Trinity Health Radiologic Technology Program/Advisory Committee Meeting Minutes
2/3/25 2:30 pm Radiology Conf Rm

In Attendance	Michelle Bratton, (PD), Renae Stratton (Clin Preceptor), Jim Coffin (Radiology Dept Manager), Janel Feehan (PACS), Jess Anderson (Clin Preceptor), Keith Epperson (Student Rep), Ben Anderson (VP- Patient Services) **Absent:** Becky Hoes (Community member), Jim Miller (Program Medical Director); Cindy Milkey (community member), Dawn Rubbleke (Kronos), Andrea Roedocker, Lonna Browne
I. JRCERT Update	A**. JRCERT accreditation status**: Program was granted an award of 8 years of accreditation in September of 2020. A self-study report will be due in 2026 and the next site visit will be around February 2027 for reaccreditation.
II. Master Education Plan	A. **Didactic Curriculum**: 7 juniors (class of 2026) began in August and are doing well. One student withdrew after the 1st semester. The student was doing well academically but decided to pursue nursing. The class of 2025 is nearing the end of didactic coursework and will begin registry review mid- March. Several are interested in staying at Trinity, at least 1 in diagnostic and 1 in CT, with several others possibly staying in Minot for a while. B. **Academic schedule**: no changes C. **Clinical Plan**: RS adjusted the clinical rotations to fit the new clinical areas with no issues. D. **Policy Manual** – Slight adjustments to wording of admission/application policies. No major changes. E. **GI Bill™:** No students using this currently. F. **6 Month Employer and Graduate surveys**: All surveys have not yet been returned so, so will leave that for the next meeting.
III. Resource /Staff Updates	A. **Developmental Tests and Registry Review**: The class of 2025 will utilize St. Catherine's tests, RadTech Boot Camp, Lange Review book, Mosby Review book, ASRT resources and updated registry review material/mock exams. No major changes here other than to ensure they are in class enough to complete the usual review materials. B. **ASRT**: Seniors now become members in January so they can take advantage of SEAL tests and review materials on ASRT – cost is $35 a student. This cost is part of the student fees taken out of the initial $300 deposit when students accept a position with the program. RTBC ($130/student for 6 months) is also paid for with the initial deposit. C. **Fundraising for program**: Students and program officials did an online fundraiser (Double Good popcorn) and earned over $1300 in November to be used to assist with expenses to attend the NDSRT conference and misc. student related things. We are working on funding through the Foundation to get a full body phantom ($40,000)
Assessment Plan/SLOs **DISCUSSION OF RESULTS of 2024-5**	A. **Assessment Plan/SLOs**: The 2024-25 Assessment Plan (combining results from classes of 2025 (4th sem) and 2026 (2nd semester) is complete for the senior class. A draft of results was disseminated prior to the meeting for discussion. General discussion: Junior class data is mostly collected in the 2nd semester now, so it will be discussed at the next meeting this summer. **GOAL 1: Students will demonstrate effective verbal and written communication skills.** *SLO 1.1: **Students will effectively communicate with patients.*** **Tool A: Competency Evaluations-** In Competency Evals, techs score students 1-4 (4 = 100%, 3 = 75%, 2 = 50%) for their patient communication skills during a supervised exam (identify self/patient, communicate info). 6 random Comp eval scores in the category/student are averaged individually and as a class. The 2025 class met the benchmark (100%) as a class and individually. No action needed.

	Tool B: Technologist Evaluations of Student-Supervising technologists are asked to evaluate students during specific diagnostic rotations, which are valuable in assessing overall performance over a longer period of time and not one procedure. 6 evals per student are averaged on categories of "Communication skills" and "Patient rapport;" the 2024 class met the benchmark (95%) both as a class (94%). Individually one student was at 84% for both. Student is quiet and has improved a lot since starting but has been encouraged to work on communicating more with patients. **DISCUSSION**: Students consistently score well in patient communication. No action needed. *SLO 1.2: **Students will demonstrate effective verbal communication**.* **Tool A: Procedure Grab Bags-** 6-7 Dig sys, Trauma and fluoro procedure grab bags/student were graded by RS with a rubric. This number was increased for both classes from last cycle. The 2025 class met the benchmark (87.5%) as a class (98%) and individually. **Tool B: Technologist Evaluations of Student-**Supervising technologists are asked to evaluate students during specific diagnostic rotations. 6 evals per student are averaged on categories of "asking questions" and "initiative/participation." The 2025 class met the benchmark (87.5%) as a class (91, 94%) but 1 student was individually below the mark (80%) for initiative. The student was counseled to initiate starting and doing more procedures independently (indirect supervision) to become more confident. No other action is necessary. **Tool C: Ethics Presentation -**Juniors have not completed yet. **Tool D: Scientific Research Paper Presentation-** Defer to next meeting, this is assessed in the 5th semester. *SLO 1.3: **Students will demonstrate effective written communication skills.*** **Tool A: Ethics Paper –** Juniors have not completed yet. **Tool B: Scientific Research Paper -** Senior students' scientific research papers for the Michelle Keller scholarship are scored by an anonymous judge. The 2025 class **did not meet the benchmark (71-94% individually**). Class average was 86.7%. One student got a 71%, with issues noted for originality and mechanics within the paper. No action needed. **GOAL 2: Students will demonstrate critical thinking skills in professional practice.** *SLO 2.1 **Students will exhibit necessary critical thinking skills when performing routine and nonroutine procedures**.* **Tool A: Competency Evaluations-** In Competency Evals, techs score students 1-4 (4 = 100%, 3 = 75%, 2 = 50%) for critical thinking during an exam (appropriate positioning and technical factors, necessary modifications). 6 random Comp eval scores in the category/student are averaged individually and as a class. The 2025 class met the benchmark (87.5%) as a class (97%) and individually. No action needed.

