



Comprehensive Program Review 2022

Program Name: Radiography

Semesters Reviewed:

AY 2020: Fall 2019, Spring 2020, and Summer 2020

AY 2021: Fall 2020, Spring 2021, and Summer 2021

AY 2022: Fall 2021, Spring 2022, and Summer 2022

Completed by: L. Gale Brown, Ashley Moore, and Tammy Kimrey

Date: 2-1-2023

Assessment Committee Recommendations:

The committee agrees with the Program Vitality Statement—Category 1: Potential Enhancement Opportunities.

President's Council Recommendation:

Council agrees with the Assessment Committee's recommendation of Category 1.

1.0 Program Summary

Provide a descriptive summary of the program.

Narrative:

The Labette Community College Radiography Program is a 23-month program leading to an Associate Degree in Applied Science. The program is monitored through accreditation by the Joint Review Committee on Education in Radiologic Technology (JRCERT). The standards for educational programs are stated in a document entitled "Standards for an Accredited Educational Program in Radiology." The curriculum is designed to assure quality patient care, to meet the needs of an ever-changing technical health care field, and to develop professional responsibility. The didactic curriculum and clinical experience are both integral parts of the student's training.

The Radiography program at Labette Community College prepares students to become qualified entry-level radiographers and meet the health care needs of Southeast Kansas and surrounding service areas. The program has established 14 clinical affiliation agreements with medical facilities in Kansas, Missouri and Oklahoma where the student gains hands-on experience working in the various clinical settings.

Students interested in the Radiologic Technology Program are admitted to Labette Community College on the same basis as other students, but admission to the college does not ensure admission into the Radiologic Technology Program. Selection and acceptance into the Radiography Program is based on criteria established by the department, and individuals interested in applying to the program can learn more about the application process by viewing the application on the [Radiography Program website](#).

The number of applicants selected annually is dependent on clinical setting availability due to the maximum student capacity regulated by the accreditation agency. The program requires applicants to successfully complete 17 credit hours of general education coursework: English Composition I, English Composition II or Public Speaking, General or Developmental Psychology, Anatomy and Physiology, and College Algebra with a letter grade of "C" or higher prior to the entry into the program

The majority of didactic courses are taught on the main LCC campus in the Zetmeir Health Science building where students are taught by two full-time and one part-time, well-qualified and experienced faculty members. Program staff are required to follow the American Society of Radiologic Technologists (ASRT) Curricula and Educational Radiography Curriculum framework and the American Registry of Radiologic Technologists (ARRT) Didactic and Clinical Competency requirements. In January 2021, the ARRT curriculum was revised and the program began implementing these changes as of January 1, 2022 and now program staff are making the appropriate curriculum changes to comply with the most recent adopted JRCERT curriculum.

All students rotate to two different hospitals during their clinical training, this is to ensure they will have the opportunity to complete all required ARRT clinical procedures in the following sections; 10 mandatory general patient care procedures, 36 mandatory imaging procedures, and 15 elective procedures. They attend clinical training two days per week for 10 hours per day which equates to a total of 1,456 hours of hands-on clinical training experience.

After successful completion of the two-year curriculum the student is awarded an Associate in Applied Science degree in Radiography and they are recommended to take the National Radiographer Examination administered by the American Registry of Radiologic Technologists (ARRT). In addition, many states, including Kansas, require graduates to hold a license to practice radiography by the Kansas State Board of Healing Arts.

Students are also encouraged to consider continuing their education in other specialty areas: Computed Tomography, Mammography, Magnetic Resonance Imaging, Cardiovascular Intervention, and Sonography which these are only a small portion of specialty areas available. It is important to note that students can also obtain higher educational degrees for career advancement in administration, educating future radiologic technologists, or even a radiologist assistant.

2.0 Student Success

Provide a definition of how student success is defined by the program.

Narrative:

The Radiography Program is committed to providing maximum opportunities at each level of achievement, encouraging the development of problem solving and decision-making skills, promoting effective communication skills, and employing competent technical practices that will support the highest level of ethical patient care. Additionally, the program at LCC is committed to supporting professional growth, lifelong learning, and graduating entry-level radiologic technologists. The program defines student success by preparing their graduates to successfully pass their national certification examination on their first attempt with a minimum score of 75% in order obtain credentials needed to seek employment in the field. The Program Director and Faculty review their annual student learning outcome data to promote student success and maintain and improve our student learning outcomes.

2.1 Achieve/Promote Student Success

Describe how the program achieves and promotes student success. Focus on those activities and innovation that are within the three-year comprehensive cycle.

Narrative:

The Radiography Program completes an annual assessment plan designed to improve student learning and the educational quality of our program. The plan includes five goals that evaluate clinical competency, critical thinking and problem solving, effective communication, professional growth and development and graduating entry-level radiologic technologists. Also included in the plan includes student learning outcomes, measurement tools, benchmarks, timeframes for the assessment and collection of data and the parties responsible for the collection of data. Each year the data is compiled and assessed by the program director and faculty, then an action plan is composed for each student learning outcomes that the program did not meet the established benchmark. The program analyzes student learning outcome data and program effectiveness data at the annual fall advisory meeting with the advisory board and program changes are made accordingly. Then finally, the program's annual assessment plan and action plan is submitted to the JRCERT for annual review.

Beginning in the Spring of 2020, the program began additional interventional activities and tutoring strategies to help students overcome academic challenges. Performance Improvement Counseling Plan and the Student Comprehensive Exam Review Day with program faculty, and the "dedicated study day, Thursday" during finals week are just a few proactive activities that have since been implemented as means to retain students in the program in order to increase the program's completion rate. The program has also recognized an increase in the number of their students facing more financial, social and emotional issues which also impacts retaining them in the program. In Fall 2022, the program changed their academic and clinical course schedules so program students would have a day off for self-care along with providing them an additional day to seek

tutoring assistance from their professors. As the program continues to collect and analyze their retention data, the program staff have discussed decreasing their higher grading scale as an additional attempt to increase their retention rates. Program staff recognize a significant number of students are dismissed from their program because of academic failures including failing to pass their Comprehensive Examination within their two attempts. Each time the program staff and their Advisory Committee members discuss decreasing their grading scale, the committee members vote against making a grading scale change. One reason provided is members associate the higher grading scale with graduates' success on passing their national certification examination on their first attempt along with these students are earning higher test score averages than graduates from surrounding programs in Kansas, surrounding states and nationally. Also, they stress program graduates are sought after for job employment and this could impact the quality of graduates the program produces annually.

The program's retention efforts for the upcoming year is focusing on increasing student success with passing their end-of-the-semester, comprehensive examinations on their first attempt. Prior to students taking their comprehensive examination, the program faculty host a Comprehensive Review Day where all students meet with the faculty members to go over didactic content they feel they need help with. Another strategy being implemented is that nothing is being scheduled on the Thursday of finals week so students can use this day as a dedicated study for their comprehensive exam the following day. If a student is unsuccessful passing their exam on their first attempt, they are to schedule a one-on-one remediation session with the Program Director. Since the retake examination is not scheduled until the following Monday after Finals Week, they have an additional two days (Saturday & Sunday), to prepare for their retake examination.

If a student's didactic course grade drops below the acceptable 86% benchmark, the instructor immediately counsels and remediates with the student and they compose an improvement plan with the student. The faculty member will continue to monitor the students' progress and continue tutoring the student until they resolve their academic struggles. To demonstrate the program's commitment for student success and promote transparency, the Remediation Counseling and Tutoring Statement was added to each course syllabi, the program handbook, and to the Program's Condition of Acceptance (#10) to inform our incoming and current students. The program staff are also stakeholders and committed to their success. Program staff utilize the Early Alert System. LCC Faculty/Staff directs students to contact the American Disability Act (ADA) compliance officer by telephone or by email. This person will coordinate support services that assist students with physical, sensory, attention deficit and learning disabilities to provide an equal opportunity in learning endeavors, educational achievements and be a contributing member of society. Faculty and staff do informal counseling with students who present with a multitude of emotional issues and if the student's needs are out of the scope of practice of the faculty member then the student will be directed to the Case Manager/Advising/Counseling center. Students may experience issues of anxiety or stress as a result of balancing radiography school, family, and work obligations.

Content of the Radiography Assessment Plan Outcomes & Student Learning Outcomes (SLO)

Goal #1: Student will be clinically competent.

Student Learning Outcomes:

- The student will demonstrate proper positioning skills.
- The student will demonstrate proper image quality—technical factor selection.
- The student will demonstrate proper radiation protection.
- The student will successfully complete all required patient care clinical competency checklists.

Goal #2: Student will communicate effectively.

Student Learning Outcomes:

- The student will be able to communicate effectively and in a professional manner.
- The student will abide by the code of ethics for a Radiographer.

Goal #3: Student will use critical thinking and problem-solving skills.

Student Learning Outcomes:

- The student will abide by the code of ethics for a Radiographer.
- The student will be able to solve technical conversion problems.
- The student will be able to critique radiographic images for proper positioning, anatomy, and technical factors.
- The student will be able to perform a critical image analysis at their clinical site.
- The student will be able to apply problem solving skills and critical thinking skills.

Goal #4: Students will evaluate the importance of professional growth and development.

Student Learning Outcomes:

- The student will abide by the code of ethics for a Radiographer.
- The students will be members of the Kansas State Radiologic Technology Society.
- The students will attend and participate in a professional meeting.
- The student will complete a professional project.
- The student will complete a research paper on an imaging modality.

Goal #5: The program will graduate entry-level radiologic technologists.

Student Learning Outcomes:

- Graduates will be clinically competent.
- Graduates will complete the clinical competencies as directed by the ARRT
- Graduates will pass the ARRT certification examination.
- Graduates are adequately prepared to perform as entry-level radiographers.
- Graduates within 6-months of graduation will be able to find employment as a radiographer.
- Solicit feedback from other communities of interest.
- Solicit feedback from program graduates.

*Program Effectiveness data is distributed electronically to the general public through the Program Effectiveness Data tab found under the Program Information on the [LCC Radiography Program Website](#)

Graduates will complete the program as an entry-level radiologic technologist. Program effectiveness data benchmarks for measuring student learning is outlined in the program’s student learning tools for Program Goal #5: certification pass rate, job placement rate, and program completion rate.

Credentialing examination pass rate is defined as the number of student graduates who pass, on first attempt, the American Registry of Radiologic Technologists (ARRT) certification examination or an unrestricted state licensing examination compared with the number of graduates who take the examination within six months of graduation. The JRCERT requires each program to have a five-year average benchmark of 75%. In 2021, 100% of the graduates passed their national certification examination on their first attempt and a 100% five-year average.

Credentialing Examination Rate	Number passed on 1st attempt divide by number attempted within 6-months of graduation.
Year	Results
Year 1 – 2017	17 of 17 - 100%
Year 2 – 2018	12 of 12 - 100%
Year 3 – 2019	9 of 9 - 100%
Year 4 – 2020	12 of 12 - 100%
Year 5 – 2021	10 of 10 - 100%
Program 5-Year Average	60 of 60 - 100%
**2022 – 12 of 12 – 100%	

Job placement rate is defined as the number of graduates employed in the radiologic sciences compared to the number of graduates actively seeking employment in the radiologic sciences within twelve months of graduating. The JRCERT requires each program to have a five-year average benchmark of 75%. In 2021, 100% of the graduates passed their national certification examination on their first attempt and a 100% five-year average.

Job Placement Rate	Number employed divided by number actively seeking employment within 12-months of graduation.
Year	Results
Year 1 – 2017	17 of 17 - 100%
Year 2 – 2018	11 of 11 - 100%
Year 3 – 2019	9 of 9 - 100%
Year 4 – 2020	12 of 12 - 100%
Year 5 – 2021	10 of 10 - 100%

Program 5-Year Average

59 of 59 - 100%

**2022 – 12 of 12 – 100%

Program completion rate is defined as the number of students who complete the program within the stated program length. The program specifies the entry point (e.g., required orientation date, final drop/add date, final date to drop with 100% tuition refund, official class roster date, etc.) used in calculating the program’s completion rate. When calculating the total number of students enrolled in the program (denominator), programs need not consider students who attrite due to nonacademic reasons such as: 1) financial, medical/mental health, or family reasons, 2) military deployment, 3) a change in major/course of study, and/or 4) other reasons an institution may classify as a nonacademic withdrawal. The program established an annual program completion rate of 75% and the program had an PCR benchmark of 62.5% in 2021.

Program Completion Rate (PCR)	Number graduated divided by number started the program.
Year	Results
Year 1 – 2021	10 of 16
Annual Completion Rate	62.5 %

3.0 Reflection on Current Curriculum

Please describe curriculum holistically, speaking specifically to the breadth, depth, and level of the discipline. Additionally, provide narrative on the coherence of the curriculum and the processes by which the program updates and keeps curriculum relevant.

Narrative:

Program curriculum must align the JRCERT adopted curriculum. As outlined in the JRCERT's Standard Four; Objective 4.3: "The program provides a well-structured curriculum that prepares students to practice in the professional discipline and the program is to ensure a well-structured curriculum is comprehensive, current, appropriately sequenced, and provide for evaluation of student achievement." The JRCERT recognized and adopted curriculum follows the latest American Society of Radiologic Technologists (ASRT) professional curriculum and other professional curriculum adopted by the JRCERT Board of Directors following review and recommendation by the JRCERT Standards Committee. The ASRT updates and revises its curricula on a five-year cycle and the most recent adoption process was completed in 2022 and these curricula changes must be completed by September 1, 2023. Program staff are also required to align their didactic and clinical competency curriculum according to the American Registry of Radiologic Technologists (ARRT) to meet the Professional Education Requirements specific to the radiography discipline and their last revision occurred in January 2022. The Program director, faculty, and their Advisory committee strive to maintain curriculum that promotes qualities necessary for student and graduates to practice competently, make ethical decisions, assess situations, provide appropriate patient care, communicate effectively, critically think and advocate for professional growth.

