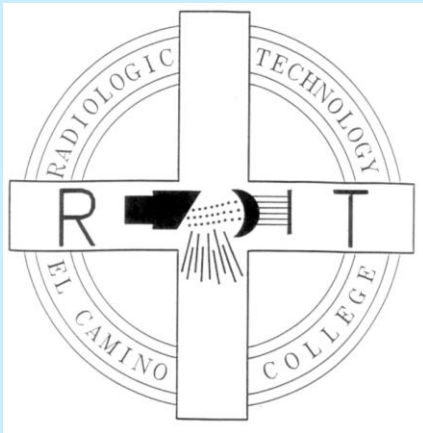


EL CAMINO COLLEGE RADIOLOGIC TECHNOLOGY PROGRAM



***APPLICATION AND PROGRAM
INFORMATION -***

2017 Fall revised DC

**AWARDED THE JRCERT MAXIMUM
ACCREDITATION OF 8 YEARS ! 😊
Awaiting new award....**



This Presentation...

- Is intended to provide information
- Application process for the Radiologic Technology Program at ECC
 - <http://www.elcamino.edu/academics/healthsciences/radiologictech/index.aspx>
- You can view this entire presentation at www.elcamino.edu/faculty/dcharman

Key Points

- Program Information
- How to Apply and who can apply?
- What classes are needed
- Is there a waiting list?
- What does it take to become an R.T.?

RADIOLOGIC TECHNOLOGY

A

“HIGH TECH” – “HIGH TOUCH”
PROFESSION

Caring for others

Helping others

Radiography of the past and present

Film Imaging to
DIGITAL IMAGING

THE PROFESSION & SKILL LEVELS
ARE CHANGING!

Digital Imaging is here at ECC
1st College to get digital

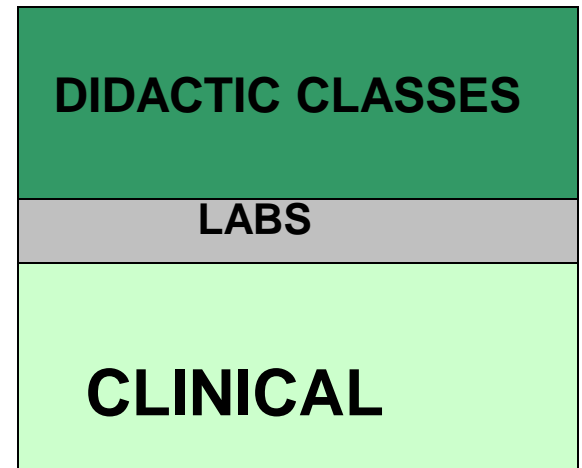
Different Types of RT Programs

- University-based
- College-based
- Hospital-based
- Military
- Commercial Schools



RT Programs

Didactic and Clinical Education



EL CAMINO COLLEGE
IS SIMILAR TO THIS
MODEL

Some Programs
SIMILAR TO THIS MODEL

To get the List of RADIOGRAPHY SCHOOLS (in California)

- www.csrt.org
- www.cdph.ca.gov/rhb
- www.jrcert.org

Questions to ask programs...

- What is your accreditation & how long?
- What is your pass rate for ARRT?
- How many students find jobs after graduation?
- How many students start and finish?
- What are your costs to attend?
- How many faculty & clinical sites?
- Do you have a website?

Program webpage

Program Effectiveness Data

(11/08/17 DC)

