

Assessment, Improvement, Measurement (AIM) Report: 03/13/2015**Reporting Years:** 2011-2016**Program:** Radiography**Coordinator(s):** Sarajane Doty, Karman Wheeler, Martin Baxter**Program Quality and Student Success****External awards or other recognitions of students, faculty, and/or program.**

	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016
Students					
Faculty				Patricia Miller was nominated for the State Society Olive Bell Memorial Lecture	
Program (include accreditation if applicable)			Accredited by JRCERT		

Average actual time and credits to degree completion.

	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016
General Education Credit Hours			28-34	28-34	
Technical Credit Hours			45	45	
Total Credit Hours			73-79	73-79	
Number of Graduates	25 AD (2010-11)	24 AD (2011-12)	35 AD (2012-13)	32 AD (2013-2014)	
Average Actual Time to Degree	4.3 years	4.9 years	4.44 yrs. (2012-13)		
Average Actual Credits to Degree	112	96	104		

Employer and student satisfaction.

	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016
Employer Satisfaction Survey Results	100%	100% (8/8)	100% (2/2)	100% (7/7)	
Graduate/student satisfaction		100% (18/18) 2010-11 grad surveys	100% (19/19) 2011-12 grad survey	100% (20/20) 2012-13 grads	
Advisory Board/Employer Recommendations for Improvement					

Job placement data for program graduates.

	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016
Number of graduates		19 surveyed (2010-11 grads)	20 surveyed (2011-12 grads)	20 surveyed (2012-13 grads)	
Number of graduates gaining employment		15	18 employed; 9 in field	18 employed; 11 in field. 2 joined military.	
Percentage of graduates gaining employment		79%	90%; 45% in field.	90%; 55% in field.	
KY Unemployment Insurance job data		UI = 83%	UI= 90%+	90%+ (n=21)	

Pass rates on licensure/certification exams (if applicable).

	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016
Total # graduates attempting			27	30	
Total # passing on first attempt			27		
Total # passing after multiple attempts			0		
Pass rate of all attempting	88% (Class of 2011)	96% (Class of 2012)	27/27=100% (2013)	80	

Productivity and Funding**Student measures.**

	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016
Enrollment (Academic Year)	73	74 (2011-12)	80		
Fall Enrollment		63 + 348 pending (Fall 2011)	73 + 169 pndg (Fall 2012)	70 (Fall 2013)	
Credentials Conferred	25 AD (2010-11)	24 AD (2011-12)	35 AD (2012-13)	35 AAS (2013-14)	
Credit hour production	2,552	2,456 (2011-12)	2,426 (2012-13)		

Student credit hour per instructional faculty FTE.

	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016
Student credit hour per instructional faculty FTE.	445.1 (CPE)	409.3 (CPE)	449.3 (CPE)		

Extramural funding.

Source of Funding	2011-2012
No funding sources	

Source of Funding	2012-2013
2012 Perkins - PACS system	\$25,000.00

Source of Funding	2013-2014
2013 Perkins - 6 computers for PACS system	\$7,500.00

Source of Funding	2014-2015
No funding sources	

Source of Funding	2015-2016
No funding sources	

Comments (2012-2013)

Roles	Comments
Coordinator	
1. Strengths of the Program	By July 2012 88% of the Class of 2012 has passed the ARRT Registry on the first attempt. There was one student who had to retake the exam, but passed it on the second attempt. There are two students who have never attempted the exam. Applicant pool remains strong as one Pre-Admission conferences as been held with 65 interested applicants. There are two conferences remaining with the application deadline of March 1, 2013. Retention rate for the Class of 2013 is 31/37 which is an improvement from last year. Advisory Committee has met and is very supportive of the program. One area of concern is employment for graduates. There are no jobs for graduates in Ky and a shortage across the country. This is an area of concern for the program and will be discussed at the upcoming Advisory Meeting. The employers of those graduates that have jobs are very pleased with their preparedness for the workforce.
2. Items Requiring Continued Attention	
3. Document and provide evidence indicating how last year's program review resulted in improvements in the program.	
Assistant Dean	I have read and agree with the comments made by the Radiography program coordinator. The program is contemplating reducing the number of students entering the program. If the job market remains low, I support a reduction in the number of incoming students for a few cycles and then reevaluate.
Dean	Program produces well prepared graduates who are having trouble finding local employment in the field at this time. The periodic fluctuation of the job market in the health care industry should be matched (as possible) with adjustments to the number of students admitted. Students should certainly be advised of the current "soft" market in some health care fields.
Vice President	

