

IPBT Annual Program Review Update

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 checked="" type="checkbox"/> | Career/Technical | | |

B. Program Description

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

[Http://research.fhda.edu/factbook/deanzadegrees/dadivisions.htm](http://research.fhda.edu/factbook/deanzadegrees/dadivisions.htm)

CTE programs refer to CTE Program Review Addenda Reports: www.deanza.edu/gov/IPBT/resources.html

- | | |
|--------------------------------|---------------------------------------|
| <input type="text" value="8"/> | # Certificates of Achievement |
| <input type="text" value="2"/> | # Certificate of Achievement-Advanced |
| <input type="text" value="5"/> | # AS, AA 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="text" value="n/a"/> | # Students | <input type="text" value="n/a"/> | # Staff |
| <input type="text" value="n/a"/> | # Faculty | | |

b. Number of employees associated with the program?

- | | | | |
|----------------------------------|------------|----------------------------------|---------------------|
| <input type="text" value="n/a"/> | # Students | <input type="text" value="n/a"/> | # Faculty |
| <input type="text" value="n/a"/> | # Staff | <input type="text" value="n/a"/> | # 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): www.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:	Explanation: Number of students increased 2007-2010: Hispanic students from 74 to 159 increase; Black students from 19 to 31 increase; Filipino students from 46 to 60 increase. Pacific Islanders increased from 7 to 10.
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2 Trends related to closing the student equity gap relative to the college's stated goals, refer to

<http://www.deanza.edu/president/EducationalMasterPlan2010-2015Final.pdf>, p.16

Explanation:	Please see attached: De Anza College Program Review CDI- success rates targeted groups.pdf
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3 What progress or achievement has the program made relative to the plans stated in the 2008 -09 Comprehensive Program Review, Section III.B, towards decreasing the student equity gap?

see: www.deanza.edu/gov/IPBT/program_review_files.html, "Program Review Reports, 2009"

Explanation:	
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4 Overall enrollment growth or decline of all student populations

Explanation:	Enrollment/Grades (2007-2009) 1,009 1,221 1,551
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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:	no
Explanation:	n/a

C. Based on the 2008-09 Comprehensive Program Review, Section I.C. "Main Areas for Improvement", briefly address your program's progress in moving towards assessment or planning or current implementation of effective solutions.

see: www.deanza.edu/gov/IPBT/program_review_files.html, "Program Review Reports, 2009"

Explanation:	n/a
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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

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 checked="" type="checkbox"/>	No significant changes
Impact:	Please see attached student and company surveys
Explanation:	Employment opportunities for De Anza Computer Aided Design certificate and degree program graduates exist in research and design firms and manufacturing companies throughout the South Bay region. According to the California Employment Development Department's Labor Market Information data for the San Jose-Sunnyvale-Santa Clara MSA, there are projected to be 320 annual openings for drafters and engineering technicians over the period 2006-2016. In addition to replacement positions, this occupational category is expected to create for new positions, with industrial engineering technicians projected to have the strongest growth at 14%. The California-wide employment projections for the period 2008-2018 anticipate 2,190 annual openings, with industrial engineering technicians showing the strongest growth among related occupations at 14% annually.

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 checked="" type="checkbox"/>	No significant changes
Impact:	As new CAD systems are implemented by local industry CDI responds with the appropriate offering as the need for new employees with those skills rises to a level of need consistent with our facility abilities.

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Explanation:	De Anza College's Computer Aided Design (CAD) program has three primary missions. The first is to prepare individuals to seek entry-level employment as an engineering technicians or drafter. The CAD program provides quality instruction in the engineering design software applications that are being used by industry; including AutoCAD, SolidWorks, and ProENGINEER. In addition to serving entry-level students, the CAD program also provides ongoing, professional development for practicing technicians and engineers with software updates and in-depth instruction engineering design applications being utilized by area manufacturing industries: Unigraphics, CATIA, AutoDesk Inventor, and project lifecycle management software. Lastly, the CAD program serves many displaced worker who are pursuing training and preparing to re-enter the workforce. The CAD coursework enhances their transferable skills in industrial technology, manufacturing machining, and problem solving. De Anza's CAD faculty maintain strong contacts with regional industry partners and software developers. The program curriculum stays current with the latest trends which informs new course development and program improvement. Based on input from industry representatives, faculty have developed new offerings in project lifecycle management and the civil engineering and architecture applications of AutoCAD and AutoDesk REVIT. CAD faculty are also working to On-line versions of a number popular course offerings in order to increase accessibility to a broader student population.
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III. Select IIIA or IIIB below:

