**Sinclair Community College**

**Continuous Improvement Annual Update 2013-14**

**Please submit to your dean and the Provost’s Office no later than Oct. 1, 2013**

**Department:** 0678 – Radiologic Technology

Year of Last Program Review: FY 2008-2009

Year of Next Program Review: FY 2015-2016

**Section I: Department Trend Data, Interpretation, and Analysis**

**Degree and Certificate Completion Trend Data – OVERALL SUMMARY**

Please provide an interpretation and analysis of the Degree and Certificate Completion Trend Data (Raw Data is located in Appendix A*): i.e. What trends do you see in the above data? Are there internal or external factors that account for these trends? What are the implications for the department? What actions have the department taken that have influenced these trends? What strategies will the department implement as a result of this data?*

The RAT department is always working hard to improve program completion rates. As reported last year, in December 2011 the last Hocking College cohort graduated and in October 2012 the last B Track cohort graduated so the 2012-13 degree completion numbers were expected to be somewhat lower due to only having one (1) cohort of students each year. The department is hoping that once data is available for multiple years of single cohort the completion numbers will level out and hold steady. The Class of 2013 had an overall completion rate of 48%, which is much lower than the previous years. The Class of 2013 was the last group accepted under the old admission requirements and the only cohort accepted that year. Many of these students waited 3-4 years to enter the program. At the time the 2012-13 Annual Update was submitted last year, the Class of 2013 cohort was at a 55% retention rate and the potential low completion rate for this cohort and the detailed reasons were identified at that time. While the final completion rate was 48%, the department was encouraged that during the first two semesters (12/FA and 13/SP) this cohort only lost two (2) additional students in their second year of the program. The department also believes this group of students did not adapt well to the change to semesters, and they spent a lot of time voicing their objections to the program semester curriculum, course textbooks, etc. Honestly speaking, the department faculty members believe these students disadvantaged themselves a lot by spending energy on objecting to the curriculum instead of adjusting to it. The department feels very strongly that the semester curriculum is solid and that is evidenced by the current second-year students maneuvering well through their fall semester classes, labs and clinicals.

The program has done many things over the past several years to increase completion rates. The department changed the admission criteria to include a higher grade point average (increased to 2.5 from 2.25), a new required pre-requisite *Introduction to Radiologic Technology* course and a higher math pre-requisite course of *College Algebra*. These pre-requisite courses were added to the previous four (4) pre-requisite courses of *Medical Terminology, Anatomy and Physiology I, English Composition I, Introduction to Healthcare Delivery*. The department believes that the Introduction to Radiologic Technology course (RAT 1101) will play a big part in improving program completion as it educates students on the rigor of the program and on details about the profession and healthcare in general. For admitted students the department has made changes such as increasing the number of faculty monitored study/review sessions for students, opening the RAT lab for students to study in the evenings and on the weekends with 2nd year students working as lab assistants, changing the order of topics presented in some courses, adding/subtracting assignments after evaluating them the for validity, utilizing textbooks that have accompanying workbooks so students can have access to practice questions, and consistently working on improving student success.

In addition to the RAT.S.AAS degree program the department also offers a short term certificate in Special Medical Imaging (RAT.STC.) The RAT.STC, which is a post-graduation certificate, is only available to registered radiographers so it is not a certificate that can be completed prior to entering the degree program. Currently the certificate is set up to include three (3) advanced radiologic sciences modalities; Computed Tomography (CT), Magnetic Resonance Imaging (MRI) and Mammography (M). Since the semester conversion there have been no official RAT.STC graduates. This is due to the fact that one (1) of the three (3) modalities (Mammography) is currently inactive. There are many students who complete all of the didactic and clinical requirements for CT, MRI or both, but since completion of the Mammography courses is also needed for official RAT.STC completion there have been no graduates. In the upcoming year the department plans to separate out CT and MRI into individual short-term certificates so completion will be officially recognized by the college and the graduates of these certificates will have proof of completion on an official college transcript. With the help of the advisory board members the department will also evaluate the need and/or validity of offering Mammography as a short term certificate. Once advisory board input is received then the department will either create a Mammography short-term certificate or will remove it from department offerings and just have CT and MRI short-term certificates.