Comments (2013-2014)

Roles	Comments
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Coordinator	
1. Strengths of the Program	1. To date, all students who have taken the ARRT have passed on the first attempt. Final results from the ARRT will be available once access to site is granted to new Program Coordinator. 2. The applicant pool for the program remains strong-the first pre-admission conference was held and was well attended. Two additional pre-admission conferences are scheduled for January and February 2014. 3. The advisory committee membership has been expanded to include more clinical facility personnel along with student representatives from the first and second year class. The Fall meeting will be held in January. Minutes and evaluations will follow. 4. Faculty are committed to continue to bring technology into the program to benefit students. Expansion of our PACS to have monitors throughout the laboratory for students to view images in smaller groups, conversion of textbooks to e-books represents a significant cost saving for the student, using tablet technology to begin process of paperless clinical documentation. 5. While survey numbers are limited, both students and employers are very satisfied with the education of BCTC Radiography.
2. Items Requiring Continued Attention	1. The critical need for a permanent full-time faculty member. 2. The critical need to replace the full-time radiography clinical specialist. 3. Expansion of the laboratory move the equipment from the Leestown Campus to the Cooper Campus to provide students with smaller laboratory groups for patient positions instruction.
3. Document and provide evidence indicating how last year's program review resulted in improvements in the program.	With the loss of our eight year Joint Review Committee on Education in Radiologic Technology (JRCERT), progress has come to a standstill. During the Spring 2014 semester, the JRCERT self-study will be prepared for submission in April to be followed-up with a site visit in the Fall of 2014. The majority of the coordinator's and faculty energy will be devoted to this task. Even with this on the horizon, major technology changes are planned for the Fall 2014 semester.
Assistant Dean	I have reviewed and support the comments of the Radiography coordinator. The program has a strong faculty and will be able to correct any issues that concern JRCERT. I will be working with the coordinator to support the time needed to complete the self study.
Dean	It is disappointing when a site has problems with their external accrediting body so it is vital that the coordinator and the faculty work as a team to make corrections wherever they need to be made. The AD and I will be supporting & assisting with the work on the Self-Study. Faculty are experienced and have taught many years. They have a supportive advisory committee as well. There have been some concerns with graduates getting employed right away. This may be a trend and will be observed.
Vice President	I agree with Assistant Dean and Dean comments, especially the disappointment regarding the external accrediting body.

Comments (2014-2015)

Roles	Comments
Coordinator	
1. Strengths of the Program	The faculty of the Radiography Program feel our greatest strength is the integration of current technology with our classroom and laboratory experiences. This technology is what students are working with in the clinical setting and to experience this prior to entering clinic is invaluable. We also feel that a strong faculty presence in clinic enables us to reinforce concepts learned in class and laboratory. Another strength for the Radiography Program is community support. This is evident in the number of graduates employed in not only local facilities, but facilities throughout the region.
2. Items Requiring Continued Attention	The Radiography Program is currently in an accreditation cycle, the site-visit should be during the Spring 2015 semester. Faculty is a concern as well. The Program has been operating with one less faculty member for too many years. During this timeframe a >70% faculty has filled the gap. The Program is beginning to feel the effects of this lack of commitment. Also, two veteran faculty, one of which is the Program Coordinator and the other is the Clinical Coordinator are very near retirement. While any faculty member can be replaced, there will be no continuity for the Program and this will affect

	student retention and success. Without continuity, the accreditation process could be put in jeopardy yet again.
3. Document and provide evidence indicating how last year's program review resulted in improvements in the program.	1. Self-study completed and waiting for site-visit dates from JRCERT 2. Increased the use of computers with regards to laboratory experiments and skills testing 3. Converting to E-books has been put on hold
Assistant Dean	I have reviewed and support the comments of the Radiography coordinator. The program has a strong faculty and they continue to seek new ways to prepare the students to be successful on their boards and in employment.
Dean	This popular program with good job placement of graduates has seasoned faculty who care about their program and their students. Academics supports them and have discussed program needs with their coordinator and AD. Faculty cannot be replaced until there are vacancies and there will hiring take place as faculty decide to retire from the college. Orientations are in place and guide new faculty once hired.
Vice President	I concur with Assistant Dean and Dean comments. The Coordinator has done well in preparing for reaccreditation. I encourage faculty to embrace the Core Manufacturing Exercise discussion that is beginning within the division. Like with all other technical programs, I encourage the program to consider additional apprenticeship and other industry sponsorship opportunities.