identify a common disease that they will research further and present their findings to the team; post their topics and findings on the Open Lab for the entire class
- ❖ Students will develop an informational brochure and disseminate this information to the student community in the College; post this information on the Open Lab
- ❖ Each group will leave behind all the information in the form of brochures or any other relevant material for the respective health center, hospital where they started the project
- ❖ Each student will write a project paper at the end of the term.

# General Education Learning Outcomes

- ❖ Students should understand the basic principles of human physiology and anatomy in the context of health and disease; application of scientific knowledge.
- ❖ Students should understand the contribution of scientific research in understanding of human diseases and how it affects society.

# High Impact Learning Practices

- **Service learning:** Students get direct experience with issues they are learning in the classroom and with some real life efforts to analyze and solve problems in the community.
- **Collaborative Assignments and Projects:** Learn to work and solve problems as a team.

# Assessment: Reflects a change in the course

- **Grading: Current versus Previous [ ]**
  - 4 Exams 40% [50%]
  - Service Learning Project 30%
  - Lab Reports 15% [20%]
  - Pre-Lab and Post-Lab Assignments 15%
  - Written Assignments [10%]
  - Class Participation [5%]

# Project Assessment

- Over all Level of Participation as member of a group: Peer evaluation 5%
- Level of Participation on Open Lab both as a group and individually 5%
- Information Brochure: Presentation style and substance 10%
- Individual Project Paper 10%