**Course Success Trend Data – OVERALL SUMMARY**

Please provide an interpretation and analysis of the Course Success Trend Data (Raw Data is located in Appendix A). Looking at the success rate data provided in the Appendix for each course, please discuss trends for high enrollment courses, courses used extensively by other departments, and courses where there have been substantial changes in success.

The fy 2012-13 course success rate is significantly lower than in previous years. The department believes the lower success rates are due mainly to the fact that in 2012-13 a total of six (6) sections of *Introduction to Radiologic Technology* (RAT 1101) were offered. This course has no pre-requisite and is a required pre-requisite course that must be completed with a grade of C or better in order for it to be applied to admission into the technical portion of the program. In 12/FA four (4) sections 77 students took the course with 54 successful for a grand 12/FA total of 70% success rate. Two (2) sections of the course were offered in 13/SP with 49 students taking the course and 24 successfully completing for a 49% success rate. The overall success rate for RAT 1101 during fy 2012-13 was 62% (78 out of 126 students were successful.)

Even though the RAT 1101 success rates lowered the overall department average for course success, when analyzing the numbers for all six (6) sections together the department feels positive about the 70% success rate in this course. This is especially encouraging considering the lack of any pre-requisites required to take the course. Beginning 13/FA the department decided to offer RAT 1101 in eight-week terms instead of full-terms, which will allow program faculty contact with the students two (2) days/week which hopefully will help keep interest and improve success. It will also allow students who miss the registration deadline for A/Full-Term to pick up the course in B-Term. Based on these changes the department will compare fy 2012-13 course success rates with those of fy 2013-14 and report data and analysis in next year’s annual update.

PHY 106 was identified in the 2012-13 Annual Update as a program technical curriculum course with traditionally low success rate. Even though that course had a PHY prefix it was a technical curriculum course that was restricted to RAT.AAS majors. Last year the department reported the course success rate had been increasing in PHY 106 over the previous 2-3 years, and that the semester course containing the PHY 106 concepts would be evaluated to see if the success rates improved. The semester course number that equates includes most of the PHY 106 concepts is RAT 1241. On the course success rate chart one (1) section of the course in 13/SP had 57.1% success, which the department believes is due to the fact that five (5) students in that section withdrew from the course in mid-semester, and another three (3) did not earn the required C grade or higher. The other section in 13/SP had a higher success rate of 95.5% so the overall course success rate for RAT 1241 was 78%. While the course success rate for RAT 1241 is a bit lower than the most recent year PHY 106 was offered (88%), the department is very confident that the semester course is set up adequately and the lower percentage is likely due to the fact that fewer students took RAT 1241 in 13/SP. The department also recognizes the high number of students that withdrew that semester for personal reasons, so the faculty members are looking forward to seeing the success rates when RAT 1241 is offered again in 14/SP.

Please provide any additional data and analysis that illustrates what is going on in the department (examples might include accreditation data, program data, benchmark data from national exams, course sequence completion, retention, demographic data, data on placement of graduates, graduate survey data, etc.)

The radiologic technology program was approved for a fy 2013-14 capital improvement project that includes new radiographic equipment, new flooring for the lab and new cabinetry for all rooms within the lab. The new x-ray equipment, new flooring and painted walls were completed in the x-ray lab just prior to the start of fall semester, 2013. Over the December 2013 break the remainder of the lab (two rooms) will be renovated and the new flooring will be carried throughout all three (3) rooms and all cabinets will be replaced, and the walls will be painted. The department faculty members are thrilled at all of the new equipment and upgrades to the lab and it can surely be said that once the entire project is completed the RAT lab will be state-of-the art, and will rival any program lab and/or hospital imaging room in this area. The students will now be educated on equipment that is very much like the equipment used in the clinical settings, and in most cases the Sinclair RAT lab equipment is much newer. The faculty members offer gratitude for all who have worked on this project and are extremely thankful to the college for recognizing that the previous lab was inadequate and helping the department get new equipment and other upgrades.

