

Program Effectiveness 2010-2014 per JRCERT Standard 5 (2014 Report year)

The Joint Review Committee on Education in Radiologic Technology (JRCERT) requires a minimum benchmark of 75% in each of the following areas based on a rolling academic five year average. *Some components the five year average may vary by one year due to statistic no available until later in the academic year such as job placement.

2014-2015 Program effectiveness (Students graduating in 2014)

Program Effectiveness data (this was sent to the JRCERT for our annual report update):

1. ARRT Certification pass rate 1st time graduates: JRCERT minimum five year average 75% pass rate on 1 st attempt within six months of graduation. Benchmark = 90%	Below expectations – less than 75% 1 st attempt pass rate	Meets expectations – between 75% and 90% of 1 st time graduates pass on 1 st attempt	
<i>Graduating classes 2010 – 2014</i> (57 total)	0% (0 out of 54 Graduates)	100 % (54 out of 54 graduates) Each year the total number of graduates passing the ARRT radiography certification examination was 90% +	Program meets expectation
<i>A cumulative data sheet from the ARRT is attached to this data request. The breakdown is as follows for five year rolling average from 2010-2014</i>		2010 – 11/ 11 = 100% 2011 – 12 / 12 = 100% 2012 – 12/ 12 = 100% 2013 – 9 / 9 = 100% 2014 – 10 / 10 = 100% Total = 54/54 = 100%	
2. Job Placement Rate for Radiography graduates seeking employment within twelve months of graduation. JRCERT minimum Benchmark = 80%	Below expectations – less than 80% job placement within six months	Meets expectations – 80% or greater job placement within six month of graduation	
<i>*Graduating classes 2010 – 2014 (total looking for employment and 36 enrolled full time in B.S. degree at IUK not looking)</i>	2%	98%	Program meets expectation
<i>**All students actively looking for employment, found employment during this five year period</i>	<i>One person in 2012 was pregnant at graduation. She looked for a job post pregnancy, but did not find employment that suited her child care needs.</i>	2010 – 100% 2011 – 100% 2012 – 90% 2013 – 100% 2014 – 100% All students in 2014 continued their education	

		in a BS Imaging program at IU Kokomo. Six of the 2014 graduates did have jobs at the clinical sites they are completing their BS MIT degree.	
3. Program Completion rate: those students beginning the program will graduate within normal 21 months of program. Benchmark = 75%	Below expectations – less than 90% graduation rate for admitted students	Meets expectations – Graduation rate of 90% or greater for admitted radiography students	
<i>Graduating classes 2010 – 2014 (54 graduated / 60 Total enrolled to begin the program)</i>	10% of the students originally enrolled in the program did not complete the program	90 % 54/60 admitted students graduated within the program length. (students retained in the program)	Program meets expectation
Five year rolling average of Program Completion Rate from 2010 – 2014		2010 – 92% (11/12) 2011 – 92% (12/12) 2012- 100% (12/12) 2013 – 75% (9/12) 2014 – 83.3% (10/ 12) Totals = 54 /60 = 90%	
4. Employer satisfaction On returned employer survey, at least 80% will affirm positively concerning hiring future IU Kokomo radiography grads if openings occur.	Below expectation – Less than 80% of returned surveys indicate they would not hire future graduates.	Meets expectations – 80% or greater of returned surveys indicate they would hire future IU Kokomo grads.	
<i>Graduating classes 2010 – 2014</i>	0%	2009 – 100% 2010 – 100% 2011 – 100% 2012 - 100% 2013 – 100% 2014- 100%	Program meets expectation
<i>Every returned employer survey indicated the facility would hire future graduates of the IU Kokomo program</i>			