To promote program effectiveness, each faculty member has students complete a course evaluation at the end of each semester as part of the program's outcome assessment plan. These assessment tools are used to evaluate teaching effectiveness and assist the instructor with identifying if changes or adjustments are needed to promote teaching innovation and/or course improvement. Then program staff meet regularly to evaluate their outcome assessment plan and they discuss how student learning outcomes are being met.

**The program's curriculum is required to follow the 2022 ARRT Didactic and Clinical Competency Requirement, the 2022 ARRT Examination Requirements and the ASRT Radiography Curriculum. All program curriculum framework is mapped with the 2022 JRCERT Radiography Curriculum Analysis Grid.

3.1 Degrees and Certificate Offerings

List what degrees and certificates are offered and describe how the program curriculum supports other degrees and certificates awarded by the college (if applicable).

Narrative: Graduation Requirements for the Associate in Applied Science degree in Radiography: The Associate of Science Degree is awarded upon satisfactory completion of seventy-eight (78) credit hours of didactic and clinical coursework with a minimum grade point average of 2.0 in the following course of study:

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<p>Labette Community College offers a 23-month program in Radiography leading to an Associate Degree in Applied Science. The program prepares students for an entry-level career in radiography in which administering x-ray exams to individuals in the hospital, urgent care, physician office or other clinical settings.</p> <p>Credits Required: 78</p> <p>Major Advisor: Gale Brown 620-820-1159 galeb@labette.edu</p> <p>Accreditation The program is monitored through accreditation by Joint Review Committee on Education in Radiologic Technology (JRCERT). www.jrcert.org</p> <p>Requirements Students interested in the Radiography Program can be admitted to the College on the same basis as other students, but admission to the College does not ensure admission into the Radiography Program. Acceptance into the Radiography Program is based on the criteria established by the department. CPR for Healthcare Providers Certification is required prior to attending clinical training. Additional information can be found the program's website: http://www.labette.edu/radiography or by contacting the Health Science Programs' Administrative Assistant.</p> <p>Recommended Course Sequence All General Education courses that satisfy the Associate in Applied Science Degree in Radiography should be completed prior to review and selection.</p> <p>Student Organization Students enrolled in the Radiography Program are members of the Radiography Club. Our radiography students work together for the purpose of evaluating the quality of patient care and promote the art and science of radiological technology. Our students are encouraged to actively participate in professional conferences and service-learning projects.</p> <p>After Graduation After successful completion of the two-year curriculum the student is awarded an A.A.S. Degree in Radiography and they are recommended to take the National Radiographer Examination administered by the American Registry of Radiologic Technologists. Students are also encouraged to consider continuing their education in other specialty areas: Sonography, Computed Tomography, Mammography, Magnetic Resonance Imaging, which these are only a small portion of specialty areas available. 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Social & Behavioral Sciences																																																																																																																																																							
<input type="checkbox"/>	PSYC 101	General Psychology	3																																																																																																																																																				

To assist graduates with completing 16 hours of structured educational requirements needed for obtaining a post-primary eligibility pathway credential in Computed Tomography soon after graduation, the Program Director has submitted their two Computed Tomography courses; RADI 127 and RADI 221 to the American Registry of Radiologic Technologists (ARRT) for continuing educational credit approval.

As of April 1, 2023, these two CT courses were submitted and approved by our professional national credentialing agency as continuing educational credits by the ARRT to provide our graduates an exceptional opportunity to earn their post-primary credential in CT promptly after graduating our program. These courses will need to be reviewed and revised by the program director/ faculty and reapproved by the ARRT by July 31, 2025 in order to continue providing this service for our graduates.

4.0 Faculty Success

Faculty success over the three-year comprehensive cycle should be highlighted in this section. The accomplishments can embrace academic achievement in the discipline, national or regional honors, campus activities that support student success, or other innovations, research, teaching, and community service.

Narrative:

2018 - Current

L. Gale Brown, Ed S., L RT (R)(CT)

- Attended the last four annual Kansas Society of Radiologic Technologist annual conferences and topics to include;
 - a. 2018 conference was in Manhattan Kansas-April 5-6, 2018; Bioidentical Hormone Replacement Therapy for Men and Women, Basic Overviews of Pacemakers and High Electricity Devices, How a Trauma Informed Care Perspective Helps, Paradigm Shift-Value Based Care in the Imaging Department Operations, Interviewing Techniques, & Century of the Systems.
 - b. 2019 conference was in Wichita Kansas – March 29, 2019; (2020 conference cancelled due to pandemic) Leadership Development and Radiologic Technologies, Human Trafficking in Healthcare Setting, Inspection Procedures, Proactive Strategies to Help Imaging Departments, Key Concepts for Effective Leadership, & The Radiologist Assistant.
 - c. 2021 conference was held via webinar due to COVID on March 26-27, 2021; Voices from the Frontline, Palliative Care in Radiation Therapy, Hocus Pocus: Seeing is Believing, Correlative Imaging of the emergency Appendix, Pediatric Imaging in Medical Imaging, Innovations in Breast Imaging, Art of Self-Discipline, Gastrointestinal Stromal Tumors, & Legislation and the RT.
 - d. 2022 conference was held in Lawrence, KS on March 30 – April 1, 2022 which I served also as the President-Elect for the KSRT Board. COVID's Impact on Teaching and Learning, Acute Ischemic Stroke Imaging, Key Concepts of Patient Safety in Radiation Oncology, Communication in Healthcare, Employment Outlook in the Field of Radiology, AI at the Point of Care, & Burnout Among Healthcare Workers.
 - e. 2023 conference was held in Hays, KS on March 30-April 1st, 2023 and all program staff including all 2nd year students attended the conference. Gale Brown served as the President of the KSRT Board this fiscal year and she serves on KSRT Executive Board and as the Past-President for the 2024 upcoming year.
- May 4, 2021: Attended the JRCERT Accreditation webinar& Outcome Assessment webinar.
- Actively participates in the Monday Morning Mentoring webinars that LCC Administration offers covering variety topics related to online teaching techniques, utilizing technology in the classroom, and teaching strategies for asynchronous and synchronous classroom delivery and provides different topics related to techniques for engaging students in the classroom setting.

- April 2021 & 2022: Hosted Warren Wiebe, Deputy General Counsel of the Kansas State Department of Healing Arts to speak to our May Graduates about the application process for obtaining their Radiologic Technologist Kansas licensure.
- March 3 – 6, 2018 attended the 28th Atlanta Student & Educator Conference in Atlanta, Georgia: Crucial Connections Between Radiologic Technology Program Staff and Clinical Setting RTs and Clinical Instructors, Revised Standards – What’s New for 2018 Part 1 & Part 2, Supporting Clinical Education: A Departmental Directors Perspective, Integrating Informatics in the Patient Care Classroom, & Teaching CT Basics (*CE Proof of Attendance Record available for all courses attended.)
- February 5 -8, 2019 attended the West Coast Student & Educator’s Conference in Orlando, Florida: Incivility: Students and Faculty Behavior, Creating an Effective Learning Environment, & Digital in the Curriculum: Home Much, How Deep. (*CE Proof of Attendance Record available for all courses attended.)
- March 12, 2022 – attended MTMI Trauma Radiography –Clinical Techniques webinar.
- May 21, 2022 – attended MTMI Our World of Digital Artifacts webinar.
- ACE Webinars: Making the Most Out of Clinical Education & Cardiac Catherization Presentation
- November 28, 2018 – completed the Butler Community College, ADA in the Classroom training workshop.
- ASRT webinars: Fluoroscopy: Regulations & Radiation Protection, Ethical Practices in Radiologic Technology, Radiographic Densities: Why Adipose Tissue Matters, Evaluating and Updating the Patient Education Process, Medical Imaging of Explosion Protection, & Imaging Correctional Facility Patients. (*CE Proof of Attendance Record available for all courses attended.)
- LCC Required Employee Trainings: Title IX for Employees, Sexual Violence Prevention for Community College Students, Bloodborne Pathogen Exposure Prevention, Safety Procedure 5.07 Acknowledgement, Policy & Procedures 10.17 Return to Work Disclaimer and FERPA: Confidentiality of Records
- January 2018 completed Green Zone Training to become a member to serve and support military-connected students enrolled at LCC.

