CTE Assessment Plan Medical Imaging Department AAS: Radiography

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| Outcome | Map to Core Outcome | Setting/Method | Benchmark | When Will Assessment Take Place |
| Uses effective written and oral communication skills in educational and clinical settings | CO 1 - Communication | **Classroom: RAD 209**  Advanced Radiographic Procedures – 2nd Year Course  **Writing Skills**:  Method/s: Student Portfolio  Rubric used for grading consistency on student papers. Students submit papers on topics approved by instructor and which pertain to unit topics.  **Clinical: Hospital Affiliates**  **Oral Skills:**  Method:End of Term Clinical Assessment from Clinical Instructors (8th term)  Clinical instructors will complete their final assessment of student according to Program and professional standards. Criteria is quantified and standardized for consistency from all clinical sites. A standard Program form is used by all sites. | 85% of students will score > 7 on a 9 point scale on written assignment.  90% of students will be ranked at > 4 on a 5 point scale used for evaluating behavioral and performance skills | End of 5th term in 2 year program  End of each term in 2-year program.  End of 8th term –  (capstone clinical course) used for graduation clearance. |
| Demonstrate problems solving skills in the clinical setting | CO 3 – Critical Thinking | **Clinical Hospital Affiliates**  **Method**: Employer Survey  Managers will complete Program graduate survey answering questions that pertain to critical thinking skills in patient care and radiographic procedures. These skills are vital in performing non-routine procedures or challenging patient conditions. | 90% of respondents will rank graduates > 4 on a 5 point scale, used for evaluating behavioral and performance skills.  The90% or respondents will rank graduates > 8 on a 10 point scale, used for evaluating professional technical skills | 6 months following completion of Program |
| Successful completion of national certification examination (ARRT) | CO5 –Professional Competence | **ARRT Examination Pass Rate**  Students who successfully complete two-year program will sit for national certification examination. Upon successful completion of this exam (at least a score of 75%), they will be certified in radiologic technology. | 85% of graduates will score 75% or higher on first attempt | Annually with statistics provided by the ARRT |
| The graduate provide s appropriate care that ensures the safety, comfort and on-going assessment/response to the patient condition | CO6 – Self-Reflection | **Method: Graduate Survey**  Program will send graduates a survey 6 months post-graduation that poses questions of self-reflection. Questions pertain to their professional skills, safety and patient assessment, procedure performance, communication skills with staff and patients. Additional questions pertain to evaluating Programs success in teaching the skills required of an entry-level technologist. | Respondents will rank themselves and the Program at > 3 on 4 point scale. | Annually |
| Identifies and understands barriers and misunderstandings associated with different cultures/ethnic groups and how these might affect competent patient care. | CO4 - Cultural Awareness | **Classroom/Clinical Setting**  Students will complete modules and group exercises in RAD 100, 106 and 203.  Group discussions/project in RAD 203 includes development of scenario that specifies a conflict/barrier in the clinical setting. The group presentation will include possible resolution/s to their conflict. | Students must achieve > 8 out of 10 points possible. Grading rubric includes points for both individual and group involvement. | 5th term of Program |
| Applies/adheres to radiation protection standards. Maintains safety practices for the community, coworkers and self. Demonstrates adherence to professional ethics and standards. | CO2 – Community and Environmental Responsibility | Students are evaluated each term by clinical instructors using standardize “End of Term “assessment form. Criteria are10/11/2010 based upon program and accreditation standards. | 90% of students will be ranked at > 4 on a 5 point scale used for evaluating behavioral and performance skills | End of each term, with 8th term assessment used for graduation clearance. |