INDIANA UNIVERSITY
KOKOMO

DIVISION OF ALLIED HEALTH SCIENCES

Bachelor of Science Medical Imaging Technology

Five-Year Assessment Plan

(2016-2021)

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*Meets General Education Requirement Assessment

I. Program's Mission:

The Medical Imaging Technology Program at Indiana University Kokomo upholds the mission statement of IU Kokomo by the preparation of highly qualified individuals, practicing in the art and science of advanced medical imaging modalities. As a health related science, Medical Imaging Technology is dedicated to the health and welfare of the patient through the diagnosis. The Medical Imaging Technology program will meet the medical imaging needs and expectations of the communities in its region through partnerships in clinical education with regional healthcare facilities.

II. Program Goals

A. **Upon Graduation of the MIT program, the student will be able to:**

1. Demonstrate knowledge and skills needed for entry-level advanced imaging modalities
2. Demonstrate knowledge of Practice Standards for chosen modality while demonstrating ethics and professionalism
3. Demonstrate critical thinking and problem solving in imaging and leadership
4. Demonstrate effective communication as a healthcare leader in medical imaging technology

III. Student Learning Outcomes and Components:

Goal 1: **Demonstrate knowledge and skills needed for entry-level advanced imaging modalities**
Component 1: Students will demonstrate understanding of advanced modality imaging knowledge.
Component 2: Students will demonstrate organizational skills in an advanced modality imaging.

Goal 2: Demonstrate ethics and professionalism.
Component 1: Students will identify the key elements and approaches to ethical situations and issues. (Meets Ethics & Civic Engagement Gen Ed Outcome 1)
Component 2: Students will identify the benefits of making informed judgements with regard to individual and group conduct.* (Meets Ethics & Civic Engagement Gen Ed Outcome 2)
Component 3: Students will demonstrate leadership by participating in professional organizations, campus and / or community service opportunities
Component 4: Students will identify the benefits of civic engagement *(Meets Ethics & Civic Engagement Gen Ed Outcome 3)

Goal 3: Demonstrate critical thinking and problem solving in imaging and leadership
Component 1: Students will recognize issues that have alternative interpretations* (Meets Critical Thinking Gen Ed Outcome 1)
Component 2: Students will compare the perspectives of others to their own by demonstrating didactic principles learned versus the clinical experience.* (Meets Critical Thinking Gen Ed Outcome 2)
Component 3: Students will assess the quality of supporting evidence by submitting case studies.* (Meets Critical Thinking Gen Ed Outcome 3)

Goal 4: Demonstrate effective communication as a healthcare leader in radiologic technology
Component 1: Students will utilize professional interpersonal skills to communicate with patients, peers, physicians, and other vital members of the healthcare team.
Component 2: Students will assess the implications and consequences that result from proposed conclusions* (Meets Critical Thinking Gen Ed Outcome 4)

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IV. Curriculum map:

Goal #. Component #	AHLT R-485	AHLT R-404	AHLT R-405	AHLT R-407	AHLT R-406	AHLT R-408	AHLT R-409	AHLT R-48* Clinical
1.1 Students will demonstrate understanding of advanced modality imaging knowledge.	A,C, D	A, E, P	A, D, E	A, D, E, FE, P	A, D, E	A, D, E, O, P	A, D, E, O, P	A, C, EE
1.2 Students will demonstrate organizational skills in an advanced modality imaging.	A,C, D	A, P	A, D, E	A, D, E, P	A, D, E	A, D, E, O, P	A, D, E, O, P	A, C,EE
2.1 Students will identify the key elements and approaches to ethical situations and issues.*				A				EE
2.2 Students will identify the benefits of making informed judgements with regard to individual and group conduct.*				A				EE
2.3 Students will demonstrate leadership by participating in professional organizations, campus and/or community service opportunities	M. This item is a program requirement for professional development. 1 Community activity, 1 Campus activity, and join the ASRT and State chapter within their chosen modality.							
2.4 Students will identify the benefits of civic engage-ment*				A				
3.1 Students will recognize issues that have alternative interpretations*								EE
3.2 Students will compare the perspectives of others to their own by demonstrating didactic principles learned versus the clinical experience.*	A, D				A, D, E			A, D
3.3 Students will assess the quality of supporting evidence by submitting case studies.*					A, O			
4.1 Students will utilize professional interpersonal skills to communicate with patients, peers, physicians, and other vital members of the healthcare team.								EE
4.2 Students will assess the implications and consequences that result from proposed conclusions*					A, P			

*Students have chosen an advanced modality concentration. Each concentration has its own clinical course number.

Due to the nature of the IUK Medical Imaging Technology (MIT) program, each student is admitted into the program with professional background in radiologic technology. Each student has successfully completed a national certification examination. This 10-month program is holistic in nature. The students are introduced, reinforced, and demonstrate proficiency in each course and assessed with a multitude of measurements. See the legend below for ways the courses are assessed throughout the semester.

Legend: A – Assignments (writing, modules, etc.), C- Clinical Competency, D - Discussion (in-class or virtual forums), E – Exams/FE- Final Exam, EE- End semester Evaluations, M- Miscellaneous, O - Oral presentation, P - Projects

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V. Assessment activities planned for the following academic year*:

**See above for activities and courses assessment methods

Outcome	Benchmark	Dates
1.1 Students will demonstrate understanding of advanced modality imaging knowledge.	**60%** of students will score a minimum of **75%** on mock certification exams	Spring
1.2 Students will demonstrate organizational skills in an advanced modality imaging.	Of those end semester evaluations returned, **75 %** of Students will score a minimum of 3 in "Organization of work".	Fall
2.1 Students will identify the key elements and approaches to ethical situations and issues.	Of those end semester evaluations returned, **75%** of students will score a minimum of 3 in "Professional Ethics".	Fall
2.2 Students will identify the benefits of making informed judgements with regard to individual and group conduct.	**70%** of students will score a minimum of **85%** on submitted competency forms.	Spring
2.3 Students will demonstrate leadership by participating in professional organizations, campus and/or community service opportunities	**70%** of students will join the ASRT and select their modality as a chapter.	Fall
2.4 Students will identify the benefits of civic engage-ment	**70%** of students will score a minimum of **75%** on a written submission.	Fall
3.1 Students will recognize issues that have alternative interpretations*	Of those end semester evaluations returned, **75%** of students will score a minimum of 3 in "Judgement/Performance".	Spring
3.2 Students will compare the perspectives of others to their own by demonstrating didactic principles learned versus the clinical experience.*	Of those end semester evaluations returned, **75%** of students will score a minimum of 3 "Student's comprehension of examinations".	Spring
3.3 Students will assess the quality of supporting evidence by submitting case studies.*	**75%** of students will score an average of **75%** on oral presentations.	Spring
4.1 Students will utilize professional interpersonal skills to communicate with patients, peers, physicians, and other vital members of the healthcare team.	Of those end semester evaluations returned, **75%** of students will score a minimum of 3 in "Interpersonal Communication".	Spring
4.2 Students will assess the implications and consequences that result from proposed conclusions*	**75%** of students will score a minimum of **75%** on submitted ACR assessment projects.	Spring

*This program is a clinically intensive program. Students attend clinical 24 to 32 hours per week. Many assessments will be made on the student's ability to apply didactic course concepts into the clinical setting.

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VI. Ongoing Assessment:

a. With administrative role changes, the evaluation process has been disrupted in the 2014-2016 time. The new program assessment process will begin spring 2017 and continue for five years monitoring each outcome's components for strengths and weaknesses.
b. The plan considers performance factors from the old plan of study and implements new goals concerning the professional and leadership skills acquired by the MIT students.
c. The MIT program is working with CTLA to utilize Taskstream technology for assessment purposes.

VII. Reporting Schedule

Goal 2 and 3	Ethics, Professionalism, Critical Thinking	2016-2019
Goal 1	Application of knowledge and skills	2019-2020
Goal 4	Effective communication	2020-2021
Goal 2 and 3	Ethics, Professionalism, Critical Thinking	2021-2022

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