

Impact: Results & Use of Results Reported by Goal



Annual Program Plan Health Science

Strategic Direction 1 - Student-Centered Curriculum

Annual Program Plan Health Science

Analysis of Data

Reporting Year: 2021 - 2022

Conclusion: Trending Up

Analysis of Data: SD1/1. Success: The Health Sciences courses in 2018-2019 had retention of 523 students with an 88% rate. In 2019-2020, Health Sciences courses decreased 2 course offerings but retained 466 students and maintained an 81% retention percentage despite numerous challenges the COVID-19 pandemic. In comparison to College of the Canyons, the HS department has closed the equity gap related to overall success rate based on ethnicity and gender with an increase in all categories. To further limit equity gaps among minority genders and ethnicities, a focus on dual enrollment in underserved populations will improve college accessibility for high school students through on campus and online instructional platforms.

SD1/2. Evaluation of data for 2019-2020 in this area was skewed based on COVID-19 restrictions and modifications to program schedules. As best as can be determined, the HS programs maintained steady increases in enrollment, retention, and success in all categories, with moderate increases in the female and Hispanic populations. Overall success rates increased although retention data shows a decrease. Evaluation of data from the state, shows inaccuracies in student enrollment and success rates, suggesting a coding or populated data error which makes the data unreliable. However, the progressive improvement in our targeted groups is encouraging.

SD 1/3. Equity: Student success rates during the COVID pandemic were higher based on the online platform of instruction, compared to previous evaluation periods for the same programs. Concurrent increases in female and Hispanic success rates within all Health Science disciplines, suggest equitable and accessible education can be beneficial to certain groups. The success rates for on-ground courses was 77% while the online course offerings had a success rate of 89%. The data included for the same 2019-2020 period, Hispanic success rates of 77% which was well above the 61% rate in the 2018-2019 data set.

SD1/4. Active goals: Based on the analysis of cumulative data, the HS programs appear to be marketable to all community members, especially those who are interested in entering careers in health care or health sciences. The HS department is actively pursuing contractual agreements with area high schools to develop and implement Dual Enrollment programs. Through these strategic partnerships, students will gain college experience, college course credit, and college level education which encourages equity and student participation. The ongoing efforts in this area provide outreach and opportunity for those students who may not have thought college was an option or were fearful of the challenges presented by college education. The dual enrollment course in health sciences, serve as a pathway for students to experience college education as well as support services such as counseling, financial aid, and student health services.

Entered By: John Everlove

Analysis Dates: 09/08/2021

Strategic Direction 2 - Student Access

There are no Data Analysis and Suggested Actions for this Strategic Direction

Strategic Direction 3 - Student Success

There are no Data Analysis and Suggested Actions for this Strategic Direction

Strategic Direction 4 - Campus Safety and Wellness

There are no Data Analysis and Suggested Actions for this Strategic Direction

Strategic Direction 5 - Organizational Effectiveness

There are no Data Analysis and Suggested Actions for this Strategic Direction

Dean Signature - Dean Signature indicates review.

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Analysis of Data

Reporting Year: 2021 - 2022

Conclusion: Trending Up

Analysis of Data: Agree with SWOT analysis.

Entered By: Carol Higashida

Analysis Dates: 10/01/2021

Suggested Actions

Suggested Action: End of Spring 2022 will review regional data to see if another Paramedic program is needed to meet the demand. (10/01/2021)

Assessment: Program Overview (SWOT)



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Program Description: Health Science courses provide the basic skills necessary to succeed in medical programs, such as nursing, radiologic technology, nutrition, Emergency Medical Technician, medical coding, and optical technology. Courses are in the NTS or HS disciplines.

Program Plan Writer/Editor/Contact Person: Christina Lee

Department Chair / Coordinator / Program Lead: Christina Lee

Dean/Manager: Carol Higashida

2021 - 2022

Strengths: Maintaining upward trend of EMT success rates and core standards of program steady despite COVID pandemic.

Expanded Dual Enrollment for NTS, EMR, and NS M19.

Increased demand for Dual Enrollment throughout regional high schools.

Weaknesses: Limited room availability for current EMT skills course calendar at beginning of semester.

Not enough part-time instructors for increasing Dual Enrollment programs.

Limited course offering in HS and Emergency Medical Technologies.

Opportunities: Significant need for Paramedics in the region and the state, with high rates of employment and valuable sources of funding. The value add to Moorpark would draw students from Los Angeles, Ventura and Santa Barbara counties. Similar value to Nursing, Rad Tech and Nuclear Medicine programs. One year course, existing VCCCD curriculum, and strong LMI data to support program development and investments. Low start up cost with instructor based costs moving forward. Existing infrastructure and hierarchy in place to support new program.

Threats: Decreased enrollment based on limitations in career path education in Emergency Medical Technologies compared to other colleges in the area. Changes to skills lab course offerings based on pandemic and public health guidelines.

Program Plan



Annual Program Plan Health Science

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Initiative: Prepare Students for Transfer

Revising transfer programs to meet students' needs.

Initiative Status: Active

Initiative Year(s): 2017 - 2018, 2018 - 2019, 2019 - 2020, 2020 - 2021, 2021 - 2022

Resource Requests

(A) Active Request - New seasonal Office Assistant or Student Services Assistant position to support the increase volume of record keeping and generation of reports for the various clinical and regulatory agencies. (Active)

Justification: To assist with maintaining student and program records, agency contracts, and other accreditation and reporting requirements. Provides support staff to facilitate the requirements that need to be fulfilled to maintain all of the Health Sciences programs, though specifically Optical Technology and EMT. The position is in addition to the current request of current Office Assistant moving from grant funding to general funding, and is mirrored in each of the program plans' resource requests.

Contact Person for Request: Christina Lee/Carol Higashida

Resource Category - Where does this request belong?: (B) Classified Request

Funding Source: General Fund

Priority: High

Overall / Aggregate Cost: 75000

(A) Active Request - Move Full-time Office assistant from grant funded to general funded to help maintain students records, contracts with agencies, and other documentation needed for maintenance of programs including accreditation and state approval. (Active)

Justification: The number of programs within the Health Sciences Department has increased over the past 2 years as both EMT and Optical Technology programs have been added. Both of these programs require background checks and other compliance screening and tracking. Also, the volume and intensity of the office work has increased for existing programs with additional hospital requirements. Following the Board of Registered Nursing site visit in 04/2017, a recommendation was to move the salary/benefits of the Office Assistant to fully general funded. The position maintains student records, contracts with agencies, and other documentation needed for maintenance of program approvals and accreditation.

Contact Person for Request: Christina Lee/Carol Higashida

Resource Category - Where does this request belong?: (B) Classified Request

Funding Source: General Fund

Priority: High

Overall / Aggregate Cost: 80000

(A) Active Request - Increase student worker funding to \$12,000 from \$6,000 (Active)

Justification: As of 2018-2019 there are \$6000 allocated from the general fund for a student worker for the Health Sciences

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Department Office. This allocation has remained the same for at least the past 8 years, while the wage for student workers has increased. As a result, the available hours of a student worker have diminished over the years. Also, the number of programs with approval, accreditation, or other regulatory demands has increased from two (Nursing and Rad Tech) to five (Optical Technology, Nuclear Medicine, EMT). The Administrative Assistant and Office Assistant are flexing their time during peak seasons to try to keep up with the clerical demands of the department; they need more more assistance.

The additional student worker funds are also needed for a student worker for the Nursing Skills Lab, similar to the student worker lab assistance provided for the Chemistry and Biology labs. A student worker would be utilized to assist with non-registered nursing tasks in the nursing skills lab to allow the Instructional Lab Technicians II/Nursing to focus on job duties that require a registered nurse's skills or experience to do. Currently, the ILT II/Nursing have not been able to practice to the fullest extent of their minimum qualifications and job description due to being mired down with data entry; data retrieval; general skills lab labeling, sorting, cleaning, and laundry; and straightening up of supplies and equipment that does not require an RN license or healthcare experience to do.

Contact Person for Request: Christina Lee/Carol Higashida

Resource Category - Where does this request belong?: (F) Other

Funding Source: General Fund

Priority: High

Overall / Aggregate Cost: 6000

(A) Active Request - Additional counselor for allied health/health sciences. (Active)

Justification: The current counseling arrangements for Health Sciences needs to be expanded in order to serve prospective and current health sciences students. There are over 1000 pre-nursing students (academic year unduplicated headcount per Tableau) at Moorpark College, 150 nursing program students, 40 radiologic technology students, and 7 optical technology students. These students need appointments with health science counselors for educational plans, advising, and graduation applications. Additionally, the Moorpark College nursing and radiologic technology programs draws many students from out of the area and these students also seek academic counseling or submit nursing program applications that need to be reviewed. There is currently only 1 full-time counselor dedicated full-time for all of these students, with a portion of another health science counselor. While the full-time counselor is very efficient, she is working at maximum capacity and there continually are student complaints of not being able to make appointments for advising, educational plans, course petitions, or graduation application/checks. Students trying to enter the health sciences programs and those currently in them are being underserved from a capacity standpoint.

