

**LOUISIANA DELTA COMMUNITY COLLEGE  
ACADEMIC AFFAIRS MASTER SYLLABUS**

**DATE APPROVED OR REVISED: \_\_\_\_\_**

Course Name: Environmental Science Laboratory

Course Number: **SCIE 124**

Text: Wright, Richard, T. (2005). *Environmental Science (9<sup>th</sup> edition)*. Pearson Prentice-Hall: New York.

**Lecture Hours:**

**Lab Hours: 3**

**Credit Hours: 1**

**Course Description:** Environmental Science Laboratory (SCIE 124) 1 credit hour. The goal of this course is to present active laboratory exercises to complement the lecture course Environmental Science (SCIE 114). Activities will address concepts presented in SCIE 114 in addition to emphasizing the personal application of science, process skills, problem solving and discovery/inquiry learning.

Pre-requisites: Completion of MATH 110 with a grade of "C" or higher.

Co-requisites: SCIE114

**Learning Outcomes:** On completion of this course, the student will be able to:

- A. Apply laboratory activities and exercises to the major concepts in environmental science.
- B. Identify and explain major concepts in environmental science and their various subtopics.
- C. Discuss orally and explain in writing how the knowledge of environmental processes affect our everyday lives.
- D. Explain the importance of environmental science on society and the business world.
- E. Utilize the process skills and problem-solving skills to solve laboratory applications in environmental science.
- F. Explain and give examples of the relationship of science, technology and society.

**ASSESSMENT MEASURES:**

Laboratory examinations (midterm & final @ 100 points)

Group project (100 points)

Weekly laboratory exercises (@ 25 points)

The instructor reserves the right to administer additional unannounced quizzes as deemed necessary.

Class work points: problem solving and laboratory activities, individual and/or group projects and class participation.T