

**Program Assessment Plan: 2021**

**To ensure continuous program improvement, the program employs an ongoing and systematic assessment process to measure and document student learning outcomes. The Antelope Valley College Radiologic Technology Program uses the following assessment plan to monitor its success.**

**GOAL # 1 Students will graduate with a high degree of clinical competency and knowledge.**

Outcomes	Measurement Tool	Benchmarks	Timeframe	Responsible Party	Results
Students will produce diagnostic images.	Clinical Image Evaluation form, line items 1-10.	Students will score an average of 3.0 or higher on image evaluation. (0 to 5 point scale)	1 <sup>st</sup> and 2 <sup>nd</sup> year of the program	Clinical coordinator, Program director, and Adjunct Faculty	Achieved
	Laboratory Image Evaluation form, on all line items.	Students will score an average of 3.0 or higher on image evaluation on imaging evaluation. (0 to 5 point scale)	1 <sup>st</sup> year of the program	Rad 103L and Rad 107L Instructors	Achieved
Students will apply positioning skills.	Student Clinical Evaluation form, sections 1-9. Grading scale 1-10.	Students will score an average of 75% or higher on demonstration of positioning skills. 100 points total (0 to 10 scale)	1 <sup>st</sup> and 2 <sup>nd</sup> year of the program	Clinical Instructors	Achieved
	Laboratory Positioning Book. ( Positioning Lab )	Students will score an average of 3.0 or higher on positioning demonstration form during laboratory practice.	1 <sup>st</sup> year of the program	Rad 103L and Rad107L Instructors	Achieved
Students will select appropriate technical factors.	Student Clinical Evaluation section 4 manual technique used.	Students will score an average of 75% or higher on proper selection of technical factors. Must score 3 or higher for 75% pass rate.	1 <sup>st</sup> and 2 <sup>nd</sup> year of the program	Clinical Instructors	Achieved
	Laboratory Image Evaluation form ( Laboratory imaging manual technique used)	Students will score an average of 3.0 or higher on knowledge of technique. (0 to 5 point scale)	1 <sup>st</sup> year of the program	Rad 103L and Rad 107L Instructors	Achieved
Students will practice proper radiation protection.	Student Clinical Evaluation form area	Students will score an average of 75% or higher on radiation protection for self and patient. (0-5 grading score)	1 <sup>st</sup> and 2 <sup>nd</sup> of the program	Clinical Instructors	Achieved
	Laboratory Positioning Book	Students will score an average of 75% or higher on patient shielding area of procedure evaluations ( 1-5 grading score)	1 <sup>st</sup> and 2 <sup>nd</sup> of the program	Instructors Rad 103L / 107L	Achieved

**Goal: #2 Students will graduate with effective oral and written communication skills**

Outcomes	Measurement Tool	Benchmarks	Timeframe	Responsible Party	Results
Students-will display effective Oral Communication Skills.	Student Clinical Competency Evaluation Form section 1	Students will score an average of 75% or higher for adequate patient communication on their clinical evaluation by greeting patients, introducing self, and checking I.D. bracelet. ( scale 0-5)	Fifth and Sixth Semesters	Clinical Instructors	Achieved
	Student Clinical Competency Evaluation Form Section 1	Students will score an average of 75% or higher for adequate patient communication on their clinical evaluation by explaining the procedure in lay terms and keeping patients informed of the examinations progress. (scale 0-5)	1 <sup>st</sup> and 2 <sup>nd</sup> year of the program	Clinical Instructors	Achieved
Students will display written communication skills.	APA Style Grading Rubric Score	Students will achieve a score of 75% or better on their pathology research paper (0-100%)	Third Semester	Instructor RADT 202	Achieved
	Student Clinical Evaluation Form	Students will score an average of 75% or higher for proper written communication when taking patient histories and closing out examinations. (0 to 100% scale)	1 <sup>st</sup> and 2 <sup>nd</sup> year of the program	Clinical Instructors	Achieved

