

**HAWAII COMMUNITY COLLEGE
ANNUAL INSTRUCTIONAL
PROGRAM REVIEW**

Cisco Networking Academy Program

APRIL 2, 2007

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ANNUAL INSTRUCTIONAL PROGRAM REVIEW

Program Name

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I. Narrative and Analysis of Data

a. Statement on the mission or purpose of the program, including the target student population;

The Cisco Networking Academy Program provides skills students need to work in IT fields. The program prepares students for industry certifications; for further education/training; to complement courses/training in electronics, computer technology, and engineering; to provide practical hands-on exercises in varying technology-related areas; and to prepare individuals for entry-level (learning-oriented) technology-related jobs.

The range of courses offered within the program are appropriate for individuals already working in technology jobs who want to upgrade their skills as well as to keep current with the latest and developing technologies and for traditional students planning to pursue education and/or jobs in technology.

b. Information on external factors affecting the program;

After an initial high demand for courses within the program there was a noticeable decline that could be attributable to a number of different factors. For one, there are only so many businesses/organizations on the island and technology staffs are not large in comparison to other islands in the state, mainland and foreign countries. So after the initial influx, demand tapered as those interested in the program were accommodated and with limited turnover in technology staffs and limited increases in staff, it was understandable.

The island is also physical large so those living and/or working in the outlying areas of the island find it extremely difficult to be “motivated” to attend classes regularly much less at night for an academic year.

Another factor that seemed to affect demand was the apparent lack of incentive, reward, or recognition that employers bestowed on those completing the courses in the program. In other words, certain employers do not appear to make skills development or keeping current a high priority for employees.

c. Attach PHI Report (CTE Programs only)

None. No PHI report was required or requested.

d. Required external measures, if applicable (e.g.) Nursing Cert.]

There are no required external measures; however, the various courses within the program do prepare students for various industry-recognized certifications in addition to Cisco. For example: CompTIA's A+, Server+, and Linux+ certifications and World Organization of Webmasters certification.

e. Data analysis

Note: For some reason this was not on this form provided; however, it was decided to make a few related comments. There are other factors involved, but will not be addressed at this time due to time constraints.

It would be extremely difficult to do a thorough or accurate analysis of the data provided for a couple of reasons. One is the time constraint for completing this report is somewhat restrictive, but perhaps the more appropriate reason is the courses offered in the program enroll both credit and non-credit students. So unless non-credit student data is included, an accurate and valid analysis and report would be extremely difficult to complete.

The Cisco Networking Academy Program currently does not confer any academic certificate or degree and simply consists of various course offerings. Therefore, there are limited traditional data elements can be used for analysis.

II. Update or Create Your Action Plan including Budget Request with Justification, if needed.

Since the inception of the program in 1998, the program has operated primarily with grants received and other than instructor salary and occasional lecturer costs, very limited college/division funds have been used. And the funds used have been primarily for supplies. In addition to received grant funds, fees from non-credit students have also been used to help the program operate.

However, it is only within the last several years that we have been guaranteed and received our share of non-credit student fees from OCET. In the early years of the program, a relatively large amount was accumulated at OCET (around \$20,000); however, due to various college budget shortfalls, the funds were "taken away" and the program was never able to benefit from the earned fees.

Presently, there are no specific plans for submitting a budget request as it is intended to continue operating the program as in the past using grant funds and fees collected from non-credit students. Only the instructor salary and possible lecturer cost are the only expense that is anticipated for the college/division to continue operating the Cisco Networking Academy Program during the coming academic year.

Also since the inception of the program in 1998, there were multiple unsuccessful attempts to create or incorporate courses into an academic certificate or degree with other programs. Therefore, plans are to submit a program proposal to create an Academic Subject Certificate for the networking courses within the program that would also align to a degree with the program that Honolulu Community College is working on with UH-West Oahu that would lead to a Bachelor's of Applied Science Degree in technology and possibly database administration.

Since many courses within the program are also offered at the high school level (on a longer term basis), continued efforts to develop help develop/integrate technology instruction and articulation agreements with the local and state high schools will continue.

There are also plans to work with the Marketing department of the division to create a series of Web design and related courses such as E-Commerce that may also be part of a new academic certificate or specialization within the Marketing program.

Data Chart

As previously addressed, the data contained in this chart provided is inaccurate, but this is all that is currently available.

QUANTITATIVE TREND DATA CHART

Program Name: Cisco

	Fall 2005	Spring 2006	AY
#1 Number of PPC Students	42	7	45
#2 Total Student Semester Hours	126	48	174
#3 FTE of PPC Students	8.40	3.20	5.80
#4 Number of Graduates	-	-	0
#5 Number of classes	2	3	5
#6 Avg Class size	9.50	2.67	5.40
#7 Avg Class fit	52.8%	13.3%	29.1%
#8 FTE of BOR Appointed Program Faculty	-	-	1
#9 Number of FTE Faculty	-	-	.52
#10 Student semester hours for all PPC class enrollments	42	20	62
#11 Student-Faculty Ratio	-	-	3.99
#12 PPC Credits Earned Ratio	.74	1.00	.87
#13 Non-PPC Credits Earned Ratio	.65	.71	.68
#14 PPC Avg GPA	2.13	3.10	2.61
#15 Non-PPC Avg GPA	1.83	2.18	2.00
#16 Budget	-	-	509.00
#17 Program Cost per SSH***	-	-	358.44

*** - calculated using rank 4 rate per credit hour of instruction