ACS Assessment Tool

for Chemistry in Two-Year College Programs

Section I. Institutional Overview

Scope of assessment tool section

The following is Section I of the *ACS Assessment Tool for Chemistry in Two-Year College Programs*. The form will guide you through developing a snapshot of chemistry and/or chemistry-based technology education at your institution.

Other sections of the tool address other aspects of chemistry-based education. For a more in-depth evaluation of chemistry or chemistry-based technology education at your institution, use the complete *ACS Assessment Tool for Chemistry in Two-Year College Programs*.

***Note:*** for ease of use, the assessment tool is password-protected. If you wish to edit the form, you may unlock it using the password, “assess.”

For tips on completing the form and more information on the assessment tool, visit [www.acs.org/2YGuidelines](http://www.acs.org/2YGuidelines) or contact the ACS Undergraduate Programs Office (2YColleges@acs.org, 1-800-227-5558, ext. 6108).

I. Institutional Overview

A. Institutional snapshot

1. **Provide your institution’s mission statement**

Click here to enter text.

1. **Provide the following institutional demographics for the most recent year available, and indicate whether the numbers are increasing, decreasing, or staying the same.**

|  |  |  |
| --- | --- | --- |
|  Student Demographics | ***Year: Click here to enter text.)*** | ***Trend*** |
| Total for-credit students | Click here to enter text. | Choose an item. |
| Number of credits required for full-time status | Click here to enter text. | Choose an item. |
| Number of full-time equivalent (FTE) students[[1]](#footnote-1) | Click here to enter text. | Choose an item. |
| Completion rate | Click here to enter text. | Choose an item. |
| Percentage of students receiving federal financial assistance | Click here to enter text. | Choose an item. |
| Median age | Click here to enter text. | Choose an item. |
| Percent male | Click here to enter text. | Choose an item. |
| Percent female | Click here to enter text. | Choose an item. |
| Percent Caucasian | Click here to enter text. | Choose an item. |
| Percent African-American | Click here to enter text. | Choose an item. |
| Percent Latino | Click here to enter text. | Choose an item. |
| Percent Asian | Click here to enter text. | Choose an item. |
| Percent Native American | Click here to enter text. | Choose an item. |
| Percent other demographic (specify): Click here to enter text. | Click here to enter text. | Choose an item. |
| Percent other demographic (specify): Click here to enter text. | Click here to enter text. | Choose an item. |
| Number of dual-enrollment students[[2]](#footnote-2) | Click here to enter text. | Choose an item. |
| Number of for-credit distance learning students | Click here to enter text. | Choose an item. |

[ ]  Additional information is attached.

1. **Service area**

|  |  |
| --- | --- |
| Number of campuses that teach chemistry | Choose an item. |
| Area served | [ ]  Rural [ ]  Suburban [ ]  Urban |
| Number of four-year institutions in a 50 mile radius | Choose an item.  |
| Additional two-year colleges in a 50 mile radius | Choose an item.  |

Briefly describe the impact of mission, demographics, services area, or other factors on the chemistry-based education at the institution.

 Click here to enter text.

B. Program snapshot

1. **Provide your department’s or program’s mission statement.**

Click here to enter text.

1. **Indicate the program(s) included in this assessment. (Select all that apply.)**

|  |  |
| --- | --- |
|  | ***Degree(s) offered*** |
| Chemistry transfer | [ ]  AA [ ]  AS [ ]  AAS [ ]  Other (specify): Click here to enter text. |
| Chemistry-based technology  | [ ]  AA [ ]  AS [ ]  AAS [ ]  Other (specify): Click here to enter text. |
| Chemistry courses offered in support of the following degree programs:  | [ ]  AA in Click here to enter text.[ ]  AS in Click here to enter text.[ ]  AAS in Click here to enter text.[ ]  Other (specify): Click here to enter text. in Click here to enter text. |
| Other (specify): Click here to enter text. | [ ]  AA [ ]  AS [ ]  AAS [ ]  Other (specify): Click here to enter text. |

1. **Faculty assignments**

Enter the term and/or year for which the following information is provided: Click here to enter text.

