

New Course Sequence for Radiologic Technology Program 2024

RTEC Course FIRST Year	SPRING - 16 weeks 1 st Semester	SUMMER-8 weeks 2 nd Semester	FALL- 16 weeks 3 rd Semester	WIN- 5 weeks 4 th Semester
Clinical Courses Hrs. arranged :	RTEC 106 (4.0) 216hrs ~14 hrs/week	RTEC 109 (2.5) 135 hrs ~ 20 hr/week	RTEC 107 (7.0) 378 hrs ~ 24 hrs/week	RTEC 104 (1.5) 81 hrs ~ 17 hrs/ week
Academic Classes	RTEC 111 (4.0) RTEC 123 (4.0)		RTEC 124 (4.0) RTEC 93 (1.0)	
TotalUnits/sem	12 units	2.5 units	12 units	1.5 units
SECOND YEAR	SPRING - 16 weeks 5 th Semester	SUMMER 8 wks 6 th Semester	FALL- 16 weeks 7 th Semester	WIN- 5 wks (Post Grad) 8 th Semester
Clinical Courses Hrs. arranged :	RTEC 217 (7.0) 135 hrs ~ 24 hrs/week	RTEC 220 (3) 161 hrs ~ 24hr/week	RTEC 218 (7.0) 378 hrs ~24 hrs/week	RTEC 216 (2) 108 hrs ~ 22 hrs/ week
Academic Classes	RTEC 233 (3.0) RTEC 244 (4.0)		RTEC 255 (4.0) RTEC 91 (2.0) *ECC GRAD*	
Total Units/sem	14 units	3 units	13 units	2 units
Post Grad Winter & Spring	9 th Semester SPRING – 8 wks RT328 (4.5) 189hrs 1 Lect & 3.5 Clinical* Clinical~ 24 hrs *Completion*	<ul style="list-style-type: none"> A.S Degree Graduation at end of the 7th FALL Semester Completion Ceremony at end of 8th week – SPRING SEMESTER 		
Total Units/sem	4.5 units	Note – Clinical hours listed are averaged weekly and estimated to account for holidays and end of semester finals and check out days – to ensure students complete the required hours for that semester. (2 clinical absences are allowed for Spring & Fall semester only. Other semesters absences must be made up.)		
Change -328 Lect/Lab hrs beginning SP 2025 3 Lecture Units – 1.5 lab units 81 hr Clinical				

El Camino College-Radiologic Technology Program

COURSE REQUIREMENTS:

MASTER EDUCATION PLAN

(Review DC 6.2023)

Prerequisite courses for the Rad Tech Major and AS Degree *	Units	Radiologic Technology Courses			Units
Anatomy 32-Princ of Human Anatomy/34A	4	RTEC 91	Radiographic Pathology	2	
Physiology 31-Human Physiology /34B	4	RTEC 93	Venipuncture & Pharmacology for the RT	1	
RTEC A-Introduction to Radiologic Technology	3	RTEC 104	Clinical Education 1	1.5	
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Psychology 101- General Psychology	3	RTEC 107	Clinical Experience 2	7	
Computer Info Systs 13 – Intro to Computers	3	RTEC 109	Clinical Experience 3	2.5	
Math (AS GE –area 6) – Elementary Algebra	4	RTEC 111	Fundamentals of Radiologic Technology	4	
English 1A – Reading and Composition	4	RTEC 123	Radiographic Positioning 1A	4	
Medical Terminology 1	3	RTEC 124	Radiographic Positioning 1B	4	
Humanities Course (AS GE –Area3)	3	RTEC 217	Clinical Experience 4	7	
Contemporary Health, 3- PE (AS GE –Area 5)	3	RTEC 218	Clinical Experience 5	7	
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Total Units	37	RTEC 233	Radiographic Positioning 2	4	
• Equivalent Courses <u>may</u> be taken at other colleges		RTEC 244	Radiation Physics, Equipment & Rad Safety	4	
• Meet with a Counselor for Articulation with ECC		RTEC 255	Advanced Imaging/Special Procedures	4	
• All courses on this side must be completed prior to acceptance into the program.		Post Grad			
		RTEC 216	Clinical Education 2	2	
		RTEC 328	Clinical Experience 7 & RAD Review	<u>4.5</u>	
TOTAL UNITS – 102.5			Program Total Units	65.5	
			Clinical = 37.5 Didactic = 28.0		