Regarding Q2S, the first year on semesters went well for the RAT department. The faculty members feel strongly that since each course is only offered one time/year not enough data has been collected and analyzed to make major changes to the overall curriculum. Some minor changes have been made within each course in hopes of improving the course flow. The department also decided to investigate using half terms for some courses in fy 2013-14. As previously mentioned, RAT 1101 is being offered in 13/FA and 14/SP exclusively as an eight (8) week term course. Within the technical curriculum, last year (12/FA) the second-year students had three (3) didactic/lab courses on Tuesdays and Thursdays and a three-day/week clinical practicum course on Mondays, Wednesdays and Fridays---all offered in the full term. In lieu of making major changes the department faculty members decided this year (13/FA) to offer all courses in the full term again, but two (2) of the courses are being offered as one day/week courses, which will eliminate the potential for overlap of tests and quizzes in these two courses on the same day. The third second-year course in 13/FA is still offered two days/week. As of this writing the students are doing well in all three didactic/lab courses and they are working very hard to complete their clinical requirements. Plans have been made to utilize a half-term for one (1) course in 14/SP with the other didactic and clinical courses remaining full-term. Other changes to the manner in which the courses are offered (one-day vs. two days/week, longer labs, etc.) are being evaluated for potential implementation next fall semester.

The department is also working on a faculty succession plan as one (1) seasoned faculty member is preparing to retire in 1-2 years. Faculty members are teaming up with the potential retiring faulty member to learn the course concepts he teaches, review lab materials, and in some cases are sitting in on the classes and labs and taking tests and quizzes. The department is very aware of the knowledge this person will take with him when he retires and everything possible is being done before he leaves to assure continuity in teaching the concepts of his classes and labs.

The Radiologic Technology Program 2012 graduates have a 97% pass rate on the first attempt on the American Registry of Radiologic Technologists’ (ARRT) certification exam in radiography. There were 34 total graduates between the two (2) 2012 cohorts. 32/33 students passed the ARRT exam on the first attempt. The non-passing graduate has yet to repeat the exam and the last 2012 graduate has not yet applied to take the exam. The program continues to monitor progress on the two (2) 2012 graduates who have not yet taken and/or passed the ARRT certification exam yet. In addition, there were 20 graduates in spring 2013. 18 of the 20 students have completed all program requirements and successfully passed the ARRT certification exam on the first attempt. The additional (2) students are completing their last course in 13/FA and are scheduled to take the ARRT certification exam in December, 2013. The department faculty members continue to be thrilled with the certification exam pass rate on the first attempt.

**Section II: Progress Since the Most Recent Review**

Below are the goals from Section IV part E of your last Program Review Self-Study. Describe progress or changes made toward meeting each goal over the last year.

|  |  |  |
| --- | --- | --- |
| **GOALS** | **Status** | **Progress or Rationale for No Longer Applicable** |
| The program plans a complete revision of the program mission and goals in the near future. Included in the revision process will be a review and possible revision of course content, student assignments/assessments, etc. Recent revisions to curriculum and admissions requirements will continue to be monitored for effectiveness. | In progress [ ] Completed [x] No longer applicable [ ]  | In the spring of 2013 the RAT faculty members completed a comprehensive revision of the program assessment plan including mission statement, goals, student learning outcomes and assessment methods. The department will continue to work on improving the assessment methods and the overall assessment plan and a portion of the RAT department learning day on 11/27/13 will be spent reviewing and analyzing assessment data collected in 13/SP & 13/FA.The department also successfully completed the Radiologic Technology Program accreditation interim report to the Joint Review Committee on Education in Radiologic Technology (JRCERT). The report was submitted on time in May 2013 and as of this writing the report has been reviewed by the JRCERT staff. An accreditation decision is scheduled to be made at the JRCERT Board meeting to be held in late October, 2013.  |

