



**St. Vincent College of Health Professions
Radiography Program
Assessment Plan
2020 – 2021**



Goal 1: Student Learning: Students will be clinically competent.

Rationale: Clinical competency is the performance of clinical procedures independently and without direction from external sources. Competent practice of radiography is built on a solid foundation of knowledge acquired through rigorous didactic learning and applied clinically under actual conditions. Most patients are not able to judge the competency of caregivers and instead trust that imaging procedures are performed to diagnostic standards. As such, the program expects students to balance the technical performance of imaging procedures with attending to the patient’s needs and their readiness to respond to emergent situations.

Outcome	Measurement Tool	Benchmark	Responsible Party	Assessment Frequency
1.1. Students will produce radiographs of diagnostic patient positioning quality.	Radiographic Positioning I and II Course Lecture Exams	Class aggregate of correct answers on all the following Radiographic Positioning I and II lecture test questions will be 90% or higher. <ul style="list-style-type: none"> • RAD POS I: Test 1A, question 29 • RAD POS I: Test 2A, questions 8 & 40 • RAD POS I: Test 3A, question 4 • RAD POS I: Test 5A, questions 3 & 23 • RAD POS I: Final Exam, questions 28 & 41 • RAD POS II: Test 1A, questions 1 & 38 	Clinical Coordinators	Semesters I and II
	Image Audit Form	95% aggregate of all senior student’s randomly audited imaging exams will meet diagnostic positioning criteria.	Clinical Coordinators	Semesters IV & V
1.2. Students will practice appropriate radiation safety.	Introduction to Radiography Course Lecture Test 5A	Class aggregate of correct answers on all the following Introduction to Radiography lecture test 5A questions will be 90% or higher. <ul style="list-style-type: none"> • Questions 1, 16, 20, 21, 30 & 38 	Program Director	Semester I
	Radiation Safety Audit Form	95% aggregate of all senior student’s randomly audited imaging exams will show evidence of collimation throughout their senior year.	Clinical Coordinators	Semesters IV & V



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Outcome	Measurement Tool	Benchmark	Responsible Party	Assessment Frequency
1.3 Students will provide quality patient care.	Patient Care Course Final Exam	Class aggregate average score on all the following Patient Care final exam test questions will be 90% or higher. <ul style="list-style-type: none"> • Questions 3, 13, 23, 30 & 35 	Clinical Coordinators	Semesters I
	Pediatric and Geriatric Clinical Competency Evaluations	Class aggregate average score on the following clinical competency evaluations will be 95% or higher. <ul style="list-style-type: none"> • Pediatric Chest • Pediatric Abdomen • Geriatric Chest • Geriatric Upper Extremity • Geriatric Lower Extremity 	Clinical Coordinators	Compiled Following Semester V



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Goal 2: Student Learning: Students will demonstrate critical thinking.

Rationale: Competent practice of radiography requires the adaptation to unusual circumstances and varying patient conditions. This adaptation comes from the ability to think critically. True competency is achieved not by remembering facts or approaching clinical practice as a set of recipes to be recalled, but rather by the application of critical thinking to achieve understanding of why radiographers do what we do. Critical thinkers can connect the practice of radiography with the resulting radiographic image and adapt to varying circumstances. In short, to uphold the public trust in the delivery of medical imaging services, radiographers must be able to think critically to achieve mastery of the profession.

Outcome	Measurement Tool	Benchmark	Responsible Party	Assessment Frequency
2.1. Students will be able to analyze radiographs for technical quality.	Radiographic Positioning I and II Course Final Exams	Class aggregate average score on all the following Radiographic Positioning I and II final exam test questions will be 90% or higher. <ul style="list-style-type: none"> • RAD POS I: Final Exam questions 7, 8, 13, 23, 30, 32 & 37 • RAD POS II: Final Exam questions 1, 11 & 20 	Clinical Coordinators	Semesters I and II
	Radiographic Image Analysis Course Lecture Exams	Class aggregate average score on all Radiographic Image Analysis course exams will average 90% or higher.	Clinical Coordinators	Semester V
2.2. Students will be able to adapt clinically.	Pediatric and Geriatric Clinical Competency Evaluations	Class aggregate average on the following clinical competency evaluations will be 95% or higher. <ul style="list-style-type: none"> • Pediatric Chest • Pediatric Abdomen • Geriatric Chest • Geriatric Upper Extremity • Geriatric Lower Extremity 	Clinical Coordinators	Compiled Following Semester V
	Trauma Clinical Competency Evaluations	Class aggregate average score on the following clinical competency evaluations will be 95% or higher. <ul style="list-style-type: none"> • Trauma upper extremity • Trauma lower extremity • Trauma shoulder • Trauma hip • Cross-table spine 	Clinical Coordinators	Compiled Following Semester V



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Goal 3: Student Learning: Students will communicate effectively.

Rationale: Radiographers communicate daily with a variety of individuals, from physicians and management to patients and visitors. The manner and complexity of communication will likewise vary with each situation. Radiographers must be able to communicate effectively to improve patient care, assure patient safety, advance interdisciplinary teamwork, and improve patient satisfaction.

Outcome	Measurement Tool	Benchmark	Responsible Party	Assessment Frequency
3.1. Students will demonstrate written communication skills.	Clinical Abstracts	The class aggregate average score on all clinical abstracts will be 95% or higher.	Clinical Coordinators	Semester IV
	Medical Questionnaire Audit Imaging (MIQ)	95% aggregate of all senior student's randomly audited imaging exams will have appropriate written MIQ medical histories.	Clinical Coordinators	Semesters IV & V
3.2. Students will demonstrate verbal communication skills.	Pathology Oral Presentation Rubric	Class aggregate average score on the Radiographic Pathology course oral presentation will be 90% or higher.	Clinical Coordinators	Semester IV
	Clinical Competency Forms	95% of all student's clinical competency evaluations in aggregate will score a 2 out of 2 points on all the following skills. <ul style="list-style-type: none"> • #4 "Communicates effectively with the patient" 	Clinical Coordinators	Compiled Annually in July



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Goal 4: Program Effectiveness: The program will prepare students to challenge the ARRT credentialing exam.

Rationale: Upon graduation, successful completion of the ARRT examination is necessary to obtain a Radiologic Technologist license in Indiana and in most other states. The ARRT exam also offers a unique opportunity to assess the didactic quality of the program by comparing our graduates with other graduates across the country. We realize the ARRT exam is not a measure of clinical competency, but the exam is a critical step in the pathway to professional practice. As such, we expect our students to be highly prepared to take the ARRT exam upon graduation.

Outcome	Measurement Tool	Benchmark	Responsible Party	Assessment Frequency
4.1. Program graduates will successfully pass the ARRT examination on the first attempt.	ARRT Exam Pass Rate	Program first-attempt pass rate on the ARRT exam will be 90% or higher over the most recent 5 years.	Program Director	Compiled Annually Following Graduation

Goal 5: Program Effectiveness: The program will maintain a positive learning environment.

Rationale: To maximize learning and facilitate competent application of knowledge, the classroom and clinical environments in which students learn must be positive. Students must feel free to ask questions, be self-directed, and make mistakes without compromising patient and personnel safety. Only then can learning truly take place.

Outcome	Measurement Tool	Benchmark	Responsible Party	Assessment Frequency
5.1. Graduating students will express satisfaction with the overall program quality.	Exit Survey	On question #25 of the Exit Survey, 90% of graduating students will respond that they are Very Satisfied or Satisfied with their overall program experiences.	Program Director	Assessed Annually at Graduation
5.2. Alumni will express satisfaction with the overall program quality.	Alumni Survey	On question #13 of the Alumni Survey, 90% of alumni will respond that they are Very Satisfied or Satisfied with their decision to attend the program.	Program Director	Assessed Annually 9 – 12 Months Following Graduation on Prior Year Graduates

Goal 6: Program Effectiveness: The program will demonstrate a positive effect on the community.



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Rationale: The program is ever mindful of our role to safeguard the community by graduating only highly skilled radiographers who, when hired following graduation, fulfill a need to deliver quality care. The program is committed to assuring that the St. Vincent Health community and other providers are well served by hiring our graduates.

Outcome	Measurement Tool	Benchmark	Responsible Party	Assessment Frequency
6.1. Students will graduate from the program.	Program Completion Rate (JRCERT Method)	The program completion rate will be 70% or higher each year using the JRCERT method* of calculating PCR. *Excludes non-academic attrition due to.. 1. financial, medical/mental health, or family reasons, 2. military deployment, or 3. a change in major/course of study.	Program Director	Assessed Annually Following Graduation
6.2. Program graduates actively seeking employment will be gainfully employed in radiological sciences.	Employment Placement Rate (JRCERT Method)	The program placement rate of graduates who actively sought employment will be 75% or higher within the first 12 months following graduation over most recent 5 years using the JRCERT method* of calculating PPR. *Excludes the following circumstances. 1. graduate fails to communicate with program officials regarding employment status after multiple attempts, 2. graduate is unwilling to seek employment that requires relocation, 3. graduate is unwilling to accept employment, for example, due to salary or hours, 4. graduate is on active military duty, and/or 5. graduate is continuing education.	Program Director	Assessed Annually for 12 Months Following Graduation.
6.3. Employers of program graduates will express overall satisfaction with the preparation of program graduates.	Employer Survey	On question #6 of the Employer Survey, 90% of responding employers will indicate that they are Very Satisfied or Satisfied with the preparation of hired program graduates for entry level employment.	Program Director	Assessed Annually 9 – 12 Months Following Graduation on Prior Year Graduates