Note instructions and materials for these sections can be found at: <https://www.deanza.edu/slo>

- A. For programs whose PLOs 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 Outcome 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: On line surveys through course management system (all classes use Catalyst)

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 60 complete 12 in progress 28 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?

All faculty have submitted their detailed reports and assessments as requested.

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 results:	none required	Plan/Enhancement:	none planned
summarize results:	none required	Plan/Enhancement:	none planned

- 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)

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X	course-embedded	X	surveys
Other, describe here:		On line surveys through course management system (all classes use Catalyst)	

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	13	complete	2	in progress	11	to be assessed
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3 Below, briefly describe the level of engagement by your program staff and faculty with the outcomes assessment process (SLOAC, SSLOAC) since last year?

All instructors with the assistance of the program chair participated in the collection and analysis of the survey data and gathered file logs from class Catalyst data.
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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 results:	No changes	Plan/Enhancement:	Reduce the total number of CDI course offerings by 30% and concentrate on our core student training needs.
summarize results:		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: www.deanza.edu/gov/IPBT/program_review_files.html, "Program Review Reports 2008-09"

V. 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)

n/a	Rank	n/a	replacement	n/a	growth
Position:		no requests			
Department :		n/a	Contact Person, ext.	n/a	

1 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:

n/a

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

n/a

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

n/a

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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:

n/a

B. As applicable, list your requests for:

Materials, "B" Budget, facility refresh, Measure C equipment Refer to:

www.deanza.edu/gov/techtaskforce/pdf/Measure%20C_Prioritization_Processes_ClgeCnclApproved6_10_10.pdf

Please submit materials, "B" Budget, facility 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.

1	Rank	X	replacement		growth
Item Description:		Dell Precision T7500 64-Bit Quad Core 3.10 Ghz Xeon Processor Engineering Workstation, 8 GB RAM with 2.0GB ATI FirePro V7800 graphics card. This minimum spec may change due to current market variations and depending on date of actual order. Qty. 72			
Cost Estimate :		200,000 - 300,000		Contact Person, ext.	Gary Lamit and Max Gilleland

1 Briefly state 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 computers are periodically required to allow adequate functioning of the sophisticated CAD software the department uses.

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

Please see attached "De Anza College Program Review CDI- success rates targeted groups.pdf" Current engineering workstations nearing end of life "Summer 2012" and are no longer supported by manufacturer as of 2009. Due to technology changes in engineering software trends current workstations will not be suitable for optimum learning environment. Some CAD software will cease to function in less than two years under current hardware conditions.

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

n/a

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 resource upon your program below:

In general computers need to be updated- replaced every 3-5 years because of the software requirements of the CAD program.

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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"/> replacement	<input type="checkbox"/> growth
Position:		
Department :	Contact Person, ext.	

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:

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

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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:

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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:

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B. As applicable, list your requests for:

Materials, "B" Budget, facility refresh, Measure C equipment Refer to:

http://www.deanza.edu/gov/techtaskforce/pdf/Measure%20C_Prioritization_Processes_ClgeCnclApproved6_10_10.pdf

Please submit **materials, "B" Budget, facility refresh, Measure C equipment**, requests below in ranked order: (copy this section as needed)

List 3 here, keep a prioritized list all items on hand.

<input type="checkbox"/> Rank	<input type="checkbox"/> replacement	<input type="checkbox"/> growth
Item Description:		
Cost Estimate :	Contact Person, ext.	

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:

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- 1 Additional factors:
- 2 Highlight FTE, PT/FTE ratios and WSCH that support the request below:
- 3 If applicable, discuss PLOAC assessment results that support the program need for this resource 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: