

**State University of New York
College at Old Westbury
Summer 2018**

Course: CP 2600 Environmental Analysis of Long Island
Time: MTWR 1:00 – 3:30,
Text: Environmental Analysis of Long Island
Instructor: Prof. Timothy Strout
Office: S-112
Office hours: MW After class and by appointment
Phone: 876-2743
Email: Stroutt@oldwestbury.edu

This is an introductory course that will focus on the study of the natural sciences of Long Island. It includes many aspects of biology, earth and atmospheric sciences, fundamental principles of chemistry and physics, human population dynamics, and an appreciation for biological and natural resources. It will always include the consideration of people and how they have influenced the system under examination. This course will use laboratory, field and a case study approach to give the students a "hands-on" approach to the fundamental principles environmental analysis. There will be an emphasis on laboratory and field methodologies, data analysis, and technical communication within an interdisciplinary context.

Prerequisite: EC1: English Composition

Learning Objectives

This course meets the SUNY Learning Objectives for General Education Domain 7, Natural Sciences:

- Understanding of the methods scientists use to explore natural phenomena, including observation, hypothesis development, measurement and data collection, experimentation, evaluation of evidence, and employment of mathematical analysis; and
- Application of scientific data, concepts, and models in one of the natural sciences.
- Understanding the way science influences and is influenced by forces in society

The 4 credit lecture and lab must be taken to fulfill the General Education requirement for a lab science.

Grading

There will be three in-class exams, worth 60% of the grade, 5 online quizzes worth 10%. Laboratory reports and case studies worth 20% of the grade and one short essays (2-3 pages each) discussing current issues related to Long Island's environmental issues will be worth 10%. Points will be deducted for all late material. Details will be discussed further during the semester. All grades will be posted to Blackboard

2 exams	60%
Issue Analysis	10%
1 essays	10%
<u>Laboratory reports</u>	<u>20%</u>
Total	100%

Important Dates: July 13th – last day to add/drop **Aug 1st** – last day to withdraw from course. After this date, an instructor’s signature is required to withdraw from the course and **I will not sign withdrawal forms**. If students are not committed to the class and the work they should withdraw before Aug 1st

ACCOMMODATIONS FOR STUDENTS WITH SPECIAL NEEDS:

If you have or suspect you may have a physical, psychological, medical or learning disability that may impact your course work, please contact Stacey DeFelice, Director, The Office of Services for Students with Disabilities (OSSD), NAB, 2065, Phone: [516-628-5666](tel:5166285666), Fax [\(516\) 876-3005](tel:5168763005), TTD: [\(516\) 876-3083](tel:5168763083). email: defelices@oldwestbury.edu.

The office will help you determine if you qualify for accommodations and assist you with the process of accessing them. All support services are free and all contacts with the OSSD are strictly confidential. SUNY/Old Westbury is committed to assuring that all students have equal access to all learning activities and to social activities on campus.

Writing Center

Visit the Writing Center for help brainstorming or organizing your ideas or for feedback on a draft. You can make an appointment online at <https://oldwestbury.mywconline.com> or stop by the Writing Center located in room L-242 on the main floor of the Library in Campus Center. Hours: Mondays and Tuesdays, 11am-9:30pm and Wednesdays and Thursdays, 10am-7pm. Phone: [\(516\) 876-3093](tel:5168763093).

Academic Integrity

It is assumed that your intellectual labor is your own. If there is any evidence of academic dishonesty, including plagiarism, the minimum penalty will be an automatic failing grade for that piece of work. Plagiarism is taking (and that includes purchasing!) the words and ideas of another and passing them off as one’s own work. If another person’s work is quoted directly in a formal paper, this must be indicated with quotation marks and a citation. Paraphrased or borrowed ideas are to be identified by proper citations as well.

Laboratory:

Laboratory study will be conducted in the class as case studies, in the field, and in the laboratory room. Appropriate clothing is necessary during this time

Week 1 July 9-12	Environmental Valuation, Environmental Lab and land use.
Week 2 July 16-19	Long Islands resources: water, soil, waste management, Exam 1
Week 3 July 23-26	Agriculture, Aquaculture, Feeding a growing population
Week 4 July 20- Aug 2	Energy
Week 5 Aug 6-8	Climate change Final exam