



Program Assessment Report (PAR)

Earth & Environmental Sciences (EES) Associate Degree

REPORT PREPARED by: Ciampaglio, Chuck

ACADEMIC YEAR COVERED BY THIS REPORT: [AcademicYear]

I. PROGRAM LEARNING OUTCOMES

Graduate will demonstrate applied knowledge of fundamental concepts of earth and environmental sciences and solve problems applying that knowledge. Graduates will demonstrate the ability to write in scientific format and demonstrate knowledge of scientific method. Graduates will demonstrate knowledge of fundamental methods to assess applications in EES field and laboratory techniques.

II. PROCEDURES USED FOR ASSESSMENT

A. Direct Assessment

Students will complete final exams in EES 2510 and EES 2550. Instructors will choose exams at random to assess foundational knowledge. Students will prepare laboratory reports in EES 2510 and EES 2550. Instructors will choose reports at random to assess proficiency in general EES laboratory techniques. Reports will be assessed using a scientific rubric. Students will undertake a semester long portfolio project in EES 2550 producing a written and oral presentation. Instructors will assess all student portfolios and presentations.

B. Scoring of Student Work

Scoring of student work will be in house using rubrics and other methods indicated in procedures used for assessment.

C. Indirect Assessment

[IndirectAssessment]

III. ASSESSMENT RESULTS/INFORMATION:

[AssessmentResult]

[Summary]

[Analysis]

IV. ACTIONS TO IMPROVE STUDENT LEARNING

Information from assessments will be reviewed by all faculty teaching in the Environmental AS degree. We will continually monitor assessments to make sure they are still relevant as we gather artifacts from students.

V. SUPPORTING DOCUMENTS

Additional documentation, when provided, is stored in the internal Academic Program Assessment of Student Learning SharePoint site.