

<i>Subject Area Committee Name:</i> Geology & General Science	
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Lower Division Collegiate (LDC) SACs have a collective responsibility for the development of students for the transfer and general education degrees (AAOT, AS, ASOT and AGS). These degrees have the college's [Core Outcomes](#) as their basis.

LDC SACs are encouraged to think broadly about how content in their discipline reflects the Core Outcomes. Whenever possible, each SAC should substantially address and assess all six of the Core Outcomes in at least one of their courses. If in the careful professional judgment of the faculty all of the Core Outcomes are not relevant to that SAC's academic mission, the SAC may choose to address and assess only four of the six Core Outcomes.

The standard approach to Core Outcome assessment at PCC is "assess - address – reassess." While SACs are free – and encouraged - to assess the Core Outcomes in ways that make sense to them, this basic assessment model should followed:

1. identify an area of concern regarding the student attainment of a specific aspect of a Core Outcome as it is reflected in your discipline
2. assess that area of concern
3. address your findings (if called-for)
4. reassess the Core Outcome using the same or similar assessment method/process when appropriate

The last step is central to the improvement model. Whatever model you use, Always ask: did our response help?

A SAC is expected to assess (or reassess) at least two outcomes per year. If all six outcomes are assessed, the cycle should be complete within six years (note that SACs who assess fewer outcomes will have a shorter cycle). However, some flexibility in the 'two per year/all six within six years' is allowed. For instance, a SAC may choose might choose to 'assess-address-reassess' a single core outcome within a calendar year: essentially conducting two similar assessment projects on the same outcome in the same year.

Some SACs may need more time to communicate and coordinate changes resulting from assessment. In these cases, a three-year time-frame for the “assess-address-reassess” process may be called-for. Check the Help Guide and your LAC coach for details.

PCC Core Outcomes

- | | |
|--|---------------------------------------|
| Communication (C) | Cultural Awareness (CA) |
| Community and Environmental Responsibility (C&ER) | Professional Competence (PC) |
| Critical Thinking and Problem Solving (CT&PS) | Self Reflection (SR) |

*Multi-Year Assessment Plan**

Use the abbreviations above to fill-in the table below.

	<i>2013-2014</i>	<i>2014-2015</i>	<i>2015-2016</i>	<i>2016-2017</i>	<i>2017-2018</i>	<i>2018-2019</i>
<i>Assess</i>	C/C&ER/CT&PS/ PC	C/C&ER/CT&PS/ PC	C/C&ER/CT&PS/ PC	C/C&ER/CT&PS/ PC	C/C&ER/CT&PS/ PC	C/C&ER/CT&PS/ PC
<i>Reassesses</i>	C/PC	C/C&ER/CT&PS/ PC	C/C&ER/CT&PS/ PC	C/C&ER/CT&PS/ PC	C/C&ER/CT&PS/ PC	C/C&ER/CT&PS/ PC

*Using the standard model, SACs assess two core outcomes each year while cycling through all of the relevant Core Outcomes. Use the assess – address – reassess model whenever that model coincides with your SACs considered judgment.

Comments (Optional)

The G-GS SAC decided to "own" four PCC core outcomes (C/C&ER/CT&PS/PC), and to assess all four outcomes each year, beginning with a small subset of our courses (GS-106, G-201, G-207, & G-208), and expanding to a larger number of courses each year. Our current assessment model involves a pre-test and a post-test that students take in Survey Monkey at both the beginning and end of Winter term. The data collected will be entered into Excel, analyzed, and used to assist us in evaluating how effected our strategies are at reaching the PCC core outcomes, as well as course outcomes. We can utilize the data to enhance instruction within

our SAC. Gradually, the SAC would like to incorporate six additional courses (GS-107, GS-108, GS-109, G-202, G-203, & G-209), so that we assess the majority of our courses. We are debating whether or not to add material assessing Self Reflection on future assessments.