<p>5. Graduate satisfaction – On returned graduate survey, at least 80% will affirm that they were mostly or completely satisfied with the Radiography program.</p>	<p>Below expectation – Less than 80% of returned surveys indicate they are not satisfied or only somewhat satisfied with the radiography program</p>	<p>Meets expectations – 80% or greater of returned surveys indicate they would graduates were completely or mostly satisfied with the program</p>	
<p><i>Graduating classes 2009 – 2013</i> <i>All returned graduate surveys indicated that they were completely or mostly satisfied with the program. This was indicated as part of Goal #4 (4.2) in our program's assessment plan. 29 total returned surveys from 09 - 13</i></p>	<p>0%</p>	<p>2009 – 100% 2010 – 100% 2011 – 100% 2012 – 100% 2013 – 100% 2014 – 100% Average – 29/29 = 100%</p>	<p>Program meets this expectation</p>

Assessment of data for Program Effectiveness:

The IU Kokomo Radiography program meets or exceeds the JRCERT and/ or program benchmarks in all five program effectiveness categories.

1. ARRT Certification pass rate 1st time graduates: The program improved in its five year rolling average for pass rate of first time graduates. In the last five years all graduates took the ARRT certificate and passed on their first attempt.

The program believes two factors contribute to this:

- One factor is that the faculty are advocates in attempting to get graduates to take the ARRT Radiography certification exam within 30 days of graduation. We believe explaining statistics that the longer a student waits to take the examination, typically the lower the scores.
- Secondly, the faculty have adjusted some of their pedagogical efforts to increase critical thinking situations in both lectures and testing. We hoped this would help students be able to critical think some answers that may be more perplexing.

2. Job Placement Rate: Our job placement rate remains extremely high. We believe that having the majority of our graduate continue their education into a baccalaureate degree and eligible for multiple modality credentialing is the main reason for the 100% rate of job placements. The few students we have that do not continue their education, full time, were able to secure job openings in our area. The program has a very positive reputation with employers and our clinical affiliates appreciate the quality of our graduates.

3. Program Completion rate: The program completion rate has fluctuated over this five year rolling average (2010-2014). In 2013 our program completion rate fell to 75%, our base benchmark. The program attempted to assess why the drop of. We looked at many reasons, most of which lead to individual circumstances. However, we did find a trend in the number of students who applied who completed prerequisites at other colleges/ universities. There were two factors involved. One is the local Community College. Students take all but one prerequisite at this college. They take one course here that establishes an Indiana University Math /Science and over-all GPA. The University (like most other higher learning institutions) will transfer credits, but not GPA/ grades. Our Radiography Advisory Board approved beginning 2015 for prerequisites received from any other colleges / universities other than IU Kokomo to count only half as many points as those earned at IU Kokomo.

We hope this will also lead to invited students remaining in the program so we don't have to go as far down on the alternate list. Several students from Indiana University Indianapolis campus apply and then withdraw if they are selected at the Indianapolis campus. We certainly understand because for most of these students Indianapolis is much closer to their home.

The Indianapolis campus selects students after we do. We did not want to change our selection date due to scholarship awards at our campus have a deadline as well as registration for the following year. We want to help our students be eligible for scholarships and register in a timely manner.

A third factor is the increasing number of part-time students. We have not suggested any change in this area, but many other professional programs at our campus require students to go full-time prior to admission. We have considered the change but we don't want to change this factor at this time. The program wants to assess one change at a time.

4. Employer satisfaction: Our employer satisfaction returns remain extremely positive and as a result our graduates get and keep jobs. This is indicated in JRCERT effectiveness number 2.

5. Graduate satisfaction: Graduates seem to be happy with their experiences. We have tried to involve students more with professional organizations and opportunities to attend professional meetings. We think this is important in their preserved satisfaction. Graduating from the University on time, passing the ARRT credentialing examination and getting jobs or having success in a Bachelor degree program certainly contribute to the satisfaction rates.

The program has changed when we send out post graduate surveys. We began emailing the survey in October now instead of December in 2013. The change has allowed for greater returns than in the past. We also changed to October because the vast majority of our graduates continue their education in our Bachelor of Medical Imaging Technology (MIT) program. We wanted to move the emails away from December due to finals and activities surrounding finals week. Early October is fall break and allows us some early data to report to the Radiography Advisory Board meetings in late October.