

National Park Community College

Radiography Program

Outcomes Assessment Evaluation Fall 2011 – Summer 2012

**Mission: Provide selected students the clinical and didactic education necessary to create a sound foundation for graduates to qualify as contributing members in the professional career of Radiologic Technology.**

<b>Goal #1 Students are clinically competent.</b>					
Outcomes	Measurement Tool	Benchmark	Time Frame/ Responsible Party	Results	Analysis/Action plan
1.1 Students will position patients.	A. Simulated Lab Practical Evaluation Form	A. Students will average $\geq$ 80% at end of 2 <sup>nd</sup> semester.  Students will average $\geq$ 85% at end of 3 <sup>rd</sup> semester.	A. End of 2 <sup>nd</sup> and 3 <sup>rd</sup> Semesters  Clinical Instructors	N/A	
	B. Student Performance Evaluation Form (#10) (Positioning)	B. Students will average $\geq$ 3.0 on scale of 1 – 5 at end of 3 <sup>rd</sup> semester.  Students will average $\geq$ 4.0 on scale of 1 – 5 at end of 5 <sup>th</sup> semester.	B. End of 3 <sup>rd</sup> and 5 <sup>th</sup> Semesters  Clinical Instructors	N/A	
1.2 Students demonstrate knowledge of patient care.	A. Student competency Evaluation Form (#4) (Pt. management/pt. care)	A. Students will average $\geq$ 80% at end of 3 <sup>rd</sup> semester.  Students will average $\geq$ 85% at end of 5 <sup>th</sup> semester.	A. End of 3 <sup>rd</sup> and 5 <sup>th</sup> Semesters  Clinical Instructors	N/A	
	B. Student Performance Evaluation Form (#9) (Patient care)	B. Students will average $\geq$ 3.0 on scale of 1 – 5 at end of 3 <sup>rd</sup> semester.  Students will average $\geq$ 4.0 on scale of 1 – 5 at end of 5 <sup>th</sup> semester.	B. End of 3 <sup>rd</sup> and 5 <sup>th</sup> Semesters  Clinical Instructors	N/A	

1.3 Students demonstrate radiation protection.	A. Student competency Evaluation Form (#8) (Radiation safety and protection)	A. Students will average $\geq$ 80% at end of 3 <sup>rd</sup> semester.  Students will average $\geq$ 85% at end of 5 <sup>th</sup> semester.	A. End of 3 <sup>rd</sup> and 5 <sup>th</sup> Semesters  Clinical Instructors	N/A	
	B. Radiation Protection and Biology (RAD 1902) Final Exam	B. Students will average $\geq$ 75% .	B. End of 2 <sup>nd</sup> semester  Program Faculty	N/A	

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<b>Goal #2 Students possess critical thinking skills.</b>					
Outcomes	Measurement Tool	Benchmark	Time Frame/ Responsible Party	Results	Analysis/Action plan
2.1 Students will perform non-routine procedures.	A. Student trauma competency evaluation form	A. Students will average $\geq$ 80% at end of 3 <sup>rd</sup> semester.  Students will average $\geq$ 85% at end of 5 <sup>th</sup> semester.	A. End of 3 <sup>rd</sup> and 5 <sup>th</sup> semester.  Program Faculty	N/A	
	B. Student performance evaluation form (#8) (Problem Solving)	B. Students will average $\geq$ 3.0 on scale of 1 – 5 at end of 3 <sup>rd</sup> semester.  Students will average $\geq$ 4.0 on scale of 1 – 5 at end of 5 <sup>th</sup> semester.	B. End of 3 <sup>rd</sup> and 5 <sup>th</sup> semesters.  Clinical Instructors	N/A	
2.2 Students demonstrate proficiency in film critique.	A. Student competency evaluation form (#10) (Image evaluation)	A. Students will average $\geq$ 80% at end of 3 <sup>rd</sup> semester.  Students will average $\geq$ 85% at end of 5 <sup>th</sup> semester.	A. End of 3 <sup>rd</sup> and 5 <sup>th</sup> semesters.  Program Faculty	N/A	
	B. Radiographic Procedures III film critique final	B. Students will average $\geq$ 85% .	B. End of 3 <sup>rd</sup> semester.  Program Faculty	N/A	