**GOAL # 3 Students will graduate with critical thinking and problem solving abilities.**

Outcomes	Measurement Tool	Benchmarks	Timeframe	Responsible Party	Results
Students will possess critical thinking ability.	APA-Style-Grading Rubric Score	Students will demonstrate critical thinking by arriving at a sound conclusion on their pathology research paper and scoring 75% or better on grading scale	3 <sup>rd</sup> Semester	Instructor RADT 202	Achieved
	Student Clinical Evaluation Form Sections 1-10	Students will score an average of 75% or higher for critical thinking skills by manipulating technique for non-routine examinations. (0-5 scale)	1 <sup>st</sup> and 2 <sup>nd</sup> year of the program	Clinical Instructors	Achieved
Students will adapt positioning for trauma patients.	Student Clinical Competency Evaluations for Trauma and Portable	Students will score an average of 75% or better for problem solving abilities by demonstrating adaptability to difficult clinical examinations. ( scale 0-5 )	2 <sup>nd</sup> year of the program	Clinical Instructors	Achieved
	Trauma positioning Laboratory Competency Check Off	Students will demonstrate problem solving by scoring 75% or better on the "Hands-On" trauma positioning laboratory examination in their positioning lab class. ( 0-5)	2 <sup>nd</sup> year of the program	Instructor RADT 107L	Achieved

**GOAL #4 Students will graduate with the knowledge and practical skills that maintain the standards of professional and ethical values.**

Outcomes	Measurement Tool	Benchmarks	Timeframe	Responsible Party	Results
Students will understand the importance of ethical and professional behavior.	Ethics Final Examination on ARRT Prep Course	Students will demonstrate knowledge of ethics by achieving a score of 75% or better on their ethics final examination section (0 to 100% scale)	4 <sup>th</sup> Semester / final Semester	Instructors RADT 208	Achieved
	Student Clinical Evaluation Sections 1,2	Students will score an average of 75% or better on the ethical and professional areas of the Student Clinical Evaluations.(0-5 scale)	1 <sup>st</sup> and 2 <sup>nd</sup> year of the program	Clinical Instructors	Achieved
	Students will attend professional interview mock interview. (Interview addresses ethical and professional future goals).	All students will attend professional interview mock interview, asking professional and ethical questions ( 1-5 point scale with at least average 3 point score )	End of program	Program Director / Hospital Personal	Achieved
	Students will attend RADT 101 and pass ethical analysis tests	Students will understand and pass assessment test for course RADT 101 ethical analysis in all general areas of patient care with a 75% or better (grading scale 0-100%)	1 <sup>st</sup> Summer Course	Instructor RADT 101	Achieved
Students will pursue continued professional development.	Students Exit Survey	20% or more of graduating students will plan to seek advanced education. ( 20%-100% score scale)	End of program	Program Director	Known at this time 10% of students are continuing other modalities at university level training
	Student-Exit-Survey 6/10	70% or more of graduating students will plan to join the ASRT, CSRT, or other professional groups. (70% to 100% scale) and continue education other modalities	End of program	Program Director	Currently 60% of students are members. Not all surveys are back percentage will most likely increase

**GOAL # 5 The program will monitor or its overall effectiveness.**

Outcomes	Measurement Tool	Benchmarks	Timeframe	Responsible Party	Results
Students will complete the 1st year of the program.	Number of students entering the second year will be compared to the number beginning the program. 10/10=100%	80% of the students entering the program will continue on to the second year of the program (scale 0-100%)	End of the 1 <sup>st</sup> year	Program Director	Achieved
Students will complete the 2nd year and graduate from the program.	Number of students graduating from the program will be compared to the number beginning the program. 10/10=100%	80% of the students entering the program will continue on to complete the program. (0 to 100% scale)	End of second year	Program Director	Achieved
Students will pass the ARRT National Registry Examination on the first attempt.	ARRT Examination Results 9/10=90%	Over a rolling 5-year period, 80% of the students graduation from the program will pass the National Registry on 1 <sup>st</sup> attempt ( 0 to 100% scale)	Annually upon receipt	Program Director	Achieved
Graduates will be satisfied with their education.	Student Exit Survey From sections satisfaction area	Intern Exit surveys will average 3's or better for program and curriculum satisfaction.(0 to 5 point scale)	End of program	Program Director	Achieved
Employer will be satisfied with the graduate's performance	Clinical Education Setting Evaluation of Program	Clinical Education Setting Evaluation of Program survey's will average 3's or better for the program graduates. ( 0-5 point scale)	Up to 12 months after graduation	Program Director	Achieved
Graduates who desire employment will be employed within 12 months, after graduation.	Graduate Employment Telephone Form Survey or other electronic forms. 10/10=100%	Over a rolling 5-year period 75% of the graduates who desire employment, will be employed within 12 months after graduation ( 0 to 100% scale)	12 months after graduation	Program Director	Achieved