Ashley Moore MS., L RT (R)

- March 3 – 6, 2018 attended the 28th Atlanta Student & Educator Conference in Atlanta, Georgia: Crucial Connections Between Radiologic Technology Program Staff and Clinical Setting RTs and Clinical Instructors, Revised Standards – What’s New for 2018 Part 1 & Part 2, Supporting Clinical Education: A Departmental Directors Perspective, Integrating Informatics in the Patient Care Classroom, & Teaching CT Basics (*CE Proof of Attendance Record available for all courses attended.)
- Ashley attended the last four annual Kansas Society of Radiologic Technologist annual conferences and topics to include;
 - a. 2018 conference was in Manhattan Kansas-April 5-6, 2018; Bioidentical Hormone Replacement Therapy for Men and Women, Basic Overviews of Pacemakers and High Electricity Devices, How a Trauma Informed Care Perspective Helps, Paradigm Shift-Value Based Care in the Imaging Department Operations, Interviewing Techniques, & Century of the Systems.
 - b. 2019 conference was in Wichita Kansas – March 29, 2019; (2020 conference cancelled due to pandemic) Leadership Development and Radiologic Technologies, Human Trafficking in Healthcare Setting, Inspection Procedures, Proactive Strategies to Help Imaging Departments, Key Concepts for Effective Leadership, & The Radiologist Assistant.
 - c. 2022 conference was held in Lawrence, KS on March 30 – April 1, 2022: COVID’s Impact on Teaching and Learning, Acute Ischemic Stroke Imaging, Key Concepts of Patient Safety in Radiation Oncology, Communication in Healthcare, Employment Outlook in the Field of Radiology, AI at the Point of Care, & Burnout Among Healthcare Workers.
 - d. 2023 conference was held in Hays, KS on March 30-April 1st, 2023
- Participate in the Monday Morning Mentoring webinars that LCC Administration offers covering variety topics related to online teaching techniques and utilizing technology in the classroom.
- February 5 -8, 2019: attended the West Coast Student & Educator’s Conference in Orlando, Florida: Incivility: Students and Faculty Behavior, Creating an Effective Learning Environment, & Digital in the Curriculum: Home Much, How Deep. JRCERT Accreditation webinar& Outcome Assessment (*CE Proof of Attendance Record available for all courses attended.)
- LCC Required Employee Trainings: Title IX for Employees, Sexual Violence Prevention for Community College Students, Bloodborne Pathogen Exposure Prevention, Safety Procedure 5.07 Acknowledgement, Policy & Procedures 10.17 Return to Work Disclaimer
- September 2022: a work on own study of Radiologic Sciences and Patient Care.
- December 21, 2020: a work on home study covering the topic of Radiation Physics in Radiography.

Tammy Kimrey RT (R), BS (CTE), RDMS (Abdomen/OB-Gyn) RVT

- Attended the following annual Kansas Society of Radiologic Technologist annual conferences and topics to include;

- a. 2018 conference was in Manhattan Kansas-April 5-6, 2018; Bioidentical Hormone Replacement Therapy for Men and Women, Basic Overviews of Pacemakers and High Electricity Devices, How a Trauma Informed Care Perspective Helps, Paradigm Shift-Value Based Care in the Imaging Department Operations, Interviewing Techniques, & Century of the Systems.
 - b. 2019 conference was in Wichita Kansas – March 29, 2019; (2020 conference cancelled due to pandemic) Leadership Development and Radiologic Technologies, Human Trafficking in Healthcare Setting, Inspection Procedures, Proactive Strategies to Help Imaging Departments, Key Concepts for Effective Leadership, & The Radiologist Assistant.
 - c. 2022 conference was held in Lawrence, KS on March 30 – April 1, 2022 which I served also as the President-Elect for the KSRT Board. COVID's Impact on Teaching and Learning, Acute Ischemic Stroke Imaging, Key Concepts of Patient Safety in Radiation Oncology, Communication in Healthcare, Employment Outlook in the Field of Radiology, AI at the Point of Care, & Burnout Among Healthcare Workers.
 - d. 2023 conference was held in Hays, KS on March 30-April 1st, 2023
- Actively participate in the Monday Morning Mentoring webinars that LCC Administration offers covering variety topics related to online teaching techniques, utilizing technology in the classroom, and teaching strategies for asynchronous and synchronous classroom delivery.
 - February 5 -8, 2019 attended the West Coast Student & Educator's Conference in Orlando, Florida: Incivility: Students and Faculty Behavior, Creating an Effective Learning Environment, & Digital in the Curriculum: Home Much, How Deep. (*CE Proof of Attendance Record available for all courses attended.)
 - November 28, 2018: completed the Butler Community College, ADA in the Classroom training workshop.
 - LCC Required Employee Trainings: Title IX for Employees, Sexual Violence Prevention for Community College Students, Bloodborne Pathogen Exposure Prevention, Safety Procedure 5.07 Acknowledgement, Policy & Procedures 10.17 Return to Work Disclaimer
 - 2018: ESP Ultrasound Seminar Pediatrics Review Course (*CE Proof of Attendance Record available for all courses attended.)
 - Society of Diagnostic Medical Sonography Journal Articles/Tests (*CE Proof of Attendance Record available for all courses attended.)
 - Society of Diagnostic Medical Sonography Webinar Seminar September 2020 (*CE Proof of Attendance Record available for all courses attended.)

Each year the second-year students attend the Kansas Society of Radiologic Technologists (KSRT) convention where they compete in student image competitions and Ray Bowl and since 2020, numerous students received awards for their accomplishments.

Program staff participate in area career fairs and speak to students from area high schools about pursuing a career as a radiologic technologist. The program seeks every opportunity to promote LCC and the Radiography Program.

The Program also promotes civic engagement by encouraging each student to be active members in the Radiography Club. The Radiography Club members are very active on campus and off. The club also participates in all SGA activities including assisting with area Blood Drives, Kid's Fall Fest, and the Pink Out Night with the Athletic department and the club also supports the LCC Relay for Life Team. Our club has received many Student Government Association Awards for the last three years for these efforts.

Approximately 30% of applicants are applying directly out of high school. The success rate of these individuals actually completing the program in the past three years is approximately 54%. The program has identified these students tend to struggle more socially and academically. This retention data has prompted the program staff to intervene quicker and remediate struggling students' sooner and these efforts are showing success as the program completion rate for the student cohort of 2024 is currently at 94%.

The Radiography program staff are involved in the following LCC committees and community and public service activities in the college service areas:

Gale Brown –

- LCC: Retention Committee, Cardinal Caring Committee (C3) and Radiography Club Advisor
- Community: KSRT Past-President & was President, KSRT Executive Board, Oswego Park Foundation Board, Oswego Tree Board & Oswego Planning and Zoning Board

Ashley Moore –

- LCC: Diversity Committee

Tammy Kimrey –

- LCC: Cardinal Caring Committee (C3)
- Community: Edna Grade School PTO Secretary

5.0 Program Accomplishments and Reflection on Data/Trends

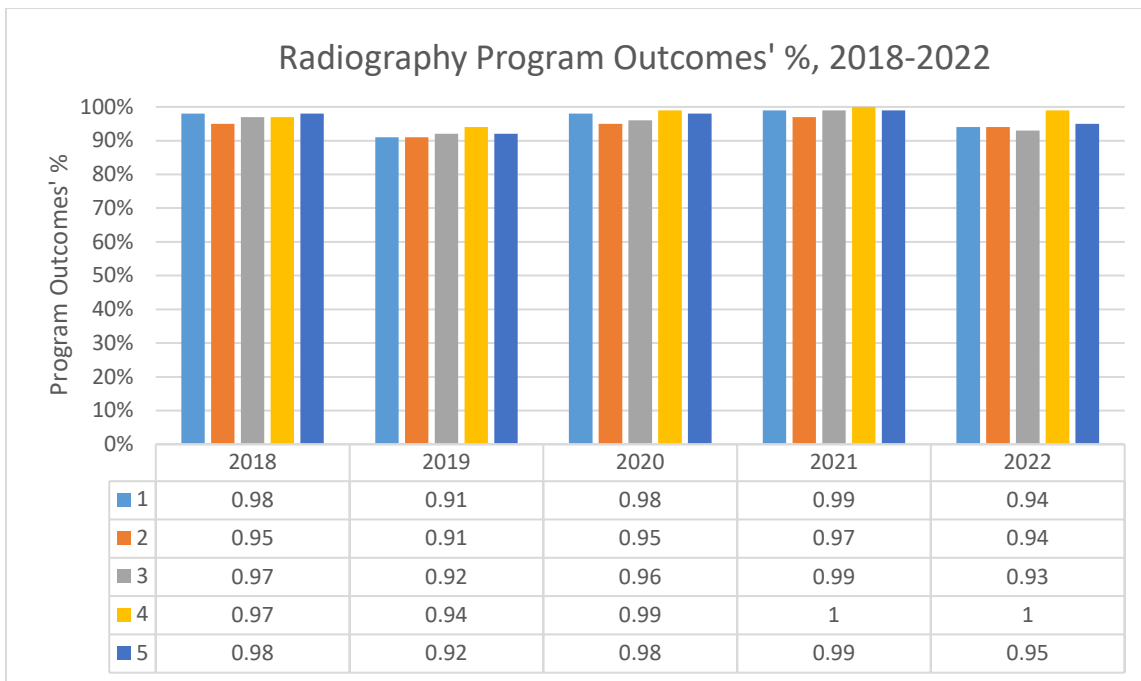
In this section, departments should highlight noteworthy program accomplishments over the three-year comprehensive cycle. Programs should also provide thoughtful reflection on the data provided on student success, attrition, completion, etc. Programs should also report on findings from course and program assessment data. Programs should also provide context of any trends in the data, as well as external trends that may have affected the data.

Narrative:

The total student credit hours decreased by 26% over the three-year period from academic year 2019 – 2020 to 2021 – 2022 due to the impact of the COVID pandemic. Two full-time faculty members teach 75% of the program courses and one part-time faculty member teaches the remaining courses. The program can select between 20-23 students annually depending on clinical site availability.

Enrollment numbers decreased by 13% and the average class size decreased by 18%. During this timeframe the program experienced a decreased number of applicants applying to the program due to the COVID pandemic. All applicants who completed an application were interviewed for the average 20 student cohort; as a result, the program experienced a 25% attrition rate in 2021 – 2022. The program continues to increase their recruitment efforts by attending community high schools, career fairs, and utilizing advertisement on social media.

For the past 7 years, 100% of the program's graduates have passed their national certification examination and they are employed in the profession. After reviewing the program data, students struggle most during their first year in the program and they are at a greater risk for not being retained. In the past few years the program has been experiencing a low program completion rate and this is a concern that has prompted the program's retention project. Program staff have identified the four categories in which students exit the program; career change or medical reasons, policy infraction, failing courses (grades), and failing the Comprehensive Examination. Program staff feel the higher grading scale could be considered a contributing factor and they have brought this to the attention of their Advisory Committee seeking suggestions about reducing the scale. During each committee discussion, committee members discussed the advantages and disadvantages for having the higher grading scale, however, no change was ever made due to their vote to leave the higher grading scale with a grade of "C" or higher. Currently the grading scale for all Radiologic Technology courses is: A 100– 96; B 95– 91; C 90-86; F 85-0. As of June 5, 2023, the program will be implementing the following grading scale: A 100– 95; B 94– 89; C 88-82; D 81-75; F 74-0. To graduate, radiography students must maintain a grade of "C" (88%-82%) or higher in all their major and related courses and maintain a GPA of 2.0 or higher.



What did you learn from this past year's program data?

- Our program's retention rate has impacted our outcome data results this past year. The negative impact that COVID had on our student's performance this last fiscal year is apparent. Students were dealing with their own COVID illness, being quarantined or even dealing with a family member's health issues relating to COVID. We encouraged students to attend our classroom lecture (synchronous schedule) over ZOOM if their quarantined and unable to come to campus. More students appeared to struggle more and were falling behind in their didactic and clinical courses due to being absent. The program faculty did numerous tutoring sessions with their struggling students throughout the last year. As a result of their emotional and physical conditions beyond the program's control, numerous students continued to struggle academically and they were dismissed.

2. What did you not learn from the data?

- The student dynamic per cohort changes annually and this requires the program officials to teach their courses differently to accommodate as many students learning styles as possible, however the program has a lot of material that has to be covered per class period. In the past few years, our program has noticed an influx of students that have completed a majority of their general education courses either online or as a high-school concurrent class and state they never had to study. The difference between secondary and post-secondary CTE program expectations appears to be more challenging for students entering into our program.

3. What do you hope to learn and/or do for this upcoming school year?

- Block scheduling is allowing the Program faculty to be more available on Fridays for students to get assistance/tutoring. Students are now completing two 10-hour clinical days so if they need to use a Fridays as make-up clinical day it is easier for them to do so.
- The program's tutoring paperwork has included our Case Manager's contact information to ensure students are aware of the resources available to them.

6.0 Mission Alignment

Programs should indicate how the program's offerings align with the LCC mission: Labette Community College provides quality learning opportunities in a supportive environment for success in a changing world.

