

PROGRAM INFORMATION	Program	Radiologic Technology
	Submitted by:	Lisa Herrmann
	Year	2023-2024
	Date of Review	2024-01-05
	Form Key	792d1388-41c3-475b-8203-cf6a1985f5a5
PROGRAM OUTCOMES	Explain how program outcomes were reviewed this year (i.e., input from advisory board, instructors, students, etc.) and changes made, if any:	Program outcomes are reviewed each year during the fall advisory board meeting. Our assessment cycle has been updated after the JRCERT site visit in fall 2023. Details on our assessment cycle are located in the program's master plan. Data is gathered in May each year and the assessment committee meets to analyze data and discuss strengths and areas of concern. In September, the Accreditation and Institutional Effectiveness Director attends the Rad Tech department meeting for a final review of assessment data and to enter data for Goal 5. The fall board meeting takes place in November. Any unmet benchmarks are presented to the advisory board with a proposed action plan. The benchmarks that are met are also evaluated and discussed at the meeting. The Advisory Board provides feedback and offer ideas for improvement.
	Outcomes are up to date in WIDS and on the program's web page	Yes
SYLLABI	ADA Statement	Yes
	Competencies	Yes
	Course Description	Yes
	Course Title and Number	Yes
	Credit Hours	Yes
	Freedom of Expression Statement	Yes
	Grading Criteria	Yes
	Instructor	Yes
	Academic Integrity Policy	Yes
	Nondiscrimination Statement	Yes
	Office Hours/Contact Information	Yes
	Prerequisites	Yes
	Required Text(s)	Yes
	Syllabi Up to Date in WIDS	Yes
	Explain which syllabi were reviewed this year; input received from advisory board, instructors, students, etc. regarding course objectives and textbooks used; and changes made, if any.	In the spring 2023 advisory board meeting we reviewed RAD 120, RAD 140, RAD 150. Some updates to lesson plans/class activities were presented to the board, including a CPR review and a guest speaker for lab values in RAD 120. RAD 150 implemented group labs with the addition of a lab. RAD 150 also has two instructors this year. In the fall 2023 advisory board meeting we reviewed RAD 142, RAD 152, and RAD 160. In RAD 152 faculty conducts weekly image critique as that was an area that students struggled. Cross-table lateral c-spine was removed from simulation and is covered in group lab. We also changed the simulation for c-spine to be completed individually as we assigned pairs in previous years.
PROGRAM COMPETENCIES	Explain how competencies were reviewed this year (i.e., input from advisory board, instructors, students, etc.) and changes made, if any:	The programs assessment plan is composed of five competencies which are presented to the advisory board on an annual basis. The assessment plan is presented at the spring advisory board meeting. The board provides input on the assessment plan and helps develop ideas for improvement on unmet benchmarks. Changes are documented in meeting minutes.
	WIDS Up to Date	Yes
COURSE ASSESSMENTS	Capstone	No
	Class Participation	Yes

USED IN PROGRAM CHECKLIST	Clinical/internship observations	Yes
	Examinations	Yes
	Comprehensive Final Exams	Yes
	Journals	No
	Lab Demonstrations	Yes
	Oral Examinations/Presentations	Yes
	Other Projects	Yes
	Peer Evaluations	Yes
	Portfolio Projects	No
	Quizzes	Yes
	Self-Evaluations	Yes
	Simulations	Yes
	Videos of Student Mastery	Yes
	Written Essays	Yes
	Written Reports	Yes
ALIGNED AND APPROPRIATE ASSESSMENTS	Assessments used in the program are matched to the outcomes/competencies for the program.	Yes
	Explain changes in the assessments used in your program since your last review (include input received and rationale).	Peer evaluations are utilized in RAD 160 for an oral presentation. A rubric is provided to the students to evaluate each classmate during their presentation.
	Give examples of how assessments used in the program reflect higher-level thinking skills, such as applications, analysis, synthesis, and evaluation.	Simulations continue to be a core element of RAD 150 and RAD 152. In RAD 154 students must record multiple simulations over the GI system. A self-evaluation is completed by the student with submission of the simulation. The simulation itself demonstrates application of presented curriculum in GI studies. Image evaluation curriculum has been improved and students now take a separate final in on-campus Procedures classes that focus on image evaluation. Radiology Readiness is also an exercise in which students are presented with multiple exam orders and must demonstrate all facets of simulation.
INDUSTRY CERTIFICATIONS	Explain any changes made or planned in the program based on assessment of industry certifications used in the program.	No changes are planned
INTERNSHIPS/ CLINICALS	How do you evaluate program competencies or learning objectives during internship/externship experiences?	Image reviews, recheck simulations, orientation checklists, clinical reflections, exam competencies, comprehensive simulation, radiology readiness, mock interviews, biweekly evaluations are all performed throughout clinical courses.
	As you reviewed results of internship/externship evaluations, what curriculum changes were made or are planned in your program?	We will implement an OR checklist to improve student accountability in the OR rotation.

ENROLLMENT	Does the most recent year's data meet this benchmark? If not, explain a single-year anomaly or explain what strategies your program will implement to address a pattern (two or more years) of not reaching this benchmark.	Yes - 96%
RETENTION	Does the most recent year's data meet this benchmark? If not, explain a single-year anomaly or explain what strategies your program will implement to address a pattern (two or more years) of not reaching this benchmark.	Yes - 92%
GRADUATION	Does the most recent year's data meet this benchmark? If not, explain a single-year anomaly or explain what strategies your program will implement to address a pattern (two or more years) of not reaching this benchmark.	Yes - 86%
PLACEMENT	Does the most recent year's data meet this benchmark? If not, explain a single-year anomaly or explain what strategies your program will implement to address a pattern (two or more years) of not reaching this benchmark.	Yes - 100%
STUDENT SATISFACTION	If this benchmark is not met, what strategy or strategies will be implemented to address this measure?	The Noel-Levitz survey was not conducted this year.
ALUMNI SATISFACTION	If this benchmark is not met, what strategy or strategies will be implemented to address this measure?	Not assessed this cycle.
EMPLOYER SATISFACTION	If this benchmark is not met, what strategy or strategies will be implemented to address this measure?	Not assessed this cycle
PROFESSIONAL DEVELOPMENT	What professional development activities have instructors in this program completed in the last year?	Faculty attended the SDSRT conference in April 2023. All faculty are members of the ASRT.

	How were these activities used to improve this program?	Faculty utilizes resources from the ASRT to update curriculum. The SDSRT conference included a presentation on AI and on CQR; this information was incorporated into RAD 110 and a presentation to students upon graduation.
PROFESSIONAL ORGANIZATIONS	Do faculty members belong to professional organizations associated with this program?	Yes
	If no, explain why.	
	Are students made aware of the professional organizations for their career field?	Yes
ADVISORY BOARD RECOMMENDATIONS	What changes were or will be made to this program based on feedback provided at the past year's advisory board meeting(s)?	Emergency Recheck Simulation will be added to spring semester during the first year of the program. RAD 142 will include more content on Informatics in Medical Imaging, feedback was requested via email from the instructor following the advisory board meeting. HIS/RIS systems and PACS/MIMPS systems for multiple clinical sites will be added. Biweekly evaluation scaled was updated to a 5 point scale due to recommendation from advisory board to more closely match evaluations used in industry.
	Implementation Date	2024-01-05
	Indicate the personnel responsible for implementing the change(s):	all faculty
PROGRAM IMPROVEMENT PLANS AND BUDGET	As you review this past year, what changes do you propose for the next school year that will affect the program's budget?	The new GE lab is in use this year and has increased availability of equipment for students to get hands-on practice. The program plans to purchase a new GE mobile unit this year as the Fuji unit is end of life.
	Cost	200,000