Chemistry (CHM) Associate Degree

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ACADEMIC YEAR COVERED BY THIS REPORT: 2020-2021

I. PROGRAM LEARNING OUTCOMES

* Learning Outcome 1. Graduates will demonstrate a functional knowledge of inorganic and organic chemistry.

* Learning Outcome 2. Graduates will demonstrate competency in chemistry laboratory techniques.

* Learning Outcome 3. Graduate will demonstrate the ability to communicate chemical information in writing.

II. PROCEDURES USED FOR ASSESSMENT

A. Direct Assessment


B. Scoring of Student Work

* Learning Outcome 1. No scoring of student work. Zero Chemistry (CHM) Associate Degree-seeking students in 2020-21.

Associate Degree-seeking students in 2020-21.

C. Indirect Assessment


III. ASSESSMENT RESULTS/INFORMATION:

* Learning Outcome 1. No direct or indirect assessments. Zero Chemistry (CHM) Associate Degree-seeking students in 2020-21.
* Learning Outcome 2. No direct or indirect assessments. Zero Chemistry (CHM) Associate Degree-seeking students in 2020-21.
* Learning Outcome 3. No direct or indirect assessments. Zero Chemistry (CHM) Associate Degree-seeking students in 2020-21.

No summary and analysis. Zero Chemistry (CHM) Associate Degree-seeking students in 2020-21.

[Analysis]

IV. ACTIONS TO IMPROVE STUDENT LEARNING

* Of the eight students* in CHM 2120 - Organic Chemistry II (Spring 2021):
  * 12.5% eligible for Chemistry (CHM) Associate Degree (87.5% lacked other degree requirements)
  * 87.5% matriculated into baccalaureate degree programs (62.5% - Integrated Science Studies, 25% - Chemistry, 12.5% - Biological Sciences), 12.5% stopout

* Of the 36 degree-seeking in CHM 2120 (Spring 2014 - Spring 2020), 88.9% have graduated with baccalaureate degrees, 8.3% in-progress, 2.8% stopout
* Number of Chemistry (CHM) Associate Degree graduates (5-year average) - 0.8
* Recommendation is deactivation
*Nine students total in CHM 2120. One student was not a degree-seeking student.

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