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<b>Goal #3 Students are professional.</b>					
Outcomes	Measurement Tool	Benchmark	Time Frame	Results	Analysis/Action Plan
3.1 Students will understand professional ethics.	A. Introduction to Radiography (Ethics Test #2)	A. Students will average $\geq$ 85% .	A. End of 1st semester.  Program Faculty	N/A	
	B. Radiographic Procedures III (Ethical Behavior Test #3)	B. Students will average $\geq$ 85% .	B. End of 3 <sup>rd</sup> semester.  Program Faculty	N/A	
3.2 Students will demonstrate professional behavior.	A. Student performance evaluation form (#1, 2, 3, 4, 5, 7, 8)	A. Students will average $\geq$ 3.0 on scale of 1 – 5 at end of 3 <sup>rd</sup> semester.  Students will average $\geq$ 4.0 on scale of 1 – 5 at end of 5 <sup>th</sup> semester.	A. End of 3 <sup>rd</sup> and 5 <sup>th</sup> semesters.  Clinical Instructors	N/A	
	B. Introduction to Radiography (Professional attitudes and communication) (Attitude section only Test #3)	A. Students will average $\geq$ 85% .	B. End of 1 <sup>st</sup> semester.  Program Faculty	N/A	

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<b>Goal #4 Students communicate effectively.</b>					
Outcomes	Measurement Tool	Benchmark	Time Frame	Results	Analysis/Action plan
4.1 Students communicate effectively in the clinical setting.	A. Student Performance Evaluation form. (#5) (Communication)	A. Students will average $\geq$ 3.0 on scale of 1 – 5 at end of 3 <sup>rd</sup> semester.	A. End of 3 <sup>rd</sup> and 5 <sup>th</sup> semesters.	N/A	
		Students will average $\geq$ 4.0 on scale of 1 – 5 at end of 5 <sup>th</sup> semester.	Clinical Instructors		
	B. Student competency evaluation form (#2) (Patient Assessment/Communication)	B. Students will average $\geq$ 80% at end of 3 <sup>rd</sup> semester.	B. End of 3 <sup>rd</sup> and 5 <sup>th</sup> semesters.	N/A	
		Students will average $\geq$ 85% at end of 5 <sup>th</sup> semester.	Clinical Instructors		
4.2 Students perform oral presentations.	A. Oral presentations in Radiographic Procedures III. (RAD 1803) Rubric	A. Students will average $\geq$ 85% .	A. End of 3 <sup>rd</sup> semester.	N/A	
			Program Faculty		
	B. Oral presentations in Radiographic Pathology. (RAD 2803) Rubric	B. Students will average $\geq$ 90% .	B. End of 5 <sup>th</sup> semester.	N/A	
			Program Faculty		

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<b>Program Effectiveness Measures</b>					
Outcomes	Measurement Tool	Benchmark	Time Frame/ Responsible Party	Results	Analysis/Action Plan
Graduates pass ARRT Exam.	Registry pass rate on first attempt	75% first attempt pass rate over 5 year period.	Annually Program Faculty	N/A	
Graduates are prepared for employment.	Graduate survey (#1.7)	75% rate well prepared or above.	6 months post graduation Program Faculty	N/A	
Graduates are employed.	Graduate survey (#1.1)	75% are employed.	6 months post graduation Program Faculty	N/A	
Employers rate graduates as prepared for employment.	Employer Survey (#3.0)	75% rate graduates as prepared or above.	6 months post graduation Program Faculty	N/A	
Admitted students will complete the program.	Program completion rates	75% average completion over 5 years.	End of Program Program Faculty	N/A	