| **Faculty member** | **Status**  | **Highest degree earned (subject area)** | **Courses taught** | **Total contact hours[[3]](#footnote-3)** | **Total student contact hours[[4]](#footnote-4)** | **Additional responsibilities** |
| --- | --- | --- | --- | --- | --- | --- |
| 1. | [ ] Full-time[ ] Part-time | Click here to enter text. | Click here to enter text. | Click here to enter text. | Click here to enter text. | Click here to enter text. |
| 2. | [ ] Full-time[ ] Part-time | Click here to enter text. | Click here to enter text. | Click here to enter text. | Click here to enter text. | Click here to enter text. |
| 3. | [ ] Full-time[ ] Part-time | Click here to enter text. | Click here to enter text. | Click here to enter text. | Click here to enter text. | Click here to enter text. |
| 4. | [ ] Full-time[ ] Part-time | Click here to enter text. | Click here to enter text. | Click here to enter text. | Click here to enter text. | Click here to enter text. |
| 5. | [ ] Full-time[ ] Part-time | Click here to enter text. | Click here to enter text. | Click here to enter text. | Click here to enter text. | Click here to enter text. |

[ ]  Additional faculty information is attached.

1. **Provide the following chemistry student demographics for the most recent year available, and indicate whether the numbers are increasing, decreasing, or staying the same.**

*If demographic information is not available for chemistry or chemistry-based technology students, skip this section.*

|  | ***Chemistry enrollment******(Year: Click here to enter text.)*** | ***Trend*** |
| --- | --- | --- |
| Total for-credit chemistry students | Click here to enter text. | Choose an item. |
| Number enrolled in chemistry or chemistry-based technology program | Click here to enter text. | Choose an item. |
| Number taking chemistry as part of other programs | Click here to enter text. | Choose an item. |
| Number who completed program | Click here to enter text. | Choose an item. |
| Percentage of students receiving federal financial assistance | Click here to enter text. | Choose an item. |
| Median age | Click here to enter text. | Choose an item. |
| Percent male | Click here to enter text. | Choose an item. |
| Percent female | Click here to enter text. | Choose an item. |
| Percent Caucasian | Click here to enter text. | Choose an item. |
| Percent African-American | Click here to enter text. | Choose an item. |
| Percent Latino | Click here to enter text. | Choose an item. |
| Percent Asian | Click here to enter text. | Choose an item. |
| Percent Native American | Click here to enter text. | Choose an item. |
| Percent other demographic (specify): Click here to enter text. | Click here to enter text. | Choose an item. |
| Percent other demographic (specify): Click here to enter text. | Click here to enter text. | Choose an item. |
| Number of dual-enrollment students[[5]](#footnote-5) | Click here to enter text. | Choose an item. |
| Number of for-credit distance learning students | Click here to enter text. | Choose an item. |

[ ]  Additional information is attached.

Provide any additional relevant information on the institution’s chemistry or chemistry-based technology mission, faculty, or students.

 Click here to enter text.

1. ***FTE students = (Total number of credit hours taken by all students)/(Number of credits required for full-time status)*** [↑](#footnote-ref-1)
2. ***Students enrolled at the college who are earning high school and college credit simultaneously*** [↑](#footnote-ref-2)
3. This is the number of hours scheduled for lecture and lab, not the number of hours determined for teaching loads. In other words:

(# hours scheduled for lecture) + (# hours scheduled for lab) = assigned contact hours

For example, a faculty member that teaches two courses. Course A has 4 hours of lecture per week, with the class split into two 3-hour lab sections. Course B consisted of 3 hours of lecture, plus one 3-hour lab section. The assigned contact hours would be:

(4 + 3 + 3) + (3 + 3) = 16 contact hours [↑](#footnote-ref-3)
4. Student contact hours = (# individual students taught) x (# hours each student spends in lab + lecture)

Continuing the example in the previous footnote, if there are 46 students in Course A and 20 students in course B), the total student contact hours would be:

[23(4 + 3)] + [23(4+3)] + [20(3+3)] = 442 [↑](#footnote-ref-4)
5. ***Students enrolled at the college who are earning high school and college credit simultaneously*** [↑](#footnote-ref-5)