Below are the Recommendations for Action made by the review team. Describe the progress or changes made toward meeting each recommendation over the last year.

|  |  |  |
| --- | --- | --- |
| **RECOMMENDATIONS** | **Status** | **Progress or Rationale for No Longer Applicable** |
| The department is encouraged to consider implementation of the Life and Health Sciences Division’s Accelerated Admission for Academic Achievement (AAAA) policy which would allow them to admit a percentage of students in a more selective manner while maintaining access for others on the waiting list. This has the potential of improving retention.  | In progress [ ] Completed [ ] No longer applicable X | The department faculty members are happy with the changes made to the pre-requisite courses, minimum gpa requirement and overall admission requirements to the program and do not wish to consider implantation of the LHS AAAA policy. This was reported as no longer applicable in the fy 2012-13 report. |
| Analysis of retention data should include measuring the effects of the change in policy to limit the number of attempts of BIO courses. | In progress [ ] Completed [ ] No longer applicable X | This was reported as no longer applicable in the fy 2011-12 and fy 2012-13 reports. |
| The department is encouraged to develop a strategy for communicating with students on the waiting list regarding the current and projected need for radiologic technologists in the community. Communication of opportunities to complete additional course work that will transfer to a baccalaureate program while awaiting admission and other options could also be shared with these students in a systematic manner. | In progress [ ] Completed XNo longer applicable [ ]  | As was reported last year the department communication with incoming students has been greatly improved---specifically through the RAT 1101 course. The department chair offers regularly to meet with academic advising. Under the new admissions requirements students are waiting an average of 6-12 months to enter, so the historical long waiting list the program had in the past does not exist at this time. Many students are meeting the admission requirements in October or December and are entering the program the following August. Due to some students not accepting their position to start the program in this year’s cohort, many students that were accepted to start in fall 2014 were actually accepted a year earlier than anticipated. So the department feels very good about the very short waiting list at this time, and with the communication with the RAT.S.AAS-queue students and academic advising. This was reported as completed in fy 2012-13 report. |