Narrative:

The Radiography Program at Labette Community College is committed to providing maximum opportunities at each level of achievement, encouraging the development of problem solving and decision-making skills, promoting effective communication skills, and employing competent technical practices that will support the highest level of ethical patient care. Additionally, Labette Community College is committed to supporting professional growth, lifelong learning, and graduating entry-level radiologic technologists.

7.0 Fiscal Resource Narrative

Based on program data review, planning and development for student success, programs will complete the budget worksheet to identify proposed resource needs and adjustments. Resource requests should follow budgeting guidelines as approved by the Board of Trustees for each fiscal year. The resource requests should be used to provide summary and detailed information to the DOI/VPAA and other decision-makers and to inform financial decisions made throughout the year. In the narrative below, please explain any requests for additional dollars over the current academic year budget, then include the budget amounts on the budget worksheet.

Narrative:

In the past three years, the program was able to purchase the following equipment with Carl Perkins funding;

Radiography: Carl Perkins Approved Item	Category	Estimated Cost	Actual Cost
Vital Signs Monitor Medline	Equipment	\$1,606.41	\$1,606.41
Spot Vital Signs Stand	Equipment	\$236.87	\$236.87
Temporal Scanner 2 scanners ordered	Equipment	\$55.01	\$ 110.02
Shipping of Vital Signs Equipment	Equipment	\$141.16	\$141.16
Steath Cote Ortho Kit A - positioning sponges	Equipment	\$350.00	\$350.00
Bariatric Caliper	Equipment	\$49.00	\$49.00
The Marker Foot - stickers for initial markers for lab - 3 boxes	Equipment	\$14.95	\$44.85
Shipping on Universal Lab supplies	Equipment	\$44.23	\$44.23
ASRT Instruction DVD Fluro, Sect Ant, & Vascular Intervention	Equipment	\$3,605.00	\$3,605.00
Wounded Willie - RSD Devices Universal	Equipment	\$37,175.00	\$37,175.00
X-ray Mannequin from Dental Assistant Fall 2022	Equipment		
Careview 1500cwe Wireless FPDCsl AMXWireless Conversion	Equipment	\$23,749.00	\$24,221.50
Slope Compensating Filter SKU:Fi-03 Universal	Equipment	\$372.28	\$300.00
Pedigo Transport Stretcher; Mattress Pad w/ Side Rails	Equipment	\$3,145.31	PENDING

The program is only requesting additional funding for budget items that have increased in cost for the upcoming fiscal year for the following items:

- 1) Increase in mileage rate for program officials traveling expenses: FY2023 \$.585 per mile has been increased to \$.655 per mileage in FY2024 for the two following accounts; Radiography Travel Account #: 12-1210-601-000 and Radiography Mileage Account #: 12-1210-602-000.
- 2) The JRCERT annual registration fee for FY2024 has increased by \$180. (Account #: 12-1210-670-000)

8.0 External Constituency and Significant Trends

An important component of maintaining a superior program lies in awareness and understanding of other possible factors that may impact the program and/or student outcomes. After consideration of these other factors, program directors/faculty should document the relevant information within this section.

Program Advisory Committee:

Our program is committed to promoting an environment in which integrity and transparency is valued and respected in all that we do. This applies to the mutual respect between and among faculty members, clinical personnel, students, staff and administrators. For example, we encourage the program advisory committee members to participate in revising our Academic / Didactic and Clinical Handbook annually. Once the revisions are endorsed by our advisory committee the changes are implemented and the students are notified of the changes and the implementation period is typically implemented the following semester. The program also abides by the JRC Standards and Code of Conduct for all members of our program and follows the Labette Community College policy and procedure practices.

(Access to our most recent edition of the Radiography Handbook is also available on the LCC Radiography webpage for our students, staff, affiliates and public.)

The Radiography Program has an active Advisory Committee that meets twice a year, once in the fall and once in the spring semester. Many health care and clinical representatives participate in membership on the radiography advisory committee. The program has 14 clinical affiliates; 7 affiliates in Southeast Kansas, 3 affiliates in Southwest Missouri, and 4 affiliates in Northeast Oklahoma. Approximately 25 members attend each meeting, with a majority of the 14 clinical / hospital affiliates represented.

The following is a listing of all clinical affiliates utilized by the Radiography program:

Dr. Robert Gibbs, Medical Director	Ascensions Via-Christi Hospital
Coffeyville Regional Medical Center	Ascensions St. John Jane Phillips
Integrus Baptist Regional Health Center – Miami	Fredonia Regional Hospital
Integrus Grove Hospital	Mercy Hospital Carthage
Mercy Specialty Hospital of SE KS & Clinic	Mercy Joplin
Neosho Memorial Regional Medical Center	Labette Health
Girard Medical Center	Nevada Regional Medical Center
St. Francis Hospital of Vinita	

<u>Years on Adv Committee</u>	<u>NAME</u>	<u>Clinical Site</u>
10	Cody Whitaker	Ascension St. John Jane Phillips
2	Rosa Soto	Ascension St. John Jane Phillips
1	Megan Thompson	Ascension Via-Christi Hospital
1	Randy Stinebaugh	Ascension Via-Christi Hospital
6	Stephanie Dwyer	Ascension Via-Christi Hospital
7	Danny Bernd	Coffeyville Regional Medical Center
7	Jane Noland	Coffeyville Regional Medical Center
New	Rhonda Burroughs	Coffeyville Regional Medical Center
8	Trudy Vail	Coffeyville Regional Medical Center
New	Ashley Porter	Fredonia Regional Hospital
New	Taylor Witty	Fredonia Regional Hospital
25	Amy McDonald	Girard Medical Center
5	Kelly Schultz	Girard Medical Center
11	Kambie Delmont	Integrus Grove Hospital
New	Kayla Heistand	Integrus Grove Hospital
24*	Lynn Conklin	Integrus Miami Hospital
24	Matthew Keller	Integrus Miami Hospital
19	Ashley Moore	Labette Community College
2	Daudi Langat	Labette Community College
20	Gale Brown	Labette Community College
5	Dr. Jason Sharp	Labette Community College
1.5	Dr. Kara Wheeler	Labette Community College
President	Dr. Mark Watkins	Labette Community College
10	Tammy Kimrey	Labette Community College
New	Brian Williams	Labette Health
1	Cassandra Compton	Labette Health
New	Chaneya Julich	Labette Health
20	Dr. Robert Gibbs	Labette Health
5	Holly Baker	Labette Health
2	Heather Shearhart	Mercy Hospital (Carthage)
6	Kelly Green	Mercy Hospital (Carthage)
2	Shalyee Thomas	Mercy Hospital (Carthage)
3	Jalayne Osborn	Mercy Hospital (Joplin)
8	Nora Cannon	Mercy Hospital (Joplin)
2	Alice Paustian	Mercy Specialty Hospital of Southeast Kansas and Clinic (Galena)
2	Dominik Avery	Mercy Specialty Hospital of Southeast Kansas and Clinic (Galena)
2	Kerri Williams	Mercy Specialty Hospital of Southeast Kansas and Clinic (Galena)
10	Kaylee Hart	Neosho Memorial Regional Medical Center
25	Kelli Olson	Neosho Memorial Regional Medical Center
New	Rachel Jennings	Neosho Memorial Regional Medical Center
4	Abbey Johnson	Nevada Regional Medical Center
25	Todd Fine	Nevada Regional Medical Center
8	Rusty Jorgenson	St. Francis Hospital