	Tool B: Procedure Grab Bags- 4-6 Random procedure grab bags/student were graded by RS with a rubric on critical thinking. The 2024 class met the benchmark (87.5%) as a class (94%) and individually. As juniors, this class scored 75% here, so they have improved. During grab bags, critical thinking is solely on the student with no "back up" from a technologist and this increases the difficulty. Also, if we obtain a phantom that would allow us to do more hands-on critical thinking grab bags. *SLO 2.2* ***Students will demonstrate the ability to critically evaluate radiographs for quality.*** **Tool A: Image Analysis Tool –** Juniors undertake image analysis of several different radiographs and are graded individually by RS with a rubric. This will be assessed in the 2nd semester. **Tool B: McQuillen Image Analysis -** Seniors are graded with the same rubric from Tool A for juniors, but on comprehensive analysis on multiple images this year in UE/LE and Spines. Images are viewed along with a quiz. The 2025 senior class met this benchmark (87.5%) as a class (95.7%) and individually. This seems to be a good tool for assessing this skill because there is no technologist back up on what the student decides on the quality of an image. Notably, when looking at the overall quiz score, which also included answering questions beyond visualization of images, 3 students fell below the mark on 3 quizzes, and 4 students just barely made the mark at 88% on 4 quizzes. There is always room for improvement in this area, so we will continue to track both. **Tool C**: **Technologist Evaluations of Student-**Supervising technologists are asked to evaluate students during specific diagnostic rotations. 6 evals per student are averaged on category of "ability to critique images." Historically students meet the benchmark as a class, but this is an area where new graduates often report feeling uncomfortable. The 2024 seniors met tool B benchmark (87.5%) as a class (94%) and individually, noting that this class last year was at a 78%. **DISCUSSION/ACTION PLAN:** Program will continue to test seniors on positioning critique and modification as this has been helpful to improve confidence in this area. As discussed last year, this area should continue to be assessed and program will work on more memorization of techniques in class and during clinical testing to help reinforce the basic techniques per procedure. A phantom would also be useful here, so we could use actual radiographs taken by the students and adjust factors to change image quality for discussion. **GOAL 3: Students will demonstrate clinical competence as entry level radiographers.** *SLO 3.1:* ***Students will competently operate equipment to produce quality images exhibiting accurate positioning and acceptable technique.*** **Tool A: Competency Evaluations-** In Competency Evals, techs can score students 1-4 (4 = 100%, 3 = 75%, 2 = 50%) for clinical competence categories of "Image analysis" and "equipment use." 6 random Comp eval scores in the category/student are averaged individually and as a class. The 2025 class met the benchmark as a class (99, 99%) and individually. No action needed. **Tool B: Technologist Evaluations of Student-**Supervising technologists are asked to evaluate students during specific diagnostic rotations. 6 evals per student are averaged on a new categories "manipulation of equipment," "positioning skills" and "setting