**Section III: Assessment of General Education & Degree Program Outcomes**

The Program Outcomes for the degrees are listed below. **All program outcomes must be assessed at least once during the 5 year Program Review cycle, and assessment of program outcomes must occur each year**.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **General Education Outcomes** | To which degree(s) is this program outcome related? | Year assessed or to be assessed. | Assessment MethodsUsed | What were the assessment results? (Please provide brief summary data) |
| Critical Thinking/Problem Solving | All programs | **2012-2013** | 1. 1st year trauma case study
2. 1st year radiographic procedures II lab comps
3. 2nd year clinical procedure comps
4. 2nd year exposure problem-solving assignment
 | 1. *Benchmark NOT met. New measure on a new assignment. Assignment will be revised for next year and additional trauma instruction will be added to the didactic portion of this course.*
2. *Benchmark Met. New form was used for this measure. Image Analysis section has been expanded since last year to further evaluate student performance.*
3. *Benchmark Met. Faculty members are evaluating the validity of this measure—it may be revised/replaced for next cycle.*
4. *Benchmark NOT met. New assignment was used for this measure. Faculty members are already in the process of revising the assignment for next cycle.*
 |
| Values/Citizenship/Community | All programs | **2013-2014** |  |  |
| Computer Literacy | All programs | **2014-2015** |  |  |
| Information Literacy | All programs | **2015-2016** |  |  |
| Oral Communication | All programs | **2016-2017** |  |  |
| Written Communication | All programs | **2016-2017** |  |  |
|  |  |  |  |  |
| **Program Outcomes** | To which course(s) is this program outcome related? | Year assessed or to be assessed. | Assessment MethodsUsed | What were the assessment results? (Please provide brief summary data) |
| Demonstrate competence in the delivery of clinical practice with entry-level skills. | RAT 1111, 1212, 2413, 2514, 1121, 1222, 2423, 2543BIO 1121, BIO 1222 | Assessed annually. (Note, BIO courses are N/A here) | 1. 1st year radiographic procedures lab comps
2. 2nd year clinical comps-rad prot.
3. 2nd year clinical comps-pos.
4. 2nd year RAT 2543 Final Exam
5. 1st year lab radiographic patient communication assessment
6. 1st year clinical procedure comps
7. 2nd year clinical procedure comps
8. 1st year radiographic procedures I lab equipment comps
9. 1st year control panel practical skills assessment comps
10. 2nd year clinical performance review
11. 2nd year clinical procedure comps (#22)
 | 1. *Benchmark Met. Full series for each exam comp format was used and was very successful. Continue to evaluate new forms used for this measure.*
2. *Benchmark Met. New form was used for first time so faculty are evaluating potential revisions to form for 13/FA.*
3. *See #2*
4. *Benchmark Met. New measure. Exam results were compared with 12/FA data and improvement was shown for 13/SP students*
5. *Benchmark Met. Results were excellent for this class and were much higher than previous two classes. Will continue to monitor and revise assignment/form as needed.*
6. *Benchmark Met. Results were very good---consider increasing benchmark for next cycle.*
7. *Benchmark Met. Progressive benchmark shows improvement from first years to second years.*
8. *Benchmark Met. New measure. Will continue to evaluate assignment/form for next year*
9. *Benchmark Met. New measure. Will continue to evaluate the validity of this assignment for next assessment cycle.*
10. *Benchmark Met. New measure. Will continue to measure one more cycle to evaluate validity.*
11. *Benchmark Met. Continuing measure on a new form. Results very good, will continue to evaluate the validity of the measure in next cycle.*
 |
| Demonstrate critical thinking and problem-solving skills. | RAT 1111, 1212, 2413, 2514, 1121, 1222, 2423, 1241, 2442, 2543, 2526, 2415, MAT 1470  | Assessed annually. | See above |  |
| Demonstrate professional and ethical attitudes and behaviors. | RAT 1101, 1131, 2526, 1111, 1212, 2514, 2415, ALH 1101, PSY 1100 or SOC 1101, OTM Arts & Humanities Elective | Assessed annually. | 1. 1st year clinical procedure comps
2. 2nd year clinical procedure comps
3. 2nd year capstone ethical assignment
4. 2nd year capstone cont. prof. develop. assignment
 | 1. *Benchmark Met. Will measure next year with existing forms and re-evaluate.*
2. *Benchmark Met. New form was used for first year students. Progressive benchmark will be evaluated again in next cycle using the same form for both years.*
3. *Benchmark Met. Program faculty evaluating an increase in benchmark for next cycle.*
4. *Benchmark Met. New measure, new assignment. Will be re-evaluated for potential revision in next cycle.*
 |
| Demonstrate effective communication. | RAT 1131, 1111, 1212, 2413, 2514, 2526, ENG 1101, HIM 1101, COM 2206/2211 | Assessed annually. | 1. 1st year ethical case present.
2. 2nd year imaging modality group presentation
3. 2nd year clinical final assess.
4. 1st year trauma case study group project
5. 2nd year imaging modality group presentation
6. 1st year patient comm. practical skills assessment
7. 2nd year clinical performance review
8. 2nd year clinical final assess.
 | 1. *Benchmark Met. Results very good for this measure. Will continue to evaluate assignment next cycle with potential revisions in the future.*
2. *Benchmark NOT Met. New measure, new assignment. Will continue to measure for next cycle with possible revisions at that time.*
3. *Benchmark Met. New form. Will measure again in next cycle with possible revisions at that time.*
4. *Benchmark NOT Met. New measure on a new assignment. Will continue to measure and assignment will be revised for next cycle.*
5. *Benchmark NOT Met. New measure, new assignment. Faculty will clarify instructions and revise assignment as needed for next cycle.*
6. *Benchmark Met. New measure, new assignment. Class average was just above 80% so there is room for improvement. Measure will be evaluated for next year to get comparative data.*
7. *Benchmark Met. New measure, new form. Will continue to measure next year to get comparative data.*
8. *Benchmark Met. Assignment/form set to be revised for next cycle.*
 |

**General Education Outcomes**

1. Are changes planned as a result of the assessment of general education outcomes? If so, what are those changes?

No specific general education changes are planned at this time but they will be made as necessary based on assessment results, faculty/student/advisory board input, etc.

