

**I. Program Description**

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

- Basic Skills
- Transfer
- Career/Technical
- Cultural and Personal Enrichment
- Academic Support/Learning Resources

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?
    - # of Students
    - # of Faculty
    - # of Staff
  - b. Number of employees associated with the program?
    - # of Students
    - # of Faculty
    - # of Staff
    - # 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):

[http://research.fhda.edu/programreview/DAProgramReview/DeAnza\\_PR\\_Div\\_pdf/DeAnzaProgramReviewDiv.htm](http://research.fhda.edu/programreview/DAProgramReview/DeAnza_PR_Div_pdf/DeAnzaProgramReviewDiv.htm)

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

Explanation: The Physics Department Latina/o population increased from 70 in 2007-08 to 121 in 2009-10. However, the Latina/o percent of the total population remained at nearly 6%. The Black population increased from 19 in 2007-08 to 21 in 2009-10, but remained at 1%. The Pacific Islander population increased from 2007-08 to 2009-10, but remained at nearly 0%. The Filipino population increased from 45 to 63 for an increase from 3% to 6%.

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: In 2007-08, the combined Latina/o, Black and Filipino overall success rate was 57% overall, and 59%, 58%, and 53%, respectively. The overall department success rate was 71%. The 2009-10 overall success rate was 68%. The Black and Filipino success rates decreased to 52% and 52%, respectively. However, with the surge in the Other/Unrecorded groups, it is impossible to tell if the decreases are significant or not.

- 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:	The Engineering Club has been ongoing with out physics technician as an advisor. A Physics Club has also been established in the beginning of 10-11 academic year. Both of these clubs are targeted towards decreasing the student equity gap by encouraging participation and active involvement in these clubs. Participation in the clubs will help attract and retain targeted students in physics as well as to encourage success in physics classes.
--------------	--

- 4 Overall enrollment growth or decline of all student populations

Explanation:	Overall, the Physics Dept enrollment grew by 33% and WSCH grew by 35%. Certainly, if the department had more facilities and instructors, it could continue to grow as several courses still have considerable wait lists.
--------------	---

- 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 tutoring support used to be in the Language Arts Division. It is now part of the Learning Resources Division.
---------	---

Explanation:	The college reorganization is the reason for the dept tutoring structure change.
--------------	--

- 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:	We have reduced the class sizes from 90 students to 60 students starting in the 10-11 school year. This should improve student retention and success. We have also replaced our 3rd full-time physics position. However, approximately 50% of the classes are still being taught by part-time instructors and thus a 4th full-time position can be justified.
--------------	---

- 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.

No significant change
-----------------------

Impact:	
---------	--

Explanation:	
--------------	--

- 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.

No significant change
-----------------------

Impact:	
---------	--

Explanation:	
--------------	--

**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  40 complete  in progress  60 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 year?

Full-time faculty worked in groups to develop and assess the SLOs for each course at the beginning of the 10-11 school year. Faculty have met discussed the implementation and accessment of the SLOs throughout the year.

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:	50% of our	plan/enhancement:	none - no enhancements planned
-------------------	------------	-------------------	--------------------------------

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 year?

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 checked="" type="checkbox"/> Rank	<input type="checkbox"/> Replace	<input checked="" type="checkbox"/> Growth
Position:	Full-Time Faculty	
Department:	Physics	Contact person Eduardo Luna extension 8666

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: Obtaining a new faculty member in the Physics Department will most certainly improve the quality of education that our students obtain in Physics at De Anza College. Currently, our department is 51% full-time (50% of the classes are taught by part-time instructors). Increasing this percentage will benefit our students in different ways. A full-time faculty member will generally grow professionally and educationally, and this in return will be reflected in the quality of education that our students receive.

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

Currently, our department is 51% full-time (50% of the classes are taught by part-time instructors). The productivity was 728 for 2009/2010 year as compared with chemistry, engineering, and math with productivities of 518, 533, and 564 respectively.

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:

Student success rates, office hour availability, dept work needs met.

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 checked="" type="checkbox"/> Replace	<input checked="" type="checkbox"/> Growth
--	---	--

Item Description:	Obtaining new and modern equipment in all laboratory classes is essential for the continued operation of the physics laboratoty program. Obtaining and implementing computerized data acquisition equipment is also requested. Many of our equipment needs to be replaced due to failure, use, outdated, Purchase gamma ray detection system and atomic force microscope which will allow curriculum to reflect more modern energy and environmental concerns and interests and can be shared with geology and chemistry departments to provide a more integrated science education		
Cost Estimate:	\$191,007		
Contact person:	Jerry Rosenberg, Dean	extension	8669

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:

Up-to-date, modern equipment and instrumentation is ideal for the hands-on experience that our physics students need in order to prepare them for science, engineering, and technology careers.

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

Much of our lab equipment is outdated and many of it is not operating properly due to failure, use, .... Have more modern, properly working equipment will certainly provide the hands-on experience and knowledge that our students need to prepare them for their future careers .

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: Increased success rate, including closing of the ethnicity gaps.

### 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:

[Redacted]

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:

[Redacted]

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: [Redacted]

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:
			[Redacted]	[Redacted]	[Redacted]	[Redacted]

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: [Redacted]

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

[Redacted]

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

[Redacted]

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:

[Redacted]