I. Program Description

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

☐	Basic Skills	☐	Cultural and Personal Enrichment
X	Transfer	☐	Academic Support/Learning Resources
X	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 refer to CTE Program Review Addenda Reports: *www.deanza.edu/gov/IPBT/resources.html*

**1 # Certificates of Achievement
5 # Certificate of Achievement-Advanced
10 # 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?

N/A # Students   **N/A** # Staff
N/A # Faculty

b. Number of employees associated with the program?

N/A # Students   **N/A** # Faculty
N/A # Staff   **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/De AnzaProgramReviewDiv/htm*

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

Explanation:	Due to budget constraints, the elimination of the Treasure Island and So. California MCNC Job Corps component (a very large off campus program)during 2007-2009 make it impossible to compare enrollment figures between last year and this year. Next year, we will have data that can be compared as we will have on campus enrollments since Fall 2010.

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:	Using the figures which contain Job Corps numbers, we have no equity gap. Our targeted populations are more successful than our non-targeted populations (91% versus 89%) for the 09-10 year. Due to budget constraints, the elimination of the Treasure Island and So. California MCNC Job Corps component (a very large off campus program)during 2007-2009 make it impossible to compare enrollment figures between last year and this year. Next year, we will have data that can be compared as we will have on campus enrollments since Fall 2010.

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:	The MCNC faculty will continue with the existing plan of actively providing counseling on course selection and scheduling to students, as well as increased exposure of the DeAnza manufacturing program. Recent progress speaking at career days and a 2+2 program with the CCOC has opened up more career opportunities to underrepresented populations, which will help the departmet attain our goal of lowering the equity gap.

4   Overall enrollment growth or decline of all student populations

Explanation:	Due to budget constraints, the elimination of the Treasure Island and So. California MCNC Job Corps component (a very large off campus program)during 2007-2009 make it impossible to compare enrollment figures between last year and this year. Next year, we will have data that can be compared as we will have on campus enrollments since Fall 2010.

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:	

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:	Internships and apprenticeships were an area we working to improve as we moved into the future. The department goal was to work as closely as possible with our Advisory group members to create short term internships and longer term apprenticeship positions. This would allow the students to gain "real world" experience while attending MCNC classes. At that time the current economic condition did not allow these positions to become reality. But, with the current rapidly expanding job opportunities available in the bay area in the machining/manufacturing area we have added two internships and four new apprenticeships starting in the spring. The MCNC department will continue to seek more partners and add to these numbers as the job market grows. Another main area for improvement was maintaing our computers and network system that allows us to teach at the highest level possible. With measure C funds, the replacement of new computers in the lab (Summer 2011) will maintain and add to the quality and growth of our expanding CNC and CAD/CAM programs.

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.

	No significant changes
Impact:	See APRU 09-10 MCNC Attachment
Explanation:	The current labor market will not require a significant change to our curriculum in our current two year program, but the recent demand of skilled labor and rapid growth of the CNC/Manufacturing labor market are increasing our demand for quality training. Enrollment trends are leaning toward larger waitlists. The program will re evaluate course offerings in order to prepare our students for the various jobs available.

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 changes
Impact:	Developing an advanced manufacturing program (high tech third yr program) to advance new and incumbent workers.
Explanation:	As a recommendation of our advisory group, the MCNC department is in the beginning stages of developing an advanced manufacturing program with our industry partners. Companies such as HAAS Automation, Sandvick Coromat, Mastercam and Blasercut will assist the college with advanced technology equipment, such as touch probes, carbide tools, high speed machining, advanced cad-cam sotfware and coolants. A rough draft plan will be completed and presented to our advisory group at the end of the year for further recommendations. As requested, the addition of this program will supply the labor market with higher skilled employees capable of selection, set-up and operation of advanced manufacturing equipment.

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 <u>Institutional Core Competencies</u>, 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)

X	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	100%	in progress		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?

The MCNC department has 100% of its full time faculty (2) and staff (1)and now100% of the part time staff (4) engaging in the assessment as described in our "Program Level Outcome Assessment Plan" in the coming 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 results:	In Progress	Plan/Enhancement:	
summarize results:	In Progress	Plan/Enhancement:	

B. For programs whose PLOs primarily align to the <u>Strategic Initiatives</u>: 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		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 results:		Plan/Enhancement:	
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 <u>faculty and/or staff requests</u> below in ranked order: (copy this section as needed)

1 Rank		replacement		x	growth
Position:	1 Full Time MCNC Faculty				
Department :	MCNC		Contact Person, ext.	Mike Appio x8283	

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:

Advance Technology Manufacturing Program -Based on our advisory input, an additional full time instructor position would increase the level of instruction in currently developed high tech classes such as automated touch probes, carbide cutting tool technology , high speed machining and rapidly changing cad/cam software.

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

Additional program would increase WSCH by approx 15%-20%

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:

Increased job placement. Student success, retention and program growth.

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:	HAAS EC 300 Horizontal Machining Center- currently entrusted/purchase at end of entrustment at 50% depeciated value	
Cost Estimate :	70,000	Contact Person, ext.	Mike Appio x8283

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:

The horizontal machining center is the most advanced high tech piece of training equipment in the program. The machine is currently used in our capstone courses and is a major contributor to the growth of our currently planned advanced technology manufacturing program. Horizontal machining centers are currently in use in 75% of our advisory group and local manufacturing sectors. Continued training in this area will increase the already high demand of our students, while entering (or continuing)in the labor market at a higher level with increased wages. At this time DeAnza College is the only community college in the sate of california with a high tech horizontal machining center.

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

Maintain existing WSCH with potential additional advanced program increasing WSCH by approx 15%-20%

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 resource upon your program below:

Increased job placement. Student success retention and program growth.

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)

Rank		replacement		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:

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:

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 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:

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, <u>as the Dean</u>, may use to assess the effect of this additional staff/faculty position to your program below: