

El Camino College  
Radiologic Technology Program  
**MASTER EDUCATION PLAN**

(Rev DC 3/2017)

**COURSE REQUIREMENTS:**

<b>Prerequisite courses for the Rad Tech Major and AS Degree *</b>	<b>Units</b>	<b>Radiologic Technology Courses</b>			<b>Units</b>
Anatomy 32-Principles of Human Anatomy	4	RTEC 91	Radiographic Pathology		2
Physiology 31-Human Physiology	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 5- General Psychology	3	RTEC 107	Clinical Experience 2		7
Computer Info Sys 13 – Intro to Computers	3	RTEC 109	Clinical Experience 3		2.5
Math 40 or Math 41B – Elementary Algebra	4	RTEC 111	Fundamentals of Radiologic Technology		4
English 1A – Reading and Composition	4	RTEC 123	Radiographic Positioning 1A		4
Medical Terminology	3	RTEC 124	Radiographic Positioning 1B		4
Humanities Course	3	RTEC 216	Clinical Education 2		2
Contemporary Health, 3- PE	3	RTEC 217	Clinical Experience 4		7
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<b>Total Units</b>	<b>37</b>	RTEC 220	Clinical Experience 6		3
Equivalent Courses <u>may</u> be taken at other colleges		RTEC 233	Radiographic Positioning 2		4
Meet with a Counselor for Articulation with ECC		RTEC 244	Radiation Physics, Equipment, and Safety		4
<b>*RTEC A must be completed at ECC</b>		RTEC 255	Advanced Imaging/Special Procedures		4
		RTEC 328	Clinical Experience 7 & Lecture Review		<u>4.5</u>
			<b>Program Total Units</b>		<b>65.5</b>

**COURSE SEQUENCING**

**Clinical = 37.5 Didactic = 28.0:**

- All courses on the left must be completed prior to acceptance into the program.

**Radiologic Technology Program Course Sequencing:**

RTEC Course (Units) and Hours for Clinical courses are listed

	FALL - 16 weeks	SPRING - 16 weeks	SUMMER-8 weeks
<b>FIRST YEAR</b>	<b>1<sup>st</sup> Semester</b>	<b>2<sup>nd</sup> Semester</b>	<b>3<sup>rd</sup> Semester</b>
Clinical Courses	RTEC 106 (4.0)	RTEC 107 (7.0)	RTEC 104 (1.5) ~27 hrs.
Hrs. arranged :	~14 hrs./week 16 weeks	24 hrs./week	RTEC 109 (2.5) per week
Academic Classes	RT 111 (4.0) RT 123 (4.0)	RT 124 (4.0)	
<b>SECOND YEAR</b>	<b>FALL 4<sup>th</sup> Semester</b>	<b>Winter* 5<sup>th</sup> semester</b>	<b>SPRING 6<sup>th</sup> Semester</b>
Clinical Courses	RTEC 217 (7.0)	RTEC 216 (2)	RTEC 218 (7.0)
Hrs. arranged :	24 hrs/wk 16 weeks	~22 hr/wk 5 weeks	24 hrs/wk 16 weeks
Academic Classes	RT 233 (3.0) RT 91 (2.0) RT 244 (4.0) RT 93 (1.0)		RT 124 (4.0)
<b>POST SESSION</b>	<b>8<sup>th</sup> Semester (Units) 6 week – Post session</b>	<b>*Winter Session for the Second Years students Returned Jan 2017</b>	
Combo Course	RT 328 (4.5)		
Clinical Hrs. TBA	34 hrs/wk clinical		
Lecture	Review Lecture (1.0)		