Benchmark:		90%		90%		75%		75%		(75%)
YEAR OF COMPLETION	Graduates From ECC Program	ARRT EXAM 1 st Attempt # of Students Taking / Passing	ECC Students Yearly % PASS RATE	ARRT EXAM 1 st Attempt- 5 Year Average # Taking / Passing	% Pass 5 Year Average	% Seeking & Found Employment Within 6 Months (12 mo. in 2014)	# Seeking & Found Employment 5 year average	Jobs 5 year Average %	# of Students Completing /Entering Program	Completion/ Retention Rate %(PCR)
2005	20	16/16	100%	71/75	94.6%	20/20	100 %	74/74	100%	91%
2006	14	17/17	100%	71/74	95.6%	14/14	100 %	74/74	100%	78%
2007	21	22/22	100%	80/82	97.5%	21/21	100 %	80/80	100%	95.5%
2008	18	18/18	100%	88/89	99%	15/17	90%	88/89	98%	85.7%
2009	15	15/15	100%	87/87	100%	10/13	80%	80/85	94%	75%
2010	18	18/18	100%	89/89	100%	12/16	75%	72/81	89%	75%
2011	13	13/13	100%	86/86	100%	9/11	83%	67/78	85.6%	62%
2012	15	15/15	100%	79/79	100%	11/14	80%	57/71	80%	65%
2013	18	18/18	100%	79/79	100%	14/15	93%	56/69	81%	75%
2014	20	20/20	100%	84/84	100%	20/20	100%	66/76	86.8%	83%
2015	17	17/17	100%	83/83	100%	14/14	100% within 6mo	69/74	93.%	74%
2016	19	19/19	100%	89/89	100%	19/19	100%	78/82	95.1%	86.4%
2017	18	18/18	100%	89/89	100%	na	na	na	na	18/23* (78.3%)
2018										19/23* (82.6%) As of Jun2017 2 nd yr
2019										23/23* 100% 1 st yrs

ON Program webpage- SCHOOL PASS RATES

California Diagnostic Radiologic Technology Schools

Annual Radiography Examination Pass Rates - Updated March 23, 2017

School (35)	2016 # Tested	2016 % Passed	2015 # Tested	2015 % Passed	2014 # Tested	2014 % Passed	2013 # Tested	2013 % Passed	2012 # Tested	2012 % Passed
American Career College	11	36.4 *	*	*	*	*	†	†	†	†
Antelope Valley College	10	100.0	*	*	9	100.0	*	*	8	100.0
Arrowhead Regional Medical Center School of Radiologic Technology	8	87.5	9	88.9	8	100.0	8	50.0 *	12	91.7
Bakersfield College	20	85.0	17	94.1	23	91.3	16	81.3	18	94.4
Brightwood College Kaplan	59	94.9	50	76.0	105	71.4 *	160	65.9 *	119	61.3 *
Cabrillo College	15	100.0	21	100.0	16	93.8	15	93.3	13	92.3
California State University Northridge	23	95.7	31	100.0	19	100.0	20	100.0	21	95.2
Cañada College	18	100.0	17	100.0	15	100.0	18	100.0	16	100.0
Chaffey College	24	100.0	26	100.0	23	100.0	19	94.7	17	100.0
Charles R. Drew University of Medicine and Science	20	70.0 *	22	77.3	16	81.3	23	52.2 *	16	81.3
City College of San Francisco	21	100.0	22	100.0	17	100.0	18	94.4	23	100.0
Cypress College	32	90.6	32	93.8	33	90.9	23	95.7	28	100.0
East Los Angeles Occupational Center	14	92.9	9	66.7 *	14	100.0	15	100.0	7	100.0
El Camino Community College	19	100.0	17	100.0	20	100.0	18	100.0	17	100.0
Foothill College	19	100.0	22	100.0	30	96.7	28	100.0	24	100.0
Fresno City College	27	88.9	31	96.8	29	93.1	31	93.5	26	92.3
Gurnick Academy of Medical Arts	29	86.2	17	100.0	12	91.7	7	85.7	3	66.7 *
Kaiser Permanente School of Allied Health Sciences	35	100.0	39	97.4	97	100.0	39	97.4	43	95.3
Loma Linda University	41	82.9	52	71.2 *	40	70.0 *	45	77.8	38	94.7
Long Beach City College	21	81.0	27	51.9 *	21	85.7	14	64.3 *	18	83.3
Los Angeles City College	24	83.3	23	91.3	28	92.9	20	100.0	26	96.2
Los Angeles County Harbor-UCLA Medical Center	6	83.3	6	100.0	7	71.4 *	8	100.0	10	100.0
Merced College	14	100.0	13	92.3	13	92.3	16	100.0	14	100.0
Merritt College	16	87.5	13	100.0	20	85.0	23	82.6	16	81.3
Mills-Peninsula Health Services School of Diagnostic Imaging	6	100.0	6	100.0	6	100.0	6	100.0	6	100.0
Moorpark College	17	94.1	21	100.0	15	100.0	18	100.0	21	100.0
Mt. San Antonio College	32	78.1	30	90.0	19	89.5	25	84.0	16	100.0
Orange Coast College	22	100.0	17	94.1	23	95.7	20	85.0	22	86.4
Pasadena City College	21	90.5	17	100.0	19	94.7	22	77.3	28	100.0
Pima Medical Institute	45	100.0	17	100.0	44	100.0	22	100.0	23	100.0
San Diego Mesa College	23	100.0	21	95.2	20	95.0	24	100.0	29	100.0
San Joaquin General Hospital	8	100.0	12	91.7	10	100.0	6	100.0	9	100.0
Santa Barbara City College	32	90.6	26	92.3	30	83.3	29	96.6	30	100.0
Santa Rosa Junior College	17	100.0	16	87.5	*	*	16	87.5	17	100.0
Yuba College	17	94.1	*	*	11	100.0	32	96.9	43	100.0

Blue Highlights So. Calif. Schools in within 60 miles of Los Angeles



The El Camino College Experience

EL CAMINO COLLEGE

2016

Dr. Dena Maloney
PRESIDENT

Dr. Jean Shankweiler
VICE – PRESIDENT
Academic Affairs

Mr. Rory Natividad, Dean
Health Sciences and Athletics

Dawn Charman, MEd.,RT
Radiologic Technology
Program Director
RadTechDirector@elcamino.edu

Colleen Mc Faul, MEd,RT
Clinical Coordinator

Full time Faculty
Hiring for Fall 2018

Faculty & Clinical Educators

Sivi Carson, BSRT	Rosa Luna, RT
Naveed Hussain, BSRT	Eric Villa, RT
Tino Lopez, RT	Kim Angulo, BSRT
Sofi Shrestha, BSRT	Jeff Bradshaw, RT
Arshad Fazalbhoj,BSRT	*Matt Trites, RT
Jenny Little, MSRT	+hiring for SP 2018

Clinical Instructors

Kathleen Lopez, RT	Steve Eklund, RT
Isa Vasilescu, RT	Laura Papadakais, BSRT
Sandy Pederson, RT	Christine Marin, RT
Evelyn Mejia, RT	Lorraine Reynoso, RT
Alex Sanabria , RT	Tony Price, RT
	Sandy Pham, RT

Blue are ECC RT Program Grads

EL CAMINO COLLEGE RADIOLOGIC TECHNOLOGY PROGRAM

- 2 years of Radiologic Technology Program courses
 - INCLUDES CLASSES ON CAMPUS
 - WORKING/ TRAINING UNDER SUPERVISION AT THE CLINICAL SITES (HOSPITALS) WITH PATIENTS
- **FULL TIME / DAYTIME* PROGRAM**
 - Monday TO Friday *7:00 AM – 7:00 PM (approximate)
 - *Depending on the semester of attendance

ECC – Radiologic Technology Students

GRADUATE WITH



- A.S. (Associate in Science) Degree
- Radiologic Technology Certificate
 - Eligible to take national certification
 - Eligible to get state license

- The Program is **JRCERT** accredited
 - Step 1: ARRT: National Certification
 - Graduates are **eligible to apply** for certification exam for ARRT (R.T.)
 - Step 2: California Licensure
 - California Department of Public Health:
Radiologic Health Branch (C.R.T.) & (R) (F)
-
- Passing the ARRT exam and licensure is **necessary for employment.**

Supervision of Students

Clinical Instructors



- Direct supervision
 - Until students demonstrate competency
- Indirect Supervision
 - Once competency is demonstrated

LAB PRACTICE



Student Mentors: LAB



Image Review and Critique



HOW MUCH \$\$\$\$\$\$

- To attend ECC \$ 46* /unit
- PARKING \$36./semester + Health Fee
- End of program = 106 units + (\$2120 +)
- Textbooks = \$600- \$ 900
- Uniforms, Shoes, Markers = \$400
- License exam fees = \$400.
- APPROXIMATE TOTAL = \$4,000.
- (University \$110/unit to \$1000/unit)
- [Student RT Program Expenses](#) is linked on the RT webpage:

HOW MUCH \$\$\$\$\$\$

- To attend ECC \$46/unit
- End of program = 99 units +
- APPROXIMATE PROGRAM
- TOTAL = \$4,000 to \$ 5,000
 - High School (210 units) = free
 - University \$110/unit to \$1000/unit
 - Private RT Schools ~ \$30,000 to - \$65,000

What can you do NOW to prepare for a career in the Health Sciences?

APPLICATION
REQUIREMENTS



Application & Prerequisites

<http://www.elcamino.edu/academics/healthsciences/radiologictech/reqcourses.asp>

APPLICATION SPRING 2018

- The next Rad Tech Application period for is May 29 to June 21, 2018
- You must have completed all courses on list to file an application.
- If you have already completed all of the classes prior to the end of the Spring 2018 semester (6/8/18), then make your appointment with the counselors between May 29 – June 7, 2018
- If you have any classes in progress for Spring 2018, then make your appointment between June 18 to June 21.

RT PROGRAM PREREQUISITES – COURSE EVALUATION WORKSHEET
 (Fill out this form & bring with you to your counseling evaluation appointment)

Note – A minimum G.P.A. of 2.25 is required in all prerequisite coursework for an Application to the Program

COURSE NAME	Units	Grade	School Taken / Semester & Year
Radiologic Technology A (Course must be completed at ECC)*			<i>El Camino College/</i>
Anatomy 32 or Anatomy / Physiology 34 A (4 unit Equivalent course accepted)*			
Physiology 31 or Anatomy/ Physiology 34 B (4 unit Equivalent course also accepted)			
C. I. S. 13 (Intro to Computers) (3 unit Equivalent course accepted)			
English 1A (Reading & Comp) (4 unit Equivalent course accepted)			
Math 70, 73 or 80 (Intermediate Algebra) (Equivalent course accepted) ** (Math 40)			
Psych 5 (Intro to Psychology) (3 unit Equivalent course accepted)			
Prerequisite courses listed below may be <u>in process during the Spring Semester</u> at time of application - see RT Application for specifics			
<input type="checkbox"/> Medical Terminology 1 (3 unit Equivalent course accepted)			
<input type="checkbox"/> Humanities (see ECC Catalogue) (3 unit Equivalent course accepted)			
<input type="checkbox"/> Cont. Health or P.E Courses (3 unit Equivalent course accepted)			
Additional Personal Enrichment Courses – may be taken for additional points on the application – see RT Application for specifics			
<input type="checkbox"/> PE 201			
<input type="checkbox"/> Communication Studies 1 or 12			
<input type="checkbox"/> ESL 51 B or 51 C			
<input type="checkbox"/> Anatomy 30 (or equivalent)			

These classes count as double points

Note: It is strongly recommended that the first 3 courses listed be taken within 5 years of the application date, for success in the program.

? College Algebra Requirement ? – (possibly 2018-2019 year)

ALL COURSES on form must be completed to file a Spring Application

Anatomy & Physiology

- MUST BE A TOTAL OF **8 UNITS**
- Combo classes of 4, 5 or 6* units **WILL NOT** meet the requirement (ex. Anatomy 30)
- With a 6 unit you may be able to get a credit for Physiology
 - But will still have to take a 4 unit Anatomy class
- Take Medical Terminology (3units) *before Anatomy*
- Anatomy should be taken within **5 years*** from start of Program
- Take Anatomy 30 – before A&P (extra points)
- *Or take it as a “Refresher Course” if it has been more than 5 years*

SUGGESTIONS

It up to the INSTRUCTOR: prior similar course

- CIS 13 or Medical Term or equivalent*
 - Maybe be able to contact Instructor, enroll in class, then test out *

Longer than 5 YEARS: Anatomy & RTEC A:

- Take Refresher course

While waiting to get in -

- Take courses to transfer to BS program

Suggested Ed Plan:

- Complete prerequisites
- Meet with counselor for course completion and GPA
- Complete application
- Check by end of year – for updated INFO
- New information for year will be posted by Jan
- <http://www.elcamino.edu/academics/healthsciences/radiologictech>
 - <http://www.elcamino.edu/faculty/dcharman/2011%20Rad%20Tech%20App%20Packet%203.11.Finaldoc.pdf>

Courses taken at other colleges?

- Download Application/Course worksheet and take to counselors

–Janice Pon-Ishikawa

–Kelsey Iino

–Stephanie Bennett

–Chris Jefferies

Counseling appointments can now be scheduled on line- [go to MYECC](#)
to scheduled an online appointment

GPA

Radiologic Technology Program Application

This page to be completed by an ECC Counselor

Note – A minimum G.P.A. of 2.25 is required in all prerequisite coursework for an Application to the Program

Page 2 of 4

COURSE NAME (First 3 courses will count for double points)	Units Received	Grade Received	Grade Points	School Taken / Semester & Year completed												
Radiologic Technology A (Course must be completed at ECC)*				El Camino College/												
Anatomy 32 or Anatomy / Physiology 34 A (4 unit Equivalent course accepted)*				These classes count as double points												
Physiology 31 or Anatomy/ Physiology 34 B (4 unit Equivalent course also accepted)																
C. I. S. 13 (Intro to Computers) (3 unit Equivalent course accepted)																
English 1A (Reading & Comp) (4 unit Equivalent course accepted)																
Math 70, 73 or 80 (Intermediate Algebra) (Equivalent course accepted) **(Math 40)																
Psych 5 (Intro to Psychology) (3 unit Equivalent course accepted)																
Prerequisite courses listed below may be in process at time of application	Totals			GPA=												
<input type="checkbox"/> Medical Terminology 1# (3 unit Equivalent course accepted)				Total Points=												
<input type="checkbox"/> Humanities# (3 unit Equivalent course accepted)																
<input type="checkbox"/> Cont. Health or P.E Courses# (3 unit Equivalent course accepted)																
1 point is awarded for each course <u>completed</u> on this worksheet	Total Courses completed:	Total Points received for courses completed:														
Counselor Name: (please circle) Janice Ishikawa Kelsey Iino Rene Lozano	Counselor Signature: Date:			<table border="1"> <thead> <tr> <th>GPA</th> <th>POINT VALUE</th> </tr> </thead> <tbody> <tr> <td>GPA = 4.0</td> <td>25</td> </tr> <tr> <td>GPA = 3.5</td> <td>20</td> </tr> <tr> <td>GPA = 3.0</td> <td>15</td> </tr> <tr> <td>GPA = 2.5</td> <td>10</td> </tr> <tr> <td>GPA = 2.25</td> <td>5</td> </tr> </tbody> </table>	GPA	POINT VALUE	GPA = 4.0	25	GPA = 3.5	20	GPA = 3.0	15	GPA = 2.5	10	GPA = 2.25	5
GPA	POINT VALUE															
GPA = 4.0	25															
GPA = 3.5	20															
GPA = 3.0	15															
GPA = 2.5	10															
GPA = 2.25	5															

4.0 + 25 points

3.5 + 20 points

3.0 + 15 points

2.5 + 10 points

2.25 + 5 points

STUDY!

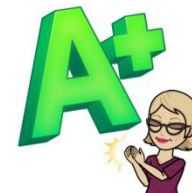
STUDY!

STUDY!

2.25 needed

For filing application, but it is a competitive process to get in

Looking for “well rounded” and caring individuals.....



Extra Points

How do I increase my possibility of getting into the program?

SEE APPLICATION ON LINE – pg. 4

Other Coursework

~~*Observation Hours/ Volunteer hours*~~

Community Service

etc.

This page to be completed by the applicant & points will be verified by a RT Faculty after the application is submitted –

Part 3 – Work Experience and/or Volunteer and Observation Experience			FOR OFFICIAL USE ONLY DO NOT WRITE IN THE COLUMN BELOW
<ul style="list-style-type: none"> Must be within completed within the last 5 years from the date of application to receive points 			
Criteria for Additional Points (see pg. 7 on Information Packet for details)	POINT VALUE	Applicant: in each section below: Mark YES or NO below & provide a brief description of what documents you are submitting	Eligible # of POINTS VERIFIED
7. Certificate of Completion for : Limited XT (X-ray Technician) LVN, RN, EMT or other Health Care occupations within past 5 yrs (Maximum 2 Certificates and/or 9 points)	5 points 4 points		
8. Limited /Radiologic Technician (XT or RT) work experience in direct patient care > 1000 hours of experience within past 5 yrs	8 points		
9. Other Health Occupations work experience with direct patient care > 1000 hours of experience - within past 5 yrs	4 points		
10. Other Work/Volunteer Experience while attending college (Working at least 16 hrs/wk while taking at least 6 units per semester) within past 4 yrs (Letter and transcripts needed)	1 point		
11. RT Program – Verified Clinical Experience * (in good standing) Greater than 1000 hours Rad Tech Courses: min of 12 units with a grade of B or better	~1 point ~1 point		
12. Volunteer in other Health Care area: (separate from #10) Direct patient care contact >40 hours In - Direct patient care contact >40 hours (Maximum 3 points)	1.0 points 0.5 points		
13. Community Service or /Service Learning : > 40 hours (Maximum 2 points)	1 point		
Documentation reviewed and points verified by:		Total Points received for page 4 =	

Note – If you are not sure about something – submit what you have with an explanation so that it can be evaluated for credit

See page #7 on RT Application Information Packet for details& instructions for documentation



**ALWAYS CHECK CURRENT APPLICATION
FOR UP TO DATE INFORMATION**

Part 3 – Work Experience and/or Volunteer and Observation Experience

- Must be within completed within the **last 5 years from the date of application** to receive points


FOR OFFICIAL USE ONLY
DO NOT WRITE
IN THE COLUMN BELOW

Criteria for Additional Points (see pg. 7 on Information Packet for details)		POINT VALUE	Applicant : in each section below: Mark YES or NO below & provide a brief description of what documents you are submitting	Eligible # of POINTS VERIFIED
7.	Certificate of Completion for : Limited XT (X-ray Technician) LVN, RN, EMT or other Health Care occupations within past 5 yrs (Maximum 2 Certificates and/or 9 points)	5 points 4 points		
8.	Limited /Radiologic Technician (XT or RT) work experience in direct patient care > 1000 hours of experience within past 5 yrs	8 points		
9.	Other Health Occupations work experience with direct patient care > 1000 hours of experience - within past 5 yrs	4 points		
10.	Other Work/Volunteer Experience while attending college (Working at least 16 hrs/wk while taking at least 6 units per semester) within past 4 yrs (Letter and transcripts needed)	1 point		
11.	RT Program – Verified Clinical Experience * (in good standing) Greater than 1000 hours Rad Tech Courses: min of 12 units with a grade of B or better	~1 point ~1 point		
12.	Volunteer in other Health Care area: (separate from #10) Direct patient care contact >40 hours In - Direct patient care contact >40 hours (Maximum 3 points)	1.0 points 0.5 points		
13.	Community Service or /Service Learning : > 40 hours (Maximum 2 points)	1 point		

Documentation reviewed

Total Points

Application Evaluation Criteria Form - continued

Work Experience and/or Volunteer and Observation Experience Must be within completed within the last 7 years from the date of application to receive points	
Description of requirements and or supporting documents that must be included with the application for credit -See Application for specific points	
Certificate of Completion for : Limited XT (X-ray Tech) LVN, RN, EMT or other Health Care occupations	Licensed or certificated healthcare worker requires a copy of your current California certificate including your certificate number, date of issue and date of expiration to be included in the application packet. For Military Medical Tech (Medic) - Copy of Certificate issued by Armed Forces division
Limited Radiologic Technician (XT) work experience in direct patient care > 1000 hours of experience	Proof of Work Experience: Letter from current/former employee verifying employment. The letter must be on organizational letterhead with an original signature and must include applicant's name, start date and end date (if applicable), employee status (full-time/part-time), number of hours worked per week (or total hours from/to date), job title, and examples of duties including type of patient interaction.
Other Health Occupations work experience with direct patient care > 1000 hours of experience	
RT Program – Clinical Experience > 500 hours experience > 150 hours experience	Previous admission into a Radiologic Technology Program. For applicants previously admitted in the ECC RT Program, applicant must submit a self-evaluation letter describing reasons for leaving program, and what steps have been taken to ensure success if applicant is readