

Long Beach City College - Program Review

Program Review 2015-16 - DMI

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PR 2A - Enrollment Data:

The Medical Imaging Program has maintained a steady enrollment since the last Program Review. Our maximum enrollment is limited by available Clinical space at our affiliate Medical Centers. We currently have 6 affiliate sites for DMI and 4 that are specific for MRI or CT. Each site accepts students based on the number of Technologists, size of facility, and patient workload. Included in the enrollment counts are Magnetic Resonance Imaging, Computerized Tomography, and Mammography students. Our current wait list is down because of the discontinuance proceedings. Since being given a new life, we have had good attendance at our monthly information sessions and our wait list is increasing.

PR 2B - Achievement Data:

Student success has remained in the 90% range with a high in 2012-2013 of 97% and a low of 94% in 2014-2015. Our average attrition rate is about 15% usually occurring in the early part of the program. The majority of this is attributed to financial or time constraints as the DMI students spend close to 2000 hours at the Clinical Facility during the Program. All of our students achieve an Associate of Science degree and a Certificate in Medical Imaging upon completion of the DMI Program. As the economy has improved, so has the employment of our graduates. We currently have a 75% employment within the first year after graduation with many being employed by the Clinical Affiliate where they trained.

PR 2C - HR (Staffing) Data:

We were able to hire a Full Time instructor in 2013. This returns our Full Time faculty to 2 with 4 Part Time faculty.

PR 3A - SLO - summary of collected program data:

The DMI Program currently has 5 Program SLO's. We based our assessment goals at a 75% or better achievement level to mirror our licensing boards passing level. These SLO's mimic the areas covered in the board examination and show that the student can perform the duties of a Radiologic Technologist to industry standards.

#1 Image Formation - Of the sampled students, 83% achieved and /or exceeded the minimum score.

#2 X-Ray Production - Of the sampled students, 86% achieved and /or exceeded the minimum score.

#3 Radiation Effects - Of the sampled students, 84% achieved and /or exceeded the minimum score.

#4 Positioning - Of the sampled students, 98% achieved and /or exceeded the minimum score.

#5 Radiographic Images - Of the sampled students, 97% achieved and /or exceeded the minimum score.

PR 3B - SLO - uses in program improvement :

Program level SLO's are assessed after the results from the American Registry of Radiologic Technologist are known. We use the Program SLO's in conjunction with these results as they are broken into specific areas of study. We assess where the students have the greatest difficulties and look to the course level SLO's. As our success rate shows, we have been able to modify our delivery methods to help the students retain and use the knowledge needed to achieve their goals.

PR 3C - SLO - action/ change based on results:

We have been pleased with the results of our assessments. We have looked at the way we present information, what we present, and how we assess the outcomes.

We did not have any specific actions required during this evaluation period. What we have done, is to look at the embedded questions to see if they are asking what is needed to correctly evaluate the outcomes. At this point, we are satisfied with them. We will continue to assess and evaluate each course within the program to maintain student success.

PR 4A - Projects/ Strategies-development & change:

Our goals have always been to improve how we present information to the students for maximum results. Our first goal is to keep up with the ever changing medical environment. Since this is a technology heavy environment, it has not always been

easy. We have been able to update on a continuing basis through VATEA, but we will have to put some things off until we are able to move into our new space in the D building. We keep our courses at industry standards by attending conferences and interacting with our clinical affiliates.

Our second goal is to acquire new clinical affiliates for DMI, CT, and MRI. One of the blocks we are encountering is that many of the smaller clinics, at one time, were affiliated with proprietary schools that offered payment for the use of their equipment. For the DMI Program, the State must approve the affiliation. These facilities must be a full service department and not just an outpatient clinic. The majority of the full service departments are being used by LBCC and the other surrounding Programs in the area.

Another goal is to expand our offerings by creating a Limited X-Ray Program for the Medical Assisting Program.

PR 4B - Projects/ Strategies - results:

We have been able to acquire some equipment through VATEA and donations from our clinical affiliates. As stated above, we can not acquire equipment too soon since it is a VATEA requirement that the equipment must be installed by the end of July in the year it is approved.

We are trying to return to College Health (formerly Pacific Hospital) and Community Hospital. Currently, the workload of those facilities are not high enough to accommodate students.

We are in the process of creating courses to offer an LPXT program and will be working with the Medical Assisting program to find clinical affiliations.

PR 4C - Projects/ Strategies - future plans:

Our main goal is to continue offering quality education to our students. We will always strive to stay current with our offerings and our equipment. We are still in swing space and using Memorial Medical Center Outpatient facility to conduct our energized labs. We are planning on revamping our lab area in our new space in the D building. We are also exploring areas to expand our offerings and to provide continuing education.

PR 5 - Dept - how does it fit into big picture?:

Our SLO's and goals are in place to aid the students. We strive to improve their lives by improving their knowledge base. As our statistics show, we look for and help attain excellence. Our completion rate and overall success rates show that. Many of our graduates are first time college success stories. Many are the first in their family to achieve a degree. We are ethnically diverse and comparing the overall success rate by ethnicity, we are pretty much equal across the board. The American Registry of Radiologic Technologists has a strict ethical code that our students adhere to. We teach them to be good citizens in the medical community and the community as a whole. They have timelines for completing requirements and they are held responsible for those deadlines.

In our profession a radiograph is not only a diagnostic tool, it must also adhere to certain aesthetic qualities. This sometimes is not the easiest thing to do. It takes critical thinking and creativity to give the Radiologist a diagnostic quality image to give the correct diagnosis. We are in an ever changing and chaotic environment that calls for flexibility and the ability to remain calm. We are a service industry and our students are taught how to provide this service in a safe and correct way. We teach them how to maintain personal and mental wellness. They need to have this in order to adequately care for their patients. Our program produces qualified and competent technologists that are valued members of the health care industry.

Project/ Strategy and Resource Needed
