	Engineering
I.	Program Description
	A. What is the primary mission of your program? (check all that apply)
	Basic Skills Cultural and Personal Enrichment
	Transfer Academic Support/Learning Resources
	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 (CTE programs also refer to the CTE Program Review Addenda report at: www.deanza.edu/gov/IPBT/resources.html; it will be posted by 3/14/11.)
	# Certificates of Achievement
	# Certificate of Achievement-
	1 # AS, AA Degrees
	2 If the program serves staff or students in a capacity <i>other than traditional instruction</i> , e.g. tutorial support, please answer the following tw questions. Otherwise, skip to section II below.
	a. How many people are served?
	# Students # Staff
	# Faculty
	b. Number of employees associated with the program?
	# Students # Faculty # Staff # Part-Time Faculty
	π Stail π I al t-1 line ractify
II.	Methods of Evaluation and Assessment
	A. Attach the "Program Review Data Sheet" (refer to: http://research.fhda.edu/programreview/programreview.htm). Briefly, address student
	success data relative to your program by answering the items listed below:
	1 Growth or decline in underrepresented populations (Latina/o, African Ancestry, Pacific Islander, Filipino)
	Explanation: No significant change, slight growth
	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: Tutorial services
	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?

Explanation: Outreach activities,

4 Overall enrollment growth or decline of all student populations

Explanation: No change

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 changes.
Explanation:	All courses are transferable and as such governed by the articulation agreement with the various institutions we
	serve.

C. Based on the 2008 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.

Explanation:	The number of in-class tests has been increased to assess student understanding of material presented every 2-
	weeks.

D. Career Technical Education (CTE) programs, provide regional, state, and labor market data, employment statistics, please see: www.deanza.edu/gov/IPBT/resources.html, "CTE Program Review Addenda", (will be available after 3/13/11).

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 changes					
	Impact:	Student math preparation is a serious problem for student success			
Ī	Explanation:	Have "Intermediate Algebra" as minimum prerequisite for the Intro to Engineering class.			

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 chan	nges
Impact:	
Explanation:	

- III. Select IIIA or IIIB below: (Note instructions and materials for this section will be given at the March 11th and 16th workshops, see www.deanza.edu/slo "Closing the loop..." Contact SLO Coordinators: Mary Pape or Tono Ramirez for more information.
 - A. For programs whose PLOs primarily align to the ICCs: Attach the 2010-11 "PLO to ICC Matching" sheet(s) and "PLO Assessment Planning Calendar" 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
01	ther, describe here:	Τe	ests, Quizzes, Reports, Homework

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	1	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?							
	Since last year:							
	4 What program enhan	rements are vou	implementing as a result of the n	rogram level assessment process? Describe enhancements that do				
	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: Plan/Enhancement: More tests								
	summarize results:		Plan/Enhancement:					
B.				the 2010-11 "PLO to Strategic Initiative Matching" sheet(s) and				
	"PLO Assessment Planning	ng Calendar" shee	et(s)					
	1 Describe the processe	es by which your	program members have or will as	sess program level outcomes: (check those that apply)				
	course-embedded	surveys						
	Other, describe here:							
		, ,	, i	ion Deans shall be sent that report) What percentage of courses				
	that should undergo a	SLOAC process a	are:					
	NA	complete	in progress	70 to be assessed				
		e the level of eng	agement by your program staff an	d faculty with the outcomes assessment process (SLOAC, SSLOAC)				
	since last year?							
	Very High							
	4 What program enhan not require additiona			rogram level assessment process? Describe enhancements that do				
	summarize results:		Plan/Enhancement:					
	summarize results:		Plan/Enhancement:					
Depar	tment Summary							
IV. Att	ach 2008 Comprehensiv	e Program Rev	iew Budget Data Form. Add a co	olumn of data that lists the amounts allocated for the 2010-11				
	ndemic year.							
V. Res	source Requests include	e: staff, faculty,	materials, "B" Budget, facility r	efresh, Measure C equipment				
A.	A. Please submit up to three faculty and/or staff requests below in ranked order: (copy this section as needed)							
	1 Rank	replacement	growth					
	Position:							
	Department :		Contact Person, ext.					
	1 Briefly state how this	person will enha	nce 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 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:							
	. 51						
4 Please note: It is an expectation that all resources that are allocated 2 or more years prior to the next comprehensive program (2013-14) will be assessed relative to their contribution to the program, its course or program level outcomes and its program criteria. In this light, briefly state some of the criteria you may use to assess the effect of this additional staff/faculty position to program below:							
D A	as applicable, list your re	equests for					
		•					
		facility refresh, Measure C equipment Refer to: taskforce/pdf/Measure%20C_Prioritization_Processes_ClgeCnclApproved6_10_10.pdf					
		"B" Budget, facility refresh, Measure C equipment, requests below in ranked order: (copy this section as needed). List list of all items on hand.					
J	Rank	replacement growth					
	Item Description:	Project kits; solar energy & robotics- increase student engagement & outreach					
	Cost Estimate :	50K Contact Person, ext. 8574					
		resource will enhance or maintain the status quo of your program plan to improve student learning relative to the					
		itutional Core Competencies, or Program goals/plans below:					
	Will give students in	the Intro to engineering and Circuit Analysis classes a hands-on experience.					
		E ratios and WSCH that support your request below:					
	ggv 2, 1 . 7, 1						
	3 If applicable, discuss	PLOAC assessment results that support the program need for this resource below:					
	(2013-14) will be ass	expectation that all resources that are allocated 2 or more years prior to the next comprehensive program review sessed relative to their contribution to the program, its course or program level outcomes and its program review briefly state some of the criteria you may use to assess the effect of this additional resource upon your program below:					
Dean's	Summary						
VI. Reso	ource Requests include	e: staff, faculty, materials, "B" Budget, facility refresh, Measure C equipment					
A. P	Please submit up to three	e faculty and/or staff requests below in ranked order: (copy this section as needed) replacement growth					

	Engineering							
Position:								
Department :	Contact Person, ext.							
	In addition to the Department's rationale and from a <u>dean's perspective</u> , 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:							
	SE							
2 Address FIE, PI/FIE	TE ratios and WSCH that support your request below:							
	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:							
relative to their contri	hat resource allocations (awarded 2 or more years prior to the ributions to the program, its course or program level outcome teria you, as the Dean, may use to assess the effect of this additional terms.	s and its program review criteria. In this light, briefly						

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.

Rank replacement growth

Item Description:
Cost Estimate: Contact Person, ext.

From a <u>Dean's perspective</u>, 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:

- 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: