



Program Assessment Report (PAR)

Chemistry (CHM) Associate Degree

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ACADEMIC YEAR COVERED BY THIS REPORT: [AcademicYear]

I. PROGRAM LEARNING OUTCOMES

Graduates will demonstrate a functional knowledge of inorganic and organic chemistry. Graduates will demonstrate competency in chemistry laboratory techniques Graduate will demonstrate the ability to communicate chemical information in writing.

II. PROCEDURES USED FOR ASSESSMENT

A. Direct Assessment

Students will complete exams in CHM 1220 and CHM 2120 to measure their functional knowledge by using American Chemical Society (ACS) standardized exams in general chemistry and organic chemistry. Instructor will choose random exams to evaluate. Students will demonstrate lab competency in the chemistry laboratory in CHM 1210/1220 and CHM 2110/2120. Instructor will choose at random one laboratory assessment activity. Students will demonstrate how to clearly communicate chemical information using formal post laboratory reports. Instructor will choose laboratory reports at random.

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 Chemistry 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.