The amount of FTEF dedicated to health sciences has not kept pace with the growth of the department. Before the previous health sciences counselor retired, 60 - 90 nursing applications were received each semester and there were only the nursing associate degree, rad tech associate degree, and EMT programs. Now there is an all-time high of 375 nursing applications during Fall 2019 with no decrease in sight, and health sciences encompasses the nursing degree, rad tech degree, nuclear medicine certificate, EMT proficiency award, nutrition AS-T, and optical technology associate degree programs. Additionally, the Health Sciences Department is looking to expand in the near future; there is a plan to increase enrollment in the optical technology program and collaborate with a local adult school to provide the GE courses for a degree in respiratory therapy and in surgical technology. While the students' professional programs will be housed with the adult school, they will need counseling for GE educational plans and graduation applications.

This is an issue of Access: students are not able to progress towards their goals without being able to meet with a counselor, and the processing of applications for the nursing, rad tech, and optical technology programs nears being unable to be completed in time for admission of students to the following semester. An increase in counseling capacity with another allied health/health sciences counselor is needed to reduce the bottlenecks at attempted program entry and at preparation for graduation.

Contact Person for Request: Christina Lee/Carol Higashida

Resource Category - Where does this request belong?: (A) Faculty Request

Funding Source: General Fund

Priority: High

Overall / Aggregate Cost: 80000

Replacement Item: No

(A) Active Request - Part-time or Seasonal Counseling Assistant (Active)

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This is an issue of Access: students are not able to progress towards their goals without being able to meet with a counselor, and the processing of applications for the nursing, rad tech, and optical technology programs nears being unable to be completed in time for admission of students to the following semester. An increase in counseling capacity with a Counseling Assistant to help with the counseling tasks that the classification is tasked with is needed to reduce the bottlenecks at attempted program entry and at preparation for graduation. A part-time or seasonal Counseling Assistant would help free up the Counselor for more appointments.

Contact Person for Request: Christina Lee/Carol Higashida

Resource Category - Where does this request belong?: (B) Classified Request

Funding Source: General Fund

Priority: High

Overall / Aggregate Cost: 18000

Replacement Item: No

Work Plan

Revise the Nutrition AST to start in Spring 2020.

Initiative: Safe and Up-to-date Learning Environment

Provide high-quality, safe learning environment for our students.

Initiative Status: Active

Initiative Year(s): 2017 - 2018, 2018 - 2019, 2019 - 2020, 2020 - 2021, 2021 - 2022

Resource Requests

(C) Pending/Future Need - Development of a kitchen laboratory in existing kitchen space (Active)

Justification: For offering NTS M09 Introduction to Food Science with Lab

Contact Person for Request: Christina Lee

Resource Category - Where does this request belong?: (C) Facilities Need

Funding Source: General Fund

Priority: Medium

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Building and Room #: Child Development Center kitchen

(A) Active Request - EMT program instructional equipment \$200 - <\$999. (Active)

Justification: Previously, the VC Innovates grant provided funding for supplies and equipment for the EMT program's re-start-up. The EMT program no longer receives VC Innovates funding, yet still needs replacement of equipment that wears out after approximately 2 years of instructional use.

Contact Person for Request: Christina Lee

Resource Category - Where does this request belong?: (F) Other

Funding Source: General Fund

Priority: High

Overall / Aggregate Cost: 2000

Initiative: Moorpark College Paramedic Program added to Emergency Medical Technologies

Addition of a Paramedic Program to the EMT courses offered at Moorpark College.

Initiative Status: Active

Initiative Year(s): 2020 - 2021, 2021 - 2022

Start Date: 09/26/2020

Completed Date: 05/28/2021

Resource Requests

(A) Active Request - Funding and skills lab classrooms needed for Emergency Medical Technologies-Paramedic Program. (Active)

Justification: New part time instructor hours to augment existing staff and equipment for Advanced Life Support training. (Limited)

Contact Person for Request: John Everlove, Allied Health Coordinator/EMT Program Director

Resource Category - Where does this request belong?: (A) Faculty Request

Funding Source: General Fund

What specific grant opportunities could help fund your request?: TBD; Several grants for emergency medical services education.

Priority: High

Overall / Aggregate Cost: 55000

Replacement Item: Yes

Building and Room #: HSC