

METROPOLITAN COMMUNITY COLLEGE – PENN VALLEY

RADIOLOGIC TECHNOLOGY

OUTCOME ASSESSMENT PLAN

Program Outcomes

MCC Career and Technical Education (CTE) Program- Radiologic Technology

Program Outcome

Students will be workforce ready; demonstrating competence in the entry level skills of the profession.

Program Outcome Performance Indicator	Assessment Method(s)	Context for Assessment	Time of data collection	Assessment Coordinator	Evaluation of Results
Students will exhibit proper performance of radiographic procedures	RATE 172 Lab practical #3	Benchmark = 82% class avg.	1 st year Fall	Course faculty	
	RATE 176 Lab practical #2	Benchmark = 82% class avg.	1 st year Spring	Course faculty	
	RATE 279 Lab practical #1	Benchmark = 82% class avg.	2 nd year Fall	Course faculty	
Students will formulate appropriate technical factors	RATE 171 last lab grade	Benchmark = 82% class avg.	1 st year Fall	Course faculty	
	RATE 282 technique book	Benchmark = 90% average	2 nd year Spring	Clinical Coordinator	
	RATE 180 digital technique midterm questions	Benchmark = 85 % average	1 st year Spring	Course faculty	
Students will apply appropriate radiation protection	RATE 270 Final examination	Benchmark = 82% class avg.	2 nd year Fall	Course faculty	
	RATE 175 clinical progress report radiation safety category	Benchmark = 2.5 / 4 class avg.	1 st year Spring	Clinical instructor	
Result:					
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Program Outcome

Students will communicate effectively and appropriately.

Program Outcome Performance Indicator	Assessment Method(s)	Context for Assessment	Time of data collection	Assessment Coordinator	Evaluation of Results
Students will exhibit effective oral communication	RATE 165 oral presentation	Benchmark = 82% class avg.	1 st year Fall	Course Faculty	
	RATE 281 oral presentation	Benchmark = 82% class avg.	2 nd year Spring	Course faculty	
Students will construct effective written communication	RATE 285 modality project	Benchmark = 82% class avg.	2 nd year fall	Course faculty	
	RATE 278 research paper	Benchmark = 82% class avg.	2 nd year Spring	Course faculty	
Students will manage appropriate communication skills relative to the setting and purpose of the communication.	RATE 165 tech week project	Benchmark = 85% class avg.	1 st year Fall	Course Faculty	
Result:					

Program Outcomes

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Students will think critically and apply problem solving skills.

Program Outcome Performance Indicator	Curriculum or Courses (Strategies)	Assessment Method(s)	Context for Assessment	Time of data collection	Assessment Coordinator	Evaluation of Results
Students will adapt standard procedures for non-routine patients.	RATE 178	Random clinical competency for trauma for each student in positioning skill category item 2	Benchmark = 2.5 / 4 class avg.	2 nd year summer	Clinical instructor	
	RATE 279	Exam 2, Trauma questions	Benchmark = 82% class avg.	2 nd year Fall	Course faculty	
Students will evaluate radiographic images to determine diagnostic quality.	RATE 173	Clinical competency in Image Evaluation category item 3	Benchmark = 2.5 / 4 class avg.	1 st year Fall	Clinical instructor	
	RATE 176	Image evaluation project	Benchmark = 85% class avg.	1 st year Spring	Course faculty	
Result:						

Program Outcomes

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Students will exhibit professional growth and seek new knowledge.

Program Outcome Performance Indicator	Curriculum or Courses (Strategies)	Assessment Method(s)	Context for Assessment	Time of data collection	Assessment Coordinator	Evaluation of Results
Students will analyze their role in the health care team for comprehensive patient care.	RATE 165	Written report / essay	Benchmark = 85% class avg.	1 st year Fall	Course faculty	
	RATE 283	Self-evaluation	Benchmark = 85% class avg.	2 nd year Spring	Course faculty	
Program graduates will prepare and plan their continued pursuit of education.	Graduate Follow-up	ARRT status of graduates giving evidence of satisfying the CEU's necessary to maintain their certification	Benchmark= 85% will have satisfied the ARRT CEU requirements to maintain their certification in radiography	3 years after graduating from the program	Program coordinator	
	RATE 283	Employment plan	Benchmark= 100% will complete an employment plan survey, 90% will indicate plans for continued education or employment within the field	2 nd year Spring	Course faculty	
	RATE 283	Resume	Benchmark = 100% will prepare a resume	2 nd year Spring	Course faculty	
Result:						

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Indicators of program effectiveness.

Program Outcome Performance Indicator	Curriculum or Courses (Strategies)	Assessment Method(s)	Context for Assessment	Time of data collection	Assessment Coordinator	Evaluation of Results
Students will complete the program within 24 months	Retention Statistics	Annual report	Benchmark = 85% retention	Annually in May	Program Director	
Upon program completion, the graduate will pass the ARRT national certifying examination on the 1st attempt	ARRT 1st time passing rate	Annual report	Benchmark = 90% pass on the 1st attempt	Annually in November	Program Director	
Students who are actively seeking employment in the profession will achieve a position within 12 months following program completion	Career Placement statistics	Annual report	Benchmark = 90% graduate job placement or participate in advanced imaging education	Annually in May	Career Placement Advisor	
Students will verify that the program prepared them for entry level participation in the profession	Graduate Follow-up survey	Annual report	Benchmark = 85% are satisfied or very satisfied	Annually in May	Office of Research and Development	
Employers will verify that the program prepared the student for entry level participation in the profession.	Employer Follow-up survey	Annual report	Benchmark = 85% are satisfied or very satisfied	Annually in May	Office of Research and Development	
Result:						