1. How will you determine whether those changes had an impact?

Through the Radiologic Technology Program’s normal outcomes assessment process, which is directly tied into the Joint Review Committee on Education in Radiologic Technology’s (JRCERT) programmatic accreditation requirements.

**Program Outcomes**

1. Are changes planned as a result of the assessment of program outcomes? If so, what are those changes?

As reported last year the program’s entire assessment plan was revised. The deadline (May 1, 2013) set by the faculty members was met and the new plan, data and analysis was submitted as part of the Accreditation Interim Report to the Joint Review Committee on Education in Radiologic Technology (JRCERT) in late May, 2013. During the next year the program will continue to work on form revisions, assignment revisions, altering assignments, etc. as dictated by the data analysis.

1. How will you determine whether those changes had an impact?

This process of outcomes assessment is on-going throughout the entire year, every year so the faculty members will continue to work on analyzing results and revising as needed.

**Improvement Efforts**

1. What were the results of changes that were planned in the last Annual Update? Are further changes needed based on these results?

The department is anxiously awaiting the results of the JRCERT Board vote on the Interim Report submitted in May, 2013. Any recommendations that come from the JRCERT Board the RAT faculty members will address them immediately.

1. Are there any other improvement efforts that have not been discussed in this Annual Update submission?

The department has several items of improvement planned for the remainder of fy 2013-14:

1. As previously mentioned, the department plans to separate out each modality within the Special Medical Imaging short-term certificate (RAT.STC). Creating STC’s for each modality will allow the department and college to better track student completion of one or more modalities and it will also provide students with official documentation of completion their college transcript.
2. The department will continue to evaluate the semester curriculum and determine how courses should be offered (full vs. half term.) Changes will be made accordingly.
3. The recently revised assessment plan and measures will continue to be revised; data will be collected and analyzed for continuous improvement of the program and student learning outcomes.
4. Due to the changing nature of healthcare at this time, many hospitals and imaging centers are reducing and or eliminating staff, which is currently very close to affecting the adequate supervision of radiologic technology program students while they are in clinicals. Supervision of students within the clinical setting is a critical objective in the JRCERT Accreditation Standards and the program must maintain at least a 1:1 ratio of students to radiographers at all times. Based on the current situation the department will investigate the possibility of initiating contracts with additional clinical education settings in hopes of avoiding supervision issues. The Radiologic Technology Program already shares two (2) clinical sites with the Radiography Program at Kettering College.

Due to the close proximity of Kettering to Sinclair, and based on the fact that Kettering already has contracts with many of the hospitals and imaging centers in the area, the addition of more clinical sites may be a challenge. If the trend of reducing staff continues, and if the department is unable to secure additional clinical sites due to existing contracts with other programs, then a reduction in the overall number of students accepted into the program will have to be seriously considered. This will only be done as a last resort and only if the accreditation requirement for supervision of students in the clinical setting continues to be threatened by the current staffing issues in the clinical education settings.
5. The department will evaluate increasing the use of e-textbooks in conjunction with print textbooks and when necessary will make changes. This evaluation will also include a review of the printed materials and electronic resources available to students in the RAT lab.
6. After completion of phase two of the RAT lab (3341) renovation the faculty will begin a comprehensive review of all student resources. Once a list of materials that need updating or replacement is created it will be prioritized and items will be purchased as the RAT department budget allows.

**APPENDIX – PROGRAM COMPLETION AND SUCCESS RATE DATA**

**Degree and Certificate Completion**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Division | Department | Department Name | Program | FY 07-08 | FY 08-09 | FY 09-10 | FY 10-11 | FY 11-12 | FY 12-13 |
| LHS | 0678 | Radiologic Technology | GEC.STC | . | 126 | 285 | 301 | 400 | 173 |
| LHS | 0678 | Radiologic Technology | RAT.AAS | 54 | 50 | 49 | 35 | 57 | 17 |
| LHS | 0678 | Radiologic Technology | RAT.S.AAS | . | . | . | . | . | 18 |

**Course Success Rates**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Department** | **Department Name** | **Course** | **FY 07-08** | **FY 08-09** | **FY 09-10** | **FY 10-11** | **FY 11-12** | **FY 12-13** |
| 0678 | Radiologic Technology | RAT-104 | 73.3% | . | . | . | . | . |
| 0678 | Radiologic Technology | RAT-105 | . | . | . | . | . | . |
| 0678 | Radiologic Technology | RAT-1101 | . | . | . | . | . | 61.9% |
| 0678 | Radiologic Technology | RAT-111 | 90.8% | 93.8% | 95.8% | 85.7% | 84.4% | . |
| 0678 | Radiologic Technology | RAT-1111 | . | . | . | . | . | 97.6% |
| 0678 | Radiologic Technology | RAT-112 | 96.6% | 96.6% | 98.2% | 92.3% | 97.7% | . |
| 0678 | Radiologic Technology | RAT-1121 | . | . | . | . | . | 95.3% |
| 0678 | Radiologic Technology | RAT-1127 | . | . | . | . | . | . |
| 0678 | Radiologic Technology | RAT-1131 | . | . | . | . | . | 97.7% |
| 0678 | Radiologic Technology | RAT-121 | 84.0% | 91.6% | 91.4% | 89.8% | 88.1% | . |
| 0678 | Radiologic Technology | RAT-1212 | . | . | . | . | . | 87.8% |
| 0678 | Radiologic Technology | RAT-122 | 79.0% | 88.3% | 85.5% | 80.4% | 80.0% | . |
| 0678 | Radiologic Technology | RAT-1222 | . | . | . | . | . | 73.2% |
| 0678 | Radiologic Technology | RAT-1228 | . | . | . | . | . | . |
| 0678 | Radiologic Technology | RAT-123 | 89.7% | 95.2% | 88.1% | 94.7% | 97.6% | . |
| 0678 | Radiologic Technology | RAT-1241 | . | . | . | . | . | 76.7% |
| 0678 | Radiologic Technology | RAT-1247 | . | . | . | . | . | . |
| 0678 | Radiologic Technology | RAT-127 | . | . | . | . | . | . |
| 0678 | Radiologic Technology | RAT-128 | . | . | . | . | . | . |
| 0678 | Radiologic Technology | RAT-129 | . | . | . | . | . | . |
| 0678 | Radiologic Technology | RAT-130 | . | 88.1% | 89.7% | 84.3% | 81.0% | . |
| 0678 | Radiologic Technology | RAT-131 | 80.2% | 89.4% | 87.0% | 82.7% | 86.0% | . |
| 0678 | Radiologic Technology | RAT-132 | 91.8% | 97.3% | 98.3% | 90.2% | 84.4% | . |
| 0678 | Radiologic Technology | RAT-137 | . | . | . | . | . | . |
| 0678 | Radiologic Technology | RAT-199 | 95.0% | 97.6% | 100.0% | 100.0% | 100.0% | . |
| 0678 | Radiologic Technology | RAT-212 | 100.0% | 97.7% | 100.0% | 96.2% | 100.0% | . |
| 0678 | Radiologic Technology | RAT-213 | 98.3% | 97.5% | 98.2% | 100.0% | 97.1% | . |
| 0678 | Radiologic Technology | RAT-214 | 100.0% | 100.0% | 100.0% | 100.0% | 98.0% | . |
| 0678 | Radiologic Technology | RAT-215 | 91.9% | 97.9% | 100.0% | 100.0% | 92.0% | . |
| 0678 | Radiologic Technology | RAT-218 | 100.0% | 97.7% | 100.0% | 96.2% | 100.0% | . |
| 0678 | Radiologic Technology | RAT-219 | 88.1% | 83.7% | 93.2% | 94.5% | 91.9% | . |
| 0678 | Radiologic Technology | RAT-222 | 100.0% | 97.7% | 100.0% | 88.9% | 94.7% | . |
| 0678 | Radiologic Technology | RAT-226 | 100.0% | 100.0% | 98.0% | 100.0% | 100.0% | . |
| 0678 | Radiologic Technology | RAT-227 | . | . | . | . | . | . |
| 0678 | Radiologic Technology | RAT-229 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | . |
| 0678 | Radiologic Technology | RAT-2297 | . | . | . | . | . | 100.0% |
| 0678 | Radiologic Technology | RAT-231 | 93.4% | 88.6% | 93.2% | 89.1% | 86.8% | . |
| 0678 | Radiologic Technology | RAT-232 | 100.0% | 100.0% | 98.0% | 100.0% | 100.0% | . |
| 0678 | Radiologic Technology | RAT-240 | 57.1% | 93.3% | 89.5% | 91.3% | 100.0% | 100.0% |
| 0678 | Radiologic Technology | RAT-241 | 100.0% | 84.6% | 95.7% | 90.5% | 100.0% | . |
| 0678 | Radiologic Technology | RAT-2413 | . | . | . | . | . | 91.3% |
| 0678 | Radiologic Technology | RAT-2415 | . | . | . | . | . | 80.0% |
| 0678 | Radiologic Technology | RAT-2423 | . | . | . | . | . | 87.0% |
| 0678 | Radiologic Technology | RAT-243 | 76.2% | 76.0% | 77.3% | 69.2% | 84.6% | . |
| 0678 | Radiologic Technology | RAT-244 | 71.4% | 100.0% | 92.9% | 100.0% | 100.0% | 100.0% |
| 0678 | Radiologic Technology | RAT-2442 | . | . | . | . | . | 95.7% |
| 0678 | Radiologic Technology | RAT-2448 | . | . | . | . | . | . |
| 0678 | Radiologic Technology | RAT-245 | 94.1% | 95.8% | 96.9% | 85.0% | 95.0% | 100.0% |
| 0678 | Radiologic Technology | RAT-2514 | . | . | . | . | . | 100.0% |
| 0678 | Radiologic Technology | RAT-2526 | . | . | . | . | . | 100.0% |
| 0678 | Radiologic Technology | RAT-2543 | . | . | . | . | . | 95.2% |
| 0678 | Radiologic Technology | RAT-261 | 87.5% | 100.0% | 100.0% | . | 100.0% | . |
| 0678 | Radiologic Technology | RAT-2640 | . | . | . | . | . | 100.0% |
| 0678 | Radiologic Technology | RAT-2641 | . | . | . | . | . | 78.9% |
| 0678 | Radiologic Technology | RAT-2643 | . | . | . | . | . | 33.3% |
| 0678 | Radiologic Technology | RAT-2644 | . | . | . | . | . | 100.0% |
| 0678 | Radiologic Technology | RAT-2645 | . | . | . | . | . | 88.2% |
| 0678 | Radiologic Technology | RAT-265 | 80.0% | 92.3% | . | . | 100.0% | . |
| 0678 | Radiologic Technology | RAT-297 | . | . | . | . | 82.0% | . |
| 0678 | Radiologic Technology | RAT-9214 | . | . | . | . | . | 100.0% |
| 0678 | Radiologic Technology | RAT-9226 | . | . | . | . | . | 100.0% |
| 0678 | Radiologic Technology | RAT-9229 | . | . | . | . | . | 100.0% |
| 0678 | Radiologic Technology | RAT-9232 | . | . | . | . | . | 100.0% |