ACS Assessment Tool

for Chemistry in Two-Year College Programs

Section IX. Self-Evaluation and Assessment

Scope of assessment tool section

The following is Section IX of the *ACS Assessment Tool for Chemistry in Two-Year College Programs*. The form will guide you through an assessment of the self-evaluation practices 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.”

The assessment tool is a resource developed by ACS to facilitate the assessment of chemistry education with respect to the *ACS Guidelines for Chemistry in Two-Year College Programs*. The assessment tool is designed to allow chemistry faculty and administrations to assess the achievements and areas for improvement of the chemistry-based programs and courses at their institution. Developed by two-year college chemistry faculty, it is managed by the ACS Undergraduate Programs Office with input from the Undergraduate Programs Advisory Board and the Assessment Review Panel.

IX. Self-Evaluation and Assessment

(See Section 9 of the ACS Guidelines for Chemistry in Two-Year College Programs, p. 31-32.)

1. **Are there clear, measurable, published learning outcomes for each chemistry and/or chemistry-based technology course?**

[ ]  Yes

[ ]  No

**Provide any additional comments on learning outcomes:** Click here to enter text.

1. **Is formal self-evaluation of the chemistry, chemistry-based technology, and/or science program performed on a regular basis?**

[ ]  Yes, self-evaluation is conducted every Choose an item. years.

[ ]  No

1. **For each of the following components that program are assessed, indicate often they are assessed, what tools are used, and who is involved in implementing the results.**

| Program Component | Is this assessed? | How often? | Who designs the assessment tools? (Check all that apply.) | Who sees the results? (Check all that apply.) |
| --- | --- | --- | --- | --- |
| Student learning/content mastery | [ ]  Yes[ ]  No | Choose an item. | [ ]  Instructor[ ]  Department or division[ ]  Institution[ ]  Third body external to the institution | [ ]  Instructor[ ]  Department or division[ ]  Institution[ ]  Third body external to the institution |
| ***What tools are used?*** | Click here to enter text. |
| Quality of teaching | [ ]  Yes[ ]  No | Choose an item. | [ ]  Instructor[ ]  Department or division[ ]  Institution[ ]  Third body external to the institution | [ ]  Instructor[ ]  Department or division[ ]  Institution[ ]  Third body external to the institution |
| ***What tools are used?*** | Click here to enter text. |
| Pedagogy | [ ]  Yes[ ]  No | Choose an item. | [ ]  Instructor[ ]  Department or division[ ]  Institution[ ]  Third body external to the institution | [ ]  Instructor[ ]  Department or division[ ]  Institution[ ]  Third body external to the institution |
| ***What tools are used?*** | Click here to enter text. |
| Program goals and objectives | [ ]  Yes[ ]  No | Choose an item. | [ ]  Instructor[ ]  Department or division[ ]  Institution[ ]  Third body external to the institution | [ ]  Instructor[ ]  Department or division[ ]  Institution[ ]  Third body external to the institution |
| ***What tools are used?*** | Click here to enter text. |
| Student performance at their next academic institution | [ ]  Yes[ ]  No | Choose an item. | [ ]  Instructor[ ]  Department or division[ ]  Institution[ ]  Third body external to the institution | [ ]  Instructor[ ]  Department or division[ ]  Institution[ ]  Third body external to the institution |
| ***What tools are used?*** | Click here to enter text. |
| Other (specify): Click here to enter text. | [ ]  Yes[ ]  No | Choose an item. | [ ]  Instructor[ ]  Department or division[ ]  Institution[ ]  Third body external to the institution | [ ]  Instructor[ ]  Department or division[ ]  Institution[ ]  Third body external to the institution |
| ***What tools are used?*** | Click here to enter text. |

1. **Describe the mechanisms in place for using assessment results to improve the program.**

Click here to enter text.

***Provide any additional comments on institutional assessment of chemistry education.***

Click here to enter text.