

Environmental Engineering Program Plan (Revised) For Information Literacy

Briefly describe how Information Literacy will be taught within your major program. List courses in which these skills will be embedded.

Information Literacy skills will be developed for ENVE students at a basic level with incoming students as freshmen through ENGL 110/111, in collaboration with the staff of the University Libraries. At a second basic level ENVE students may attend a series of interactive learning modules developed by the University Libraries as part of the orientation program in the First Year Experience Program.

Advanced Information Literacy skills will be embedded in the ENVE Program through the following required courses: ENVE 290W, ENVE 291W – Environmental Engineering Projects, the senior capstone design course.

Course Objectives: Working individually or in groups, students perform an engineering design of an environmental engineering project subject to specified requirements and time constraints.

Course Requirements: To achieve the design, students must determine what specific design information is required, identify appropriate technical or other archival print and electronic sources, gather the necessary information, and seek “expert” opinion from faculty or private practicing engineers. Finally, after incorporating the information to produce the design, students present the results of their completed project to their “clients,” in the form of both a written report and a public presentation, with proper citation to sources.

Evaluation: a) ENVE students will demonstrate an understanding of how information is disseminated and organized by successfully identifying all appropriate technical archival print and electronic sources needed to be employed in order to collect the necessary information to conduct their project design. b) ENVE students will demonstrate an understanding of information communication processes by utilizing the tools required to tap into these processes and by properly acknowledging information sources, following appropriate citation styles. c) ENVE students will demonstrate an ability to synthesize and incorporate information into written, oral, or multi-media presentations by presenting their designs in a public forum as both written and oral presentations.

Are all these courses required of your students? If not, how will you assure that all students attain the exit expectations for Information Literacy.

Yes, ENVE 290W/291W is a required sequence of all of our students. Satisfactory completion of this course will indicate the student has attained the exit expectations for Information Literacy.

Date of Approval by Faculty or Appropriate Faculty Committee _____

Date of Approval by School/College C&C Committee _____

Major Program contact person _____

Date Submitted to GEOC _____