Outcomes Assessment Plan

Bacone College Radiography Program
Summer 2011 – Spring 2012

The mission of Bacone College Radiography Program is to assist in meeting community needs for highly competent radiographers, who give skilled care with the respect for individual, cultural , and spiritual differences, while maintaining the college commitment to serving American Indians. This is accomplished through didactic education, offered in a nurturing Christian environment, and clinical education provided at affiliated hospitals and clinics. The combination of theory and clinical practice enables the student to acquire the knowledge, skills, and professional values necessary for the practice of radiography in diverse community and clinical settings.

Goal 1: Students will be clinically competent.					
Outcome	**Measurement Tool**	**Benchmark**	**Timeframe**	**Responsible Party**	**Results**
1.1 Students will demonstrate overall clinical competency.	RAD2253-Clinical IV: Clinical Student Evaluation Line items #1-10	Class average of 80% Line items # 1-10	2nd year- Fall semester (5th semester)	Clinical Instructor	97.71%
	RAD2362-Clinical V: Terminal Competency Evaluation All line items	Class average of 80% All line items	2nd year- Spring semester (6th semester)	Clinical Coordinator	97.41%
	RAD2362-Clinical V: Clinical Student Evaluation Line items #1-10	Class average of 80% Line items #1-10	2nd year-Spring semester (6th semester)	Clinical Coordinator	95.73%
1.2 Students will demonstrate proper radiation protection.	RAD1404-Radiation Protection: Comprehensive Final Exam	Class average of 80%	1st year-Spring semester (3rd semester)	Clinical Instructor	81.78%
	RAD2362-Clinical V: Terminal Competency Evaluation Line item #12	Class average of 80% Line item #12	2nd year-Spring semester (6th semester)	Clinical Coordinator	99.44%

	RAD2152-Clinical III: Clinical Student Evaluation Line item #6	Class average of 80% Line item #6	2nd year-Summer semester (4th semester)	Clinical Coordinator	See Action/Analysis
1.3 Students will demonstrate proper patient care skills.	RAD 1113-Intro to Radiography & Patient Care: Comprehensive Final Exam	Class average of 80%	1st year-Fall semester (2nd semester)	Course Instructor	79.47%
	RAD2362-Clinical V: Terminal Competency Evaluation Line items #3-5	Class average of 80% Line items #3-5	2nd year-Spring semester (6th semester)	Clinical Coordinator	97.50%
	RAD2253-Clinical IV: Clinical Student Evaluation Line items #7-10	Class average of 80% Line items #7-10	2nd year-Fall semester (5th semester)	Clinical Coordinator	98.13%

Action/Analysis: Goal 1

SLO 1 –Tool 1: The timeframe needs to be clarified that this included the average of the first and second eight week clinical student evaluations. The results exceeded the benchmark. The clinical student evaluation form was revised August 2011. The grading of the evaluations has been an agenda item in recent clinical instructor meetings and will continue to review the clinical student evaluation form and monitor it's usage.

SLO 1 –Tool 2: The measurement tool needs to be clarified that this includes four terminal evaluations. The results exceeded the benchmark. The grading scale on the terminal competency evaluation forms was revised in August 2011 to match the grading scale of the clinical student evaluation form. The grading of the terminal competency evaluation forms is being assessed.

SLO 1 –Tool 3: The results exceeded the benchmark and will continue to review the clinical student evaluation form and monitor it's usage.

SLO 2 –Tool 1: The responsible party needs to be changed to the course instructor; changes will be made on the next assessment plan. The benchmark was met. After review of the individual scores, the results reflect the commitment and study skills of those individuals. However, the course instructor will be adding a requirement that all students must register for their free online resources that are available with the textbook. Also, the course instructor will be implementing a Corectec Challenge Program at the end of the course to insure all material is covered and understood.

SLO 2 –Tool 2: The measurement tool line item number needs to be changed to line item #10; changes will be made on the next assessment plan. The results exceeded the benchmark and will continue to assess the grading of the terminal competency evaluation forms.

SLO 2 –Tool 3: The clinical student evaluations were not used by the clinical coordinator during the timeframe due to the plan was not approved and implemented until at the end of summer session. This will be an assessment used during the specified timeframe for the next assessment plan cycle.

SLO 3 –Tool 1: The results where just under the benchmark due to poor study habits by first year students. The next timeframe period students will be advised to use peer study groups. The course instructor will be adding a requirement that all students must register for their free online resources that are available with the textbook. Also, the course instructor will be implementing a Corectec Challenge Program at the end of the course to insure all material is covered and understood.

SLO 3 –Tool 2: The results exceeded the benchmark and will continue to assess the grading of the terminal competency evaluation forms.

SLO 3 –Tool 3: The responsible party used for this measurement tool was the clinical instructor, due to the clinical coordinator not being able to visit every student during the timeframe. The benchmark was met and the clinical coordinator will evaluate each student during the next assessment plan cycle.

Goal #2: Students will demonstrate communication skills.					
Outcome	**Measurement Tool**	**Benchmark**	**Timeframe**	**Responsible Party**	**Results**
2.1 Students will be able to communicate orally with others in classroom and clinic settings.	RAD1224L-Imag. II: Comprehensive Lab Skills Final Exam Line items #11-14	Class average of 80% Line items #11-14	1st year-Spring semester (3rd semester)	Lab Instructor	See Action/Analysis
	RAD1224L-Imag. II: Oral Film Critique Presentation Scoring Rubric	Class average of 80%	1st year-Spring semester (3rd semester)	Course Instructor	89.00%
	RAD1332-Clinical II: Clinical Student Evaluation Line items #11-14	Class average of 80% Line items #11-14	1st year- Spring semester (3rd semester)	Clinical Coordinator	97.00%
2.2 Student will be able to perform proper written skills.	RAD1224-Imag. II: Written Film Critique Presentation Scoring Rubric	Class average of 80%	1st year- Spring semester (3rd semester)	Course Instructor	58.00%
	RAD1222-Clinical I: Clinical Research Paper of Professional Societies Scoring Rubric Line items #4-15	Class average of 80% Line items #4-15	1st year- Fall semester (2nd semester)	Clinical Coordinator	86.39%
	RAD 2203-General Registry Seminar: Cover Letter Scoring Rubric	Class average of 80%	2nd year- Spring semester (6th semester)	Course Instructor	76.25%

Action/Analysis: Goal 2

SLO 1 –Tool 1: The comprehensive lab skills final exam was not used due to the curriculum constraints, therefore the results were not obtained. During the next assessment plan cycle, this measurement tool's form will be modified to model the terminal competency evaluation form.

SLO 1 –Tool 2: The measurement tool needs to read RAD1224, not RAD1224L, this was not demonstrated in the lab. The results met the benchmark.

SLO 1 –Tool 3: The results exceeded the benchmark and will continue to review the clinical student evaluation form and monitor it's usage.

SLO 2 –Tool 1: The results did not meet the benchmark. This was the first time this scoring rubric was implemented and will continue to assess results and the usage of the rubric.

SLO 2 –Tool 2: The results met the benchmark.

SLO 2 –Tool 3: The results did not meet the benchmark. This was the first time this scoring rubric was implemented and will continue to assess results and the usage of the rubric.

Goal #3: Students will model professionalism.					
Outcome	**Measurement Tool**	**Benchmark**	**Timeframe**	**Responsible Party**	**Results**
3.1 Students will gain professional development knowledge outside the classroom.	RAD1222-Clinical I: Clinical Research Paper of Professional Societies Scoring Rubric Line items #1-3	Class average of 80% Line items #1-3	1st year-Fall semester (2nd semester)	Clinical Coordinator	87.78%
	RAD2253-Clinical V: Clinical Research Paper of OSRT Convention Scoring Rubric Line items #1-3	Class average of 80% Line items #1-3	2nd year-Spring semester (6th semester)	Clinical Coordinator	83.33%
3.2 Students will develop job placement skills.	RAD2203-General Registry Seminar: Resume Scoring Rubric	Class average of 80%	2nd year-Spring semester (6th semester)	Course Instructor	83.13%
	RAD2203-General Registry Seminar: Mock Interview Score Sheet	Class average of 80%	2nd year-Spring semester (6th semester)	Course Instructor	95.00%
3.3 Students will display professional attitudes and behaviors.	RAD2362-Clinical V: Clinical Student Evaluation Line items #15-18	Class average of 80% Line items #15-18	2nd year-Spring semester (6th semester)	Clinical Instructor	98.65%
	RAD2362-Clinical V: Clinical Student Evaluation Line items #15-18	Class average of 80% Line items #15-18	2nd year-Spring semester (6th semester)	Clinical Coordinator	98.95%

Action/Analysis: Goal 3

SLO 1 –Tool 1: The results met the benchmark.

SLO 1 –Tool 2: The measurement tool course number is incorrect and is RAD2362-Clinical V; changes will be made on the next assessment plan. The results met the benchmark.

SLO 2 –Tool 1: The results met the benchmark.

SLO 2 –Tool 2: The results exceeded the benchmark. The interviewer may have inflated the results, therefore the interviewer will be considered for change.

SLO 3 –Tool 1: The measurement tool line item numbers are incorrect and line item numbers 15-19 were used to calculate the results; changes will be made on the next assessment plan. The results exceeded the benchmark.

SLO 3 –Tool 2: The measurement tool line item numbers are incorrect and line item numbers 15-19 were used to calculate the results; changes will be made on the next assessment plan. The results exceeded the benchmark.

Goal #4: Students will develop critical thinking skills.					
Outcome	**Measurement Tool**	**Benchmark**	**Timeframe**	**Responsible Party**	**Results**
4.1 Students will learn to apply exposure technique adjustments when necessary.	RAD2362-Clinical V: Terminal Competency Evaluation Line item #6	Class average of 80% Line item #6	2nd year-Spring semester (6th semester)	Clinical Coordinator	93.00%
	RAD2362-Clinical V: Clinical Student Evaluation Line items #20,21	Class average of 80% Line items #20,21	2nd year-Spring semester (6th semester)	Clinical Coordinator	96.25%
4.2 Students will adapt to trauma situations within the clinical setting.	Clinical I thru V Trauma Competency Evaluation (4 different trauma scores)	Class average of 80% on the four trauma evaluations	2nd semester thru 6th semester	Clinical Instructor	99.8%
	RAD2362-Clinical V: Clinical Student Evaluation Line items #22,23	Class average of 80% Line items #22,23	2nd year-Spring semester (6th semester)	Clinical Coordinator	97.00%

Action/Analysis: Goal 4

SLO 1 –Tool 1: The results exceeded the benchmark and will continue to assess the grading of the terminal competency evaluation forms.

SLO 1 –Tool 2: The results exceeded the benchmark and will continue to review the clinical student evaluation form and monitor it's usage.

SLO 2 –Tool 1: The results exceeded the benchmark and will continue to be review the trauma competency evaluation form and monitor it's usage.

SLO 2 –Tool 2: The results exceeded the benchmark and will continue to review the clinical student evaluation form and monitor it's usage.

Goal 5: Students will believe that the program is effective.					
Outcome	**Measurement Tool**	**Benchmark**	**Timeframe**	**Responsible Party**	**Results**
5.1 Students will complete the program.	Graduation Spreadsheet	75% will complete the program	End of program-Spring semester (6th semester)	Program Director	2012= 61.54% 2011= 71.43% 2010= 52.00% 3 Year Ave= 60.37%
5.2 Students will pass national certification on the 1st attempt.	ARRT National Certification Exam Pass Rate- 1st attempt	75% will pass the national certification exam on the 1st attempt	6 months upon completion of program	Program Director	2012=64.28%, as of Aug.1 2011= 86.67% 2010= 100% 3 Year Ave= 83.65%
5.3 Students will be satisfied with the education they received.	Student Satisfaction Survey Line items #1-7	75% will be satisfied with their education per line items #1-7	2nd year-Spring semester (6th semester)-Finals Week	Program Director	95.48%
5.4 Graduates will be employed within 6 months.	Graduate Survey Line item #1	75% will be employed within 6 months after graduation per line item #1	6 months upon completion of program	Program Director	See Action/Analysis
5.5 Employer satisfaction of recent graduates.	Employer Survey Line items #4-8	75% of surveys returned will show employer satisfaction with the graduate per line items #4-8	6 months upon completion of program	Program Director	See Action/Analysis

Action/Analysis: Goal 5

PE 1: The program completion rate is under benchmark. The in-completion of the program is a combination of academic grades and personal withdraw reasons. The radiography program admission standards are going to be assessed. More emphasis is going to be placed on academic support workshops and other support offerings. The instructors are reenforcing that peer study groups should be taking place along with instructor tutoring.

PE 2: The outcome needs the terminology added within six months, therefore the 2012 results are not yet complete due to the timeframe. The terminology will be added on the next assessment plan. The results will be calculated once the timeframe has been reached. The instructors will be adding a requirement that all students must register for their free online resources that are available with the textbook. Also, the instructors will be implementing a Corectec Challenge Program at the end each of the didactic courses that apply, to insure all material is covered and understood. New benchmark scores and requirements are going to be placed in RAD2303 Radiography Seminar, using the Corectec Online Radiography Review and RAD2203 General Registry Review, using the HESI exam.

PE 3: The outcome needs the terminology added and defining satisfied, Students will strongly agree that they are satisfied with the education they received in the radiography program. The terminology will be added on the next assessment plan. The results exceeded the benchmark. The benchmark will be elaborated upon the next assessment plan.

PE 4: The outcome needs the terminology added actively seeking. The terminology will be added on the next assessment plan. The results have not yet been calculated due to the timeframe. The results will be calculated once the timeframe has been reached.

PE 5: The results have not yet been calculated due to the timeframe. The results will be calculated once the timeframe has been reached.