

**I. Program Description**

A. What is the primary mission of your program (check all that apply):

- |                                     |                  |                          |                                     |
|-------------------------------------|------------------|--------------------------|-------------------------------------|
| <input type="checkbox"/>            | Basic Skills     | <input type="checkbox"/> | Cultural and Personal Enrichment    |
| <input checked="" type="checkbox"/> | Transfer         | <input type="checkbox"/> | Academic Support/Learning Resources |
| <input type="checkbox"/>            | Career/Technical |                          |                                     |

B. Program Description

If applicable, note the number of certificates and degrees that have been awarded in the previous academic year.

<http://www.research.fhda.edu/factbook/deanzadegrees/dadivisions.htm>

CTE programs refer CTE Program Review Addenda reports [www.deanza.edu/gov/IPBT/resources.html](http://www.deanza.edu/gov/IPBT/resources.html)

- 1  # of Certificates of Achievement  
 # of Certificates of Achievement-Advanced  
 # of AA, AS Degrees
- 2 If the program serves staff or students in a capacity *other than traditional instruction*, e.g. tutorial support, please answer the following two questions. Otherwise, skip to section II below:
- a. How many people are served?
- |                          |               |                          |            |
|--------------------------|---------------|--------------------------|------------|
| <input type="checkbox"/> | # of Students | <input type="checkbox"/> | # of Staff |
| <input type="checkbox"/> | # of Faculty  |                          |            |
- b. Number of employees associated with the program?
- |                          |               |                          |                        |
|--------------------------|---------------|--------------------------|------------------------|
| <input type="checkbox"/> | # of Students | <input type="checkbox"/> | # of Faculty           |
| <input type="checkbox"/> | # of Staff    | <input type="checkbox"/> | # of Part-Time Faculty |

**II. Methods of Evaluation and Assessment**

A. Attach the "Program Review Data Sheet". Briefly, address student success data relative to your program by answering the items listed below (refer to the link):

- 1 Growth or decline in underrepresented populations (Latina/o, African Ancestry, Pacific Islander, Filipino)

Explanation: Updated data have not yet been provided by the College beyond academic year 2007-2008, as of 4/22/2011 (see the URL listed above). The Department will update this section of the APRU when the data for 2008-2009 and 2009-2010 become available.

- 2 Trends related to closing the student equity gap relative to college's stated goals: (refer to <http://www.deanza.edu/president/EducationalMasterPlan2010-2015Final.pdf>, p16)

Explanation: Updated data have not yet been provided by the College beyond academic year 2007-2008, as of 4/22/2011 (see the URL listed above). The Department will update this section of the APRU when the data for 2008-2009 and 2009-2010 become available.

- 3 What progress or achievement has the program made relative to the plans stated in the 2008 Comprehensive Program Review, Section III.B, towards decreasing the student equity gap? See:

[http://www.deanza.edu/gov/IPBT/program\\_review\\_files.html](http://www.deanza.edu/gov/IPBT/program_review_files.html), "Program Review Reports, 2009"

Explanation:	Updated data have not yet been provided by the College beyond academic year 2007-2008, as of 4/22/2011 (see the URL listed above). The Department will update this section of the APRU when the data for 2008-2009 and 2009-2010 become available.
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4 Overall enrollment growth or decline of all student populations

Explanation:	Updated data have not yet been provided by the College beyond academic year 2007-2008, as of 4/22/2011 (see the URL listed above). The Department will update this section of the APRU when the data for 2008-2009 and 2009-2010 become available.
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- B. Did your program implement any curriculum, program reorganization, etc. changes as a response to changes in College/District policy, state laws, division/department/program level requirements or external agencies regulations? How did the change(s) affect your program?

Change:	The program expanded from 1 full-time faculty member to 2 full-time faculty members and added a lecture/discussion course in Oceanography (Geology 20)
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Explanation:	Program consolidation with Foothill College
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- C. Based on the 2008-09 Comprehensive Program Review, Section I.C., "Main Areas of Improvement", briefly address your program's progress in moving towards assessment or planning or current implementation of effective solutions.

See: [http://www.deanza.edu/gov/IPBT/program\\_review\\_files.html](http://www.deanza.edu/gov/IPBT/program_review_files.html), "Program Review Reports, 2009"

Explanation:	Courses in the Earth Sciences have been identified by the National Science Foundation as "gateways" for nontraditional students into majors in the areas of science, technology, engineering, and math. To assist in this critical role the Geology Department has expanded its course offerings to include a lecture/discussion course in Oceanography, augmenting it existing offering of a lecture/laboratory course in Introductory Geology.
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- D. Career Technical Education (CTE) programs, provide regional, state, and labor market data, employment statistics; please see "CTE Program Review Addenda" at:

[www.deanza.edu/gov/IPBT/resources.html](http://www.deanza.edu/gov/IPBT/resources.html)

Identify any significant trends that may affect your program relative to:

- 1 Curriculum content,
- 2 Future plans for your program e.g. enrollment management plans.

