**Course-Level Student Learning Outcomes (SLO) Assessment Plan**

SLOAT member’s name(s): John Marfo

Division/Department: Allied Health – Radiography

Course to be assessed for SLOs in Spring 2011: RTC 106

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1. What student learning outcomes (SLOs) will you assess in Spring 2011? Please identify at least 2 (total) chosen from the following: course goals (CG), general education goals (GEG) for which the course has been ‘affirmed’ by GECC, and/or applicable program goals (PG) from your ECC Course Outline SLO Assessment Summary Sheet.

* SLO #1 CG 3: Identify and utilize appropriate contrast media and lab equipment for specific radiographic procedures.

1. For each SLO given above, what assessment method**s** (rubrics, assignments, tests, classroom assessment techniques, portfolios, surveys, etc.) will you implement in Spring 2011 to gather evidence of student learning related to the outcome? Please make sure to vary the types of assessment methods you choose to include the following: direct (D) & indirect (I); process (P), input (In) & context (C); summative (S) & formative (F); qualitative (QL) & quantitative (QN); Objective (Obj) & subjective (Subj)

Assessment method**s** to be used to assess SLO #1: Checklist rubrics will evaluate the students’ abilities to demonstrate, in the energized laboratory setting, appropriate contrast media and lab equipment for specific radiographic procedures and to investigate and document the side effect of radiographic contrast media on patients (D & I, P, S & F, QL & QN, and Obj & Subj).

1. For each SLO given above, identify *when* each assessment method will be used in the course in Spring 2011; e.g., draw up a timeline for the course which indicates when every SLO assessment method named above will be used throughout the semester (Week 1 – Week 15).

SLO #1 Assessment Proposed Timeline 🡪 Since contrast media agents are introduced by lecture in week 6 and the use of contrast media for radiographic imaging as well as the side effects of radiographic contrast media on patients is analyzed on a higher level in weeks 8 – 11, SLO data will be collected in weeks 12 & 13.

1. How many sections of the course or how many students will be involved in using these assessment instruments and collecting SLO assessment data in Spring 2011? Please identify your sample size by number of classes (sections of the course) or number of students. (Remember: A 5% error margin in your analysis is ensured if you sample 278 out of 1000 students, 217 out of 500 students, 184 out of 350 students, 132 out of 200 students, 80 out of 100 students, or 44 out of 50 students. – taken from p. 48 of *Assessing Student Learning: a common sense guide*, 2nd edition by Linda Suskie)

All students enrolled in 2 RTC 106 classes, which each contain approximately 25 first-year radiography students

1. ~~Using representative random sampling~~, which sections or which students will be involved in using these assessment instruments and collecting SLO assessment data in Spring 2011?

All students in both (2) sections of RTC 106 will participate in this assessment.