	technical factors." The 2025 class met the benchmark as a class (95,93,86%) on 4-6 evals/student as a class for each category. However, 1 student had 87% in equipment, and 3 students fell short in the technical factor's category at 83, 80, 80%. Notably, 2 other students were at 88%, just above the mark. As noted earlier, techniques are difficult due to lack of necessity in the digital world. We discussed incorporating more technique into lectures, clinical testing and also adding that to the grab bags. Comments **Tool C: Recheck Performance Evaluations**- Recheck performance evals on seniors in the 4th semester are scored by techs on 6 random exams per student. The 2024 class met the benchmark as a class (99%) and individually. No action necessary. **DISCUSSION**: See the discussion above under Tool C of SLO 2.2 for discussion on techniques setting. Committee how discussed collimation and repeats are the main radiation protection factors now that patient shielding is no longer used for all exams. No action needed. *SLO 3.2: **Students will use appropriate radiation safety practices for patients, self and others**.* **Tool A: Competency Evaluations-** In Competency Evals, techs can score students 1-4 (4 = 100%, 3 = 75%, 2 = 50%) for clinical competence category of Radiation Protection that includes repeats, pregnancy screening, collimation, technique and shielding. The 2025 class met the benchmark as a class (94%) and individually. No action necessary. **Tool B: Technologist Evaluations of Student-**Supervising technologists are asked to evaluate students during specific diagnostic rotations. 6 evals per student are averaged in the radiation protection category. The 2025 class met the benchmark as a class (97%) and individually. No action needed. **GOAL 4: Students will exhibit ethical and professional behavior suitable to entry level radiographers.** *SLO 4.1: **Students will use appropriate discretion and exhibit professionalism**.* **Tool A** – **Professional Development Eval -** Professional development evaluations are completed each semester by RS. Discretion and professional appearance have historically been assessed, but the categories of "punctuality/attendance" were added to this SLO, as these are important aspects of professionalism. The 2024 class met the benchmark in each category as a class (100, 100, 97) and individually. **Tool B**- **Technologist Evaluations of Student-**Supervising technologists are asked to evaluate students during specific diagnostic rotations. 4- 6 evals per student are averaged the Professionalism category and a new category "discretion" was added to this SLO as well. 4-6 evals per student were scored and the 2025 class met the benchmark in both as a class (93,96%) but 1 had 80% individually for professionalism, growth and development. Comments for the student were encouraging the student to take the lead more and talk to patients. No action needed, just a more reserved quiet student who has grown a lot and still has room for improvement at this stage. **Tool C- Ethics Clinical Activity –** Not completed yet.

DISCUSSION/ACTION PLAN: Adding more professional behaviors that are scored in this category was easy and informative because behaviors were already being assessed in the tool. No action needed.

<u>SLO 4.2:</u> ***<u>Students will be dependable and work efficiently with healthcare team members.</u>***

Tool A – Professional Development Eval - Professional development evaluations are completed each semester by RS. Student “relationship with others” has historically been assessed, but the categories of “productivity” and “dependability” were added to this SLO because they were also being evaluated and are important qualities of entry level radiographers. The 2025 class met the benchmark in each category as a class (97,97,100%) and individually.

Tool B- **Technologist Evaluations of Student-**Supervising technologists are asked to evaluate students during specific diagnostic rotations. 4- 6 evals/student are averaged individually and as a class. Interdepartmental professionalism of students during clinical rotations has historically been assessed, but new categories of “dependability” and “organization” were added to the form and so were added to the assessment here. The 2025 class met the benchmark in each category as a class (97, 93, 97%). I student scored 83% in organization, but the tech comments did not specifically mention why.

DISCUSSION/ACTION PLAN: No changes were recommended for this SLO.

<u>SLO 4.3:</u> ***<u>NEW – Student will exhibit confidence under stress and gracefully accept feedback.</u>***

Tool A – Professional Development Eval - Professional development evaluations are completed each semester by RS. Categories of “self-confidence,” “reaction under stress,” and “accept feedback” were added here to assess these important qualities of entry level radiographers. The 2025 class met the benchmark in each category as a class (97, 97, 100%) and individually.

Tool B- **Technologist Evaluations of Student-**Supervising technologists are asked to evaluate students during specific diagnostic rotations. 6 evals per student are averaged individually and as a class. The categories of “Application of knowledge” and “Critical thinking” are important qualities of professionalism in entry level technologists. The 2025 class met the benchmark in each category as a class (95,88%) but individually 1 student scored 83% for application of knowledge and 3 students were 84, 83, 89% for Critical thinking.

DISCUSSION/ACTION PLAN: This SLO attempts to quantify qualities are difficult to assess. Critical thinking and applying knowledge during procedures will come with more experience and is always a place for improvement. As noted, earlier, we have requested a radiographic full body phantom, which would be very useful for both c-arm and trauma procedures, as it has limited movement, and we could expose it to ensure proper positioning. We could also have a tech or a phantom be the trauma patient so students can think through the scenario on their feet instead of just verbalizing.

V. Administrative Schedule/Open discussion	• **New Students**: 14 interviews were conducted (17 applications). The 7 students accepted will begin in August 2025. • **Graduation:** 2025 graduation will be May 15th at 11:00 am in the Prairie Rose room. • New classroom in MAC skywalk is very nice. PD's office is nearby on 5^{th} floor. • **Update: Next meeting summer 2025** to discuss 2^{nd} semester SLOs on class of 2026, and 2024 post graduate surveys. • Briefly discussed recruiting efforts at state community colleges for Associate of science or pre-rad tech degrees.
VI. Student Report	No concerns.