*Chair Person & New = Less than 1 year

Significant Trends:

Radiography technologists held over 215,820 health care jobs in 2021 and 58 percent of all jobs are in hospitals according to the Occupational Outlook Handbook, 2020-21 editions. Other employment opportunities include: physicians' offices, medical and diagnostic laboratories, and outpatient care centers. Overall job opportunities are expected to increase by about 6 percent from 2021-2031, faster than the average for all occupations. According to the American Society of Radiologic Technologists (ASRT), "approximately 16,600 openings for radiologic and MRI technologists are projected each year, on average, over the decade to replace workers who retire." Formal training programs in radiography are offered in colleges and universities and lead to a certificate, an Associate Degree, or a Bachelor's Degree and since 2014, a minimum of an Associate Degree is needed for individuals to be eligible to take an American Registry of Radiologic Technologists (ARRT) primary certification examination. Most states require licensure, and requirements vary.

Staff shortage in healthcare facilities are impacting the demand for radiologic technologist in the service area. Radiologic Technologist are changing their employment status and moving from facility to facility. Some technologists are seeking higher wages, better working hours and improved working conditions. Since the pandemic, the healthcare facilities are experiencing an influx of Radiologic Technologists retiring and area imaging managers are having a difficult time finding personnel to fill these employment vacancies. Program staff are contacted weekly regarding full-time employment opportunities for surrounding communities, however the recent trend is our entry-level graduates are choosing to work part-time hours at multiple facilities and do not want full-time employment.

The impact of staff shortages also impacts the number of incoming students the program can accept annually. As required by the JRCERT Standards, a student attending clinical must be supervised at all times and they require a one student to one qualified radiologic technologist ratio per clinical rotation. Currently, the program has 14 clinical affiliation facilities expanding across SE Kansas, Oklahoma and Missouri and a future goal for the program is to acquire additional clinical facilities so the program can reach their annual twenty-three student capacity.

Employment change

Employment of radiologic technologists is expected to increase by about 6% from 2021 to 2031, faster than the average for all occupations. As the population grows and ages, there will be an increasing demand for diagnostic imaging. With age comes increased incidence of illness and injury, which often requires diagnostic imaging for diagnosis. In addition to diagnosis, diagnostic imaging is used to monitor the progress of disease treatment. With the increasing success of medical technologies in treating disease, diagnostic imaging will increasingly be needed to monitor progress of treatment. The extent to which diagnostic imaging procedures are performed depends largely on cost and reimbursement considerations. However, accurate early disease detection allows for lower cost of treatment in the long run, which many third-party payers find favorable. Although hospitals will remain the principal employer of radiologic technologists, a number of new jobs will be found in offices of physicians and diagnostic imaging centers. As technology advances many imaging modalities are becoming less expensive and more feasible to have in a physician's office.

Job prospects

In addition to job growth, job openings also continue to rise from the need to replace technologists who leave the occupation. Those with knowledge of more than one diagnostic imaging procedure—such as CT, MRI, and mammography—will have the best employment opportunities as employers seek to control costs by using multi-credentialed employees. Demand for radiologic technologists can tend to be regional with some areas having large demand, while other areas are saturated. Technologists willing to relocate may have better job prospects. CT is continuing to become a frontline diagnosis tool. Instead of taking x rays to decide whether a CT is needed, as was the practice before, it is often the first choice for imaging because of its accuracy. MRI also is increasingly used. Technologists with credentialing in either of these specialties will be very marketable to employers.

Projections data from the National Employment Matrix						
Occupational Title	SOC Code	Employment, 2022	Projected Employment, 2031	Change, 2021-31		Employment by Industry
				Number	Percent	
Radiologic technologists	29-2034	215,820	236,900	21,080	6	Get data

The median annual wage of radiologic technologists was \$65,140 in May 2022. The middle 50 percent earned between \$57,350 and \$80,050. The lowest 10 percent earned less than \$47,760, and the highest 10 percent earned more than \$97,940. Median annual wages in the industries employing the largest numbers of radiologic technologists in 2022 were:

Medical and diagnostic laboratories	\$70,460
Federal Executive Branch	78,160
Offices of Physicians	62,220
Outpatient care centers	81,530
General medical and surgical hospitals	71,260

Fall 2020		Fall 2021		Fall 2022	
Percentage Employed	Salary Range	Percentage Employed	Salary Range	Percentage Employed	Salary Range
12/12-100%	\$16 – 27 /hr.	10/10-100%	\$16 - 30/hr	12/12-100%	\$22 - 30/hr

Resource: Occupational Outlook Handbook, Bureau of Labor Statistics. Bureau of Labor Statistics, U.S. Department of Labor, [radiologic-technologists](#) (visited April 12, 2023; May 3, 2023)

9.0 Program Vitality Assessment

Program faculty should use all available information to consider the category assignment which best reflects the program's current status and subsequent goals and anticipated action plans.

Vitality Category Chosen: Category 1: Potential Enhancement Opportunities

Explanation for Chosen Vitality Category:

The program staff and their advisory committee are aware the program's completion rate is below the JRCERT 75% Program Completion Rate (PCR) benchmark. Program's PCRs: 2022 Student Cohort - 60%, 2023 Student Cohort - 53.3% & 2024 Student Cohort - 94%. As a result, the program staff have decided to move forward with reducing their minimum required passing grade benchmark from 86% to an 82%; this change comes after the recent program's reaccreditation, JRCERT Site-Visit team's recommendation.

10.0 Program Goals

Each program should set 1-3 short-term goals (will be completed in the next year) and 1-3 long-term goals (will be completed by next comprehensive program review). These goals should be SMART goals that can be reflected upon in the upcoming annual or comprehensive review.

Short-Term:

- By the end of the 2023-2024 school year, all Radiography courses will be reviewed and aligned with the JRCERT adopted curriculum.
- By the end of 2023-2024 school year, recruit two new members from the workforce and / or the business community to serve on the Radiography Advisory Committee to increase workforce and community participation.
- By the end of the 2023-2024 school year, program staff will participate in at least one professional development conference relating to discipline.
- Beginning Summer 2023, the program staff will decrease their higher grading scale to reflect a minimum passing grade of 82% rather than an 86%. Grading Scale: A 100– 95; B 94– 89; C 88-82; D 81-75; F 74-0.

Long-Term:

- Equipment upgrade: By the end of 2024-2025 school year, replace the computers in the Radiography classroom/computer lab (Z133) and clinical laptops.
- By the end of 2023-2024 school year, the full-time Radiography faculty will create a series of positioning lab videos as an additional visual resource for visual learners.
- By the end of 2024-2025 school year the program will begin incorporating AI within the program by purchasing a virtual radiography simulation equipment / software to provide some alternative hands-on applications for students when they are not physically present in their clinical settings.
- By the end of 2025 -2026 school year, develop a radiography peer tutoring program to help students overcome academic challenges and increase program retention rate 6%.
- By the end of 2027-2028 school year, purchase a full-body x-ray phantom for the energized laboratory for students to radiograph during their Simulation courses.



Note: All Definitions of data pulled for this summary can be found in Appendix 1 of the Academic Program Review, Planning, and Development Handbook.

Subject: Radiography

Average Class Size, Completer Success, and Attrition

**This data has been pulled to match the co-horts brought in to Rad, which begins in summer.

Year (AY dates)	Subject Prefix	Course Name	Total Enrollment	# of Sections	Average Class Size	% Student Completion	%Student Success	%Student Attrition	Student Credit Hours
2020	RADI 101	Intro to Radiography, Ethics, and Law	21	1	21	100%	100%	0%	42
2021			20	1	20	100%	100%	0%	40
2022			22	1	22	95%	95%	5%	44
2020	RADI 103	Radiographic Procedures I	21	1	21	100%	95%	0%	42
2021			20	1	20	100%	80%	0%	40
2022			22	1	22	95%	91%	5%	44
2020	RADI 104	Radiographic Procedures II	21	1	21	90%	71%	10%	63
2021			15	1	15	93%	87%	7%	45
2022			20	1	20	75%	65%	25%	60
2020	RADI 105	Radiographic Procedures III	14	1	14	100%	86%	0%	42
2021			13	1	13	92%	92%	8%	39
2022			9	1	9	100%	100%	0%	27
2020	RADI 107	Radiographic Imaging I	21	1	21	100%	100%	0%	21
2021			20	1	20	100%	100%	0%	20
2022			22	1	22	95%	95%	5%	22
2020	RADI 109	Patient Care in Radiography I	21	1	21	100%	95%	0%	42
2021			20	1	20	100%	95%	0%	40
2022			22	1	22	95%	95%	5%	44
2020	RADI 113	Simulations in Radiography I	21	2	11	90%	90%	10%	21
2021			15	2	8	93%	93%	7%	15
2022			20	2	10	75%	75%	25%	20
2020	RADI 115	Patient Care in Radiography II	21	1	21	90%	86%	10%	63
2021			15	1	15	93%	93%	7%	45
2022			20	1	20	75%	75%	25%	60
2020	RADI 117	Radiographic Imaging II	21	1	21	90%	90%	10%	63
2021			15	1	15	93%	93%	7%	45
2022			20	1	20	75%	65%	25%	60

2020	RADI 119	Clinical Train I	21	1	21	90%	90%	10%	63
2021			15	1	15	93%	87%	7%	45
2022			20	1	20	75%	75%	25%	60
2020	RADI 120	Clinical Training II	14	1	14	100%	100%	0%	42
2021			13	1	13	92%	92%	8%	39
2022			9	1	9	100%	100%	0%	27
2020	RADI 125	Principles of Physics & Equipment Operation	14	1	14	100%	86%	0%	42
2021			13	1	13	92%	92%	8%	39
2022			9	1	9	100%	100%	0%	27
2020	RADI 127	Intro to CT & Cross-Sect Anatomy	14	1	14	100%	100%	0%	28
2021			12	1	12	92%	92%	8%	24
2022			9	1	9	100%	100%	0%	18
2020	RADI 201	Imaging Modalities	13	1	13	100%	100%	0%	39
2021			11	1	11	100%	100%	0%	33
2022			12	1	12	100%	100%	0%	36
2020	RADI 203	Clinical Training III	13	1	13	100%	100%	0%	39
2021			11	1	11	100%	100%	0%	33
2022			12	1	12	100%	100%	0%	36
2020	RADI 204	Clinical Training IV	13	1	13	100%	100%	0%	39
2021			11	1	11	100%	100%	0%	33
2022			12	1	12	100%	100%	0%	36
2020	RADI 205	Clinical Training V	12	1	12	100%	100%	0%	36
2021			10	1	10	100%	100%	0%	30
2022			12	1	12	100%	100%	0%	36
2020	RADI 207	Radiographic Imaging III	13	1	13	100%	100%	0%	39
2021			11	1	11	100%	100%	0%	33
2022			12	1	12	100%	100%	0%	36
2020	RADI 211	CT Procedures	13	1	13	100%	100%	0%	26
2021			11	1	11	100%	100%	0%	22
2022			12	1	12	100%	100%	0%	24
2020	RADI 213	Radiographic Pathophysiology	13	1	13	100%	100%	0%	26
2021			11	1	11	100%	100%	0%	22
2022			12	1	12	100%	100%	0%	24
2020	RADI 214	Simulations in Radiography I	14	2	7	100%	100%	0%	14
2021			13	2	7	92%	92%	8%	13
2022			9	2	5	100%	100%	0%	9
2020	RADI 217	Radiation Protection I	13	1	13	100%	100%	0%	26
2021			11	1	11	100%	100%	0%	22
2022			12	1	12	100%	100%	0%	24
2020	RADI 218	Radiation Protection II	12	1	12	100%	100%	0%	24
2021			10	1	10	100%	100%	0%	20
2022			12	1	12	100%	100%	0%	24

2020	RADI 219	Image Analysis	12	1	12	100%	100%	0%	24
2021			10	1	10	100%	100%	0%	20
2022			12	1	12	100%	100%	0%	24
2020	RADI 221	Radiography Compr. Review	12	1	12	100%	100%	0%	24
2021			10	1	10	100%	100%	0%	20
2022			12	1	12	100%	100%	0%	24
2020	RADI 223	Critical Thinking & Analysis in Radiography	12	1	12	100%	100%	0%	36
2021			10	1	10	100%	100%	0%	30
2022			12	1	12	100%	100%	0%	36

Course Completion, Success, & Attrition by Location

Year (AY dates)	Location	Total Enrollment	# of Sections	Average Class Size	% Student Completion	%Student Success	%Student Attrition	Student Credit Hours
2020	Online	13	1	13	100%	100%	0%	39
2021		11	1	11	100%	100%	0%	33
2022		12	1	12	100%	100%	0%	36
2020	Main Campus	324	22	15	98%	94%	2%	687
2021		275	22	13	97%	96%	3%	574
2022		300	22	14	92%	90%	8%	629
2020	Other (Arrgmt, Off- campus, etc.)	73	5	15	97%	97%	3%	219
2021		60	5	12	97%	95%	3%	180
2022		64	5	13	92%	92%	8%	195

Declared Awards, Transfers, and Placements

Year (AY Dates)	# of Degrees/Certs Awarded	# of Graduates Transferring from previous AY year	Total Graduates Exited and Employed* (CTE Only)
2020	12	3	7
2021	10	1	9
2022	12	3	9

*KBOR K-TIP report

Student Credit Hours by Faculty Type

Year (AY)	Number of Faculty		Student Credit Hours by Faculty Type				
	Full Time	Part Time	Full Time	% for Full Time	Part Time	% for Part Time	Total Credit Hours
2020	2	1	691	75%	236	25%	927
2021	2	1	609	76%	196	24%	805
2022	2	1	596	73%	216	27%	812

Faculty Name by Type for Most Recent Academic Year

Full Time: Tammy Kimrey, Ashley Moore

Part Time: Linda Gale Brown