<input type="checkbox"/>	No significant change
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Impact:	
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Explanation:	
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- E. *Career Technical Education* (CTE), provide recommendations from this year's Advisory Board (or other groups outside of your program, etc.). Briefly, address any significant recommendations from the group. Describe your program's progress in moving towards assessment or planning or current implementation of effective solutions.

<input type="checkbox"/>	No significant change
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Impact:	
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Explanation:	
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III Select IIIA or IIIB below:

Note instructions and materials for this section can be found at: [https:// www.deanza.edu/slo](https://www.deanza.edu/slo)

A. For programs whose primarily align to the Institutional Core Competencies, ICCs: attach the 2010-11 "Mapping Program Level Outcomes to Institutional Core Competencies" sheet(s) and "Program Level Outcomes Assessment Plan" sheet(s)

1 Describe the processes by which your program members have or will assess program level outcomes: (check those that apply)

course-embedded  surveys

Other, describe here:

2 Review the ECMS-SLO Summary Report or SSLO Summary Report (*Division Deans shall be sent that report*). What percentage of courses that should undergo a SLOAC process are:

NA  complete  in progress  100 scheduled to be assessed

3 Below, briefly describe the level of engagement by your program staff and faculty with the outcomes assessment process (SLOAC, SSLOAC) since last

The consolidation of the Geology programs occurred during the initial SLOAC/PLOAC planning process. As a result, the Geology faculty have spent the last year reassessing and augmenting the assessment plan, by taking advantage of the opportunity to incorporate fresh perspectives and additional person-years of teaching experience. We have re-examined and re-tooled the SLOs for Geology 10 and 20, so as to maximize their effectiveness. Both of the full-time faculty in the Geology program participated in the April 2011 PLOAC Convocation, and used that opportunity to: a) Finish revising SLOs for Geology 10 and 20, b) Write Program Learning Outcomes for Geology 10 and 20, c) map these outcomes to De Anza's ICCs, and d) Make an Assessment Plan for the Geology program.

4 What program enhancements are you implementing as a result of the program level assessment process? Describe enhancements that do not require additional resources below:

summarize result:	Given our timeline for SLO and PLO assessment, we anticipate planning program enhancements as assessment data become available.	plan/enhancement:	
summarize result:		plan/enhancement:	

B. For programs whose PLOs primarily align to the Strategic Initiatives: Attach the 2010-11 "Mapping Program Level Outcomes to Strategic Initiatives" sheet(s) and "Program Level Outcomes Assessment Plan" sheet(s):

1 Describe the processes by which your program members have or will assess program level outcomes: (check those that apply)

course-embedded  surveys

Other, describe here:

2 Review the ECMS-SLO Summary Report or SSLO Summary Report (*Division Deans shall be sent that report*). What percentage of courses that should undergo a SLOAC process are:

NA  complete  in progress  scheduled to be assessed

3 Below, briefly describe the level of engagement by your program staff and faculty with the outcomes assessment process (SLOAC, SSLOAC) since last

4 What program enhancements are you implementing as a result of the program level assessment process? Describe enhancements that do not require additional resources below:

summarize result:		plan/enhancement:	
summarize result:		plan/enhancement:	

**Department Summary**

IV. Attach 2008-09 Comprehensive Program Review Budget Data Form. Add a column of data that lists the amounts allocated for the 2010-11 academic year.

See: [http://www.deanza.edu/gov/IPBT/program\\_review\\_files.html](http://www.deanza.edu/gov/IPBT/program_review_files.html), "Program Review Reports, 2009"

V. Resource requests include: staff, faculty, materials, "B" Budget, faculty refresh, Measure C equipment

A. Please submit up to three **faculty and/or staff** requests below in ranked order: (copy this section as needed)

<input type="checkbox"/> Rank	<input type="checkbox"/> Replace	<input type="checkbox"/> Growth
Position:		
Department:	Contact person	extension

1 Briefly state below how this person will enhance or maintain the status quo of your program plan to improve student learning relative to the campus Mission, Institutional Core Competencies, or Program goals/plans below:

Statement: \_\_\_\_\_

2 Highlight FTE, PT/FTE ratios, and WSCH that support your request below:

\_\_\_\_\_

3 If applicable, discuss PLOAC assessment results that support the program need for this resource below:

\_\_\_\_\_

4 Please note: It is an expectation that all resources that are allocated 2 or more years prior to the next Comprehensive Program Review (2013-14) will be assessed relative to their contribution to the program, its course or program level outcomes and its program review criteria. In this light, briefly state some of the criteria you may use to assess the effect of this additional staff/faculty position to your program below:

\_\_\_\_\_

B. As applicable, list your requests for:

**Materials, "B" Budget, faculty refresh, Measure C equipment**

refer to: [http://www.deanza.edu/gov/techtaskforce/pdf/Measure%20C\\_Prioritization\\_Processes\\_ClgeCnclApproved6\\_10\\_10.pdf](http://www.deanza.edu/gov/techtaskforce/pdf/Measure%20C_Prioritization_Processes_ClgeCnclApproved6_10_10.pdf)

Please submit materials, "B" Budget, faculty refresh, Measure C equipment, requests below in ranked order: (copy this section as needed.) List 3 here, keep a prioritized list of all items on hand.

<input checked="" type="checkbox"/> Rank	<input type="checkbox"/> Replace	<input type="checkbox"/> Growth
Item Description:	Item 1: Machine for laminating maps, with laminating film; Item 2: Student petrographic microscopes and thin sections; Item 3: Geowall 3-D projection system for Geology laboratory	
Cost Estimate:	Item 1: \$7000, Item 2: \$16,000, Item 3: \$10,000	
Contact person:	Marek Cichanski	extension x8664

1 Briefly state below how this resource will enhance or maintain the status quo of your program plan to improve student learning relative to the campus Mission, Institutional Core Competencies, or Program goals/plans below:

The Geology Department has been seeking support in recent years to improve instructional quality through the addition of targeted technologies and curriculum materials. Best practices, in geoscience education, have pointed to the benefits of hands-on inquiry-based instruction. These approaches are the centerpiece to our laboratory instruction in Geology 10 and in the discussion/activity inclusion our Geology 20 class. Appropriate technology and materials enhance this approach and the department is seeking to upgrade and expand our existing equipment and materials.

2 Highlight FTE, PT/FTE ratios and WSCH that support your request below:

The use of targeted instructional technology and curriculum materials will allow us to maintain high productivity (624) while providing transfer education to 3930 WSCH.

3 If applicable, discuss PLOAC outcome assessment results that support the program need for this resource below:

4 Please note: It is an expectation that all resource that are allocated 2 or more years prior to the next comprehensive program review (2013-14) will be assessed relative to their contribution to the program, its course or program level outcomes and its program review criteria. In this light, briefly state some of the criteria you may use to assess the effect of this additional resource to your program below:

Criteria: The department will use embedded assessment of student learning outcomes to evaluate how effective these resources have been in facilitating student success in traditionally challenging areas such as the evaluation of earth materials and three-dimensional visualization.

**Dean's Summary**

**VI. Resource Requests include: staff, faculty, materials, "B" Budget, facility refresh, Measure C equipment**

A. Please submit up to three **faculty and/or staff** requests below in ranked order: (copy this section as needed)

<input type="checkbox"/> Rank	<input type="checkbox"/> Replace	<input type="checkbox"/> Growth
Position:		
Department:		
Contact person:		extension

1 In addition to the Department's rationale and from a dean's perspective, briefly state how this person will enhance or maintain the status quo of your program plan to improve student learning relative to the campus Mission, Institutional Core Competencies, or Program goals/plans below:

2 Address FTE, PT/FTE ratios and WSCH that support your request below:

3 In light of the department's statements about assessment results, describe any additional need or service to the College this person may bring to the Division below:

4 It is an expectation that resource allocations (awarded 2 or more years prior to the next Comprehensive Program Review) will be assessed relative to their contributions to the program, its course or program level outcomes and its program review criteria. In this light, briefly state some of the criteria you, as the Dean, may use to assess the effect of this additional staff/faculty position to your program below:

Criteria:

B. As applicable, list your requests for:

**Materials, "B" Budget, faculty refresh, Measure C equipment**

refer to: [http://www.deanza.edu/gov/techtaskforce/pdf/Measure%20C\\_Prioritization\\_Processes\\_ClgeCnclApproved6\\_10\\_10.pdf](http://www.deanza.edu/gov/techtaskforce/pdf/Measure%20C_Prioritization_Processes_ClgeCnclApproved6_10_10.pdf)

Please submit materials, "B" Budget, faculty refresh, Measure C equipment, requests below in ranked order: (copy this section as needed.) List 3 here, keep a prioritized list of all items on hand.

Rank	Replace	Growth
Item Description:		
Cost Estimate:		
Contact person:		extension:

1 From a Dean's perspective, are there additional factors to add to the Department's rationale for this resource request? How will the addition of this resource enhance or maintain the status quo of this program's plan to improve student learning relative to the campus Mission, Institutional Core Competencies, or Program Goals? Use the following three sections below to state:

Rational here:

2 Highlight FTE, PR/FTE ratios and WSCH that support the request below:

3 If applicable, discuss PLOAC outcome assessment results that support the program need for this resource below:

4 Please note: It is an expectation that all resources that are allocated (awarded 2 or more years prior to the next Comprehensive Program Review) will be assessed relative to their contributions to the program, its course or program level outcomes and its program review criteria. In this light, briefly state some of the criteria you, as a Dean, may use to assess the effect of this additional staff/faculty position to your program below: