


 Dept - (BHES) Health Technologies


Program Mission Statement: The mission of the DeAnza College Health Technologies Program is excite, motivate, and to provide many students with quality academic and practical training in the various careers that are offered in the field of Health Technologies. The department hopes to help students to achieve a valuable place in our local and global community. We serve a widely diverse student population including career oriented students, lifelong learners, and those who choose our program to enrich their own knowledge base.

I.A.1 What is the Primary Focus of Your Program?: Career/Technical

I.A.2 Choose a Secondary Focus of Your Program?: Transfer

I.B.1 Number Certificates of Achievement Awarded: 40

I.B.2 Number Certif of Achievement-Advanced Awarded: 14

I.B.3 #ADTs (Associate Degrees for Transfer) Awarded:

I.B.4 # AA and/or AS Degrees Awarded: 8

I.C.1. CTE Programs: Impact of External Trends: The California Employment Development Department (EDD) collects data about the state's workforce. These data include information about the number of people employed in the field, job outlook, and wage information. The California EDD predicts for the period 2014-2024 the number of openings for medical assistants to increase by nearly 27.7%. In California, an average of 2,230 new job openings per year is expected for Medical Assistants because of the increase in the number of group practices, clinics, and other healthcare facilities that need greater numbers of support personnel that is trained in both administrative and clinical duties. Projected phlebotomists employment is estimated from 12,700 to 15,800 a 24.4% increase.

I.C.2 CTE Programs: Advisory Board Input: The latest advisory board recommendations included preparing our HTEC graduates to work in the medical environment by continuing to improving on their soft skills while still mastering their clinical skills. The students are also being encouraged to be proficient in the electronic medical record system. Future plans for my program would be to change the name of the Medical Transcriptionist/Editing Certificate of Achievement to Medical Transcribing/Editing. There is an increase need for a new title of Medical Scribe that branches from the transcriptionist field. This certificate is being used the the Emergency rooms and physicians offices. Medical Transcriptionists has a projected increased by 9.1 in 2014-2024.

I.D.1 Academic Services & Learning Resources: #Faculty served:

I.D.2 Academic Services & Learning Resources: #Students served:

I.D.3 Academic Services & Learning Resources: #Staff Served:

I.E.1 Full time faculty (FTEF): 1

I.E.2 #Student Employees: 0

I.E.3 % Full-time : -4.8%

I.E.4 #Staff Employees: 0

I.E.5 Changes in Employees/Resources: Due to lack of funding, we lost 3 TEA's concern was noted by the students because the instructor was not able to tend to them on a one to one bases during lab times. Personal safety of the students while in the lab was a concern because of not enough supervision.

II.A Enrollment Trends: No Changes we are holding steady.

II.B.1 Overall Success Rate: Overall success rate in the last 3 years has remains at 80%.

II.B.2 Plan if Success Rate of Program is Below 60%:

II.C Changes Imposed by Internal/External Regulations:

III.A Growth and Decline of Targeted Student Populations: In the student targeted populations enrollment grew from 1021 to 1108 students over the past 3 years. Growth continues.

III.B Closing the Student Equity Gap: Although student enrollment in the targeted populations has grown, due to lack of funding we have not been able to offer many additional sessions nor have in class professional experts/mentors. This has affected our equity gaps, which has gone from 11% to 13%. We remain at 12% in our targeted populations. However, we have now been able to add our Electronic Health Records course every quarter instead of two per year. Our Insurance and Coding course is also going strong and being offered every quarter. We still need the assistance in the lab classes to help with decreasing our student equity gap.

III.C Plan if Success Rate of Targeted Group(s) is Below 60%:

III.D Departmental Equity Planning and Progress: Despite only one fulltime faculty, the department with the help of advisory committee input has been working on many strategies to improve student success and retention and decrease the equity gap. We are offering extra sessions in certain courses so that there will not be any delays in students starting and finishing our program.

IV.A Cycle 2 PLOAC Summary (since June 30, 2014): 0%

IV.B Cycle 2 SLOAC Summary (since June 30, 2014): 97.5%

V.A Budget Trends: As a result in loss of Perkins funding for Professional Experts to assist in the classroom with practical skill for clinical procedures such as phlebotomy, EKG's, injections, basic patient care, sterile technique, finger sticks-this has affected student success in these areas and greatly affected our student equity gap. More students were repeating the phlebotomy labs class. This is the most popular class for enrollment plus it feeds into the MLT program. Extra hands are needed due to the delicate nature of the phlebotomy technique and for safety reasons as well.

V.B Funding Impact on Enrollment Trends: As a result in loss of Perkins funding for Professional Experts to assist in the classroom with practical skill for clinical procedures such as phlebotomy, EKG's, injections, basic patient care, sterile technique, finger sticks-this has affected student success in these areas and greatly affected our student equity gap. We were not able to accept the normal number of students because of lack of extra hands to assist in the skills taught.

V.C.1 Faculty Position(s) Needed: Growth

V.C.2 Justification for Faculty Position(s): The one FT faculty in addition to teaching a full time load, has to coordinate the collection and input of all the SLOs, PLOs, supervised assessments, conduct information meetings, schedule classes, revise and prepare new curriculum, prepare current program materials, order supplies,etc.

V.D.1 Staff Position(s) Needed: Growth position

V.D.2 Justification for Staff Position(s): We have 50% of a staff position but request it to be 100% therefore a FT classified staff for lab support. We perform invasive procedures and do not have the lab support to maintain a safe environment for our students. We are offering more lab skills and new techniques that has been recommended by our Advisory Board members.

One FT classified for administrative and clinical duties for Health Tech. With our increase in enrollment we need full time assistance.

V.E.1 Equipment Requests: Over \$1,000

V.E.2 Equipment Title, Description, and Quantity: HTEC department is requesting all new instructional equipment. 3 Microhematocrit centrifuges, 1- Blood Pressure Sim with iPod, 2- Pediatric Scale and Treatment Table, 6- Pediatric Injection Arms,, 1-Lifeforms Suture Practice Arm, 1- Five drawer treatment cart, 6 Simulated Intradermal Injection Arms, 6-pocketscope Otoscope, 1- Wall Diagnostic System, 5 PC 's for our Electronic Health Record, 3- spirometer, 1- Spot Vital signs with NIBP, 1-Weight scale,

V.E.3 Equipment Justification: Students will use this equipment. Failure to procure equipment will affect our ability to effectively address the equity gap. All equipment has life expectancy of 10 years or more.

This request will meet the college mission and strategies goals by allowing students to demonstrate the knowledge and skills through critical thinking to be successful graduates in the Health Tech Program. Health professionals are expected to know how to maneuver around the new equipment found in the hospitals, clinics, and doctor's office, without out the requested supplies and equipment this would not be possible.

V.F.1 Facility Request: Computer Classroom for our computer HTEC courses: Medical Communications, Medical Transcription and Medical Office Management classes. We have electronic medical record software for each of these classes. We have been using SC3101 but it is a small classroom and with our growing enrollment we would need a dedicated classroom that seats students. Our HTEC courses are offered 3 times per year including summer. We need at least 40 PC computers. Again, our enrollment is increasing and we only have 32 PC in SC3101.

V.F.2 Facility Justification: Computer Classroom for our computer HTEC courses: We need at least 40 PC computers. Per our Advisory Board members Electronic Health Records is what the medical clinics are using. Our students are expected to know how to input vitals signs, make appointments, cancel, send prescriptions, etc. This is is making a big impact because we are limited to the number of students that can enroll in this course. We are offering this class year without this facility we would have to restrict the number of sections we offer as well as the quality of education. Therefore not meeting our Advisory Board members expectations.

V.G Equity Planning and Support: The department needs an additional full time faculty member. HTEC has doubled since 2013 with more instructors and more new and regular sessions being offered. There is more administrative work that needs to be completed with limited time to do this because our full timer is teaching. There is alot of meetings to attend but no one available to cover the classes. In addition to open houses to organize and information meeting to conduct.

V.H.1 Other Needed Resources: Finding tutors to work with the students in courses like medical terminology, pharmacology, insurance and coding, etc.

V.H.2 Other Needed Resources Justification: The growth in equity gap shows that students need additional help outside the classroom to master the skills required to be successful.

V.J. "B" Budget Augmentation: With the growing enrollment in the Health Technology department we need an augmentation to the B budget.

This would support students and faculty in the classroom. We would be able to purchase supplies and equipment which would allow students to gain needed clinical skills that are being requested by our Advisory Board meeting. The medical field is changing all the time therefore we need to keep current in our courses. This request will meet the college mission and strategies goals by allowing students to demonstrate the knowledge and skills through critical thinking to be successful graduates in the Health Tech Program and represent DeAnza as competent medical personnel.

We would request that our B budget be increased by \$5000.00.

V.K.1 Staff Development Needs: Our faculty needs to attend workshops, conferences, etc. to stay current in the field. They also need to be teaching with the current equipment and supplies that are found in the medical world of today.

Failure to attend workshops and failure to demonstrate the use of current equipment will not enhance the students learning experience in the classroom. This request will meet the college mission and strategies goals by allowing students to demonstrate the knowledge and skills through critical thinking to be successful graduates in the Health Tech Program

V.K.2 Staff Development Needs Justification: In the medical field you must keep up with all the new equipment, textbooks, procedures , knowledge to assist the students in mastering their skills that are required to be successful and a member of the growing health team. This will also close equity gap because we would be accommodating the needs of the students .

V.L Closing the Loop: Enrollment planning will be invaluable if our student numbers continue to increase. The number of students that have and will be employed. Continue to assess the SLO's. Assessing the test results during our practicals with using the up to date equipment will help the students better understand how certain procedures actually function. I am confident that the results will show in the practical exams. Following up with those that past the national and state exams, which has been going up every year.

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APRU Complete for 2016-17: Yes

#SLO STATEMENTS Archived from ECMS: 82

