Chemistry (CHM) Associate Degree

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ACADEMIC YEAR COVERED BY THIS REPORT: 2021-2022

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 2021-22.


* Learning Outcome 3. No scoring of student work. Zero Chemistry (CHM)
Associate Degree-seeking students in 2021-22.

C. Indirect Assessment


III. ASSESSMENT RESULTS/INFORMATION:

* Learning Outcome 1. No direct or indirect assessments. Zero Chemistry (CHM) Associate Degree-seeking students in 2021-22.
* Learning Outcome 2. No direct or indirect assessments. Zero Chemistry (CHM) Associate Degree-seeking students in 2021-22.
* Learning Outcome 3. No direct or indirect assessments. Zero Chemistry (CHM) Associate Degree-seeking students in 2021-22.

No summary and analysis. Zero Chemistry (CHM) Associate Degree-seeking students in 2021-22.

[Analysis]

IV. ACTIONS TO IMPROVE STUDENT LEARNING

* Of the seven students in CHM 2120 - Organic Chemistry II (Spring 2022):
  * 28.6% eligible for Chemistry (CHM) Associate Degree (71.4% lacked other degree requirements)
  * 100% matriculated into baccalaureate degree programs (71.4% - Integrated Science Studies, 14.3% - Medical Laboratory Science, 14.3% - Public Health)

* Of the 44 degree-seeking students in CHM 2120 (Spring 2014 - Spring 2021), 79.5% have graduated with baccalaureate degrees, 15.9% in-progress, 4.6% stopout
* Number of Chemistry (CHM) Associate Degree graduates (5-year average) - 1.0
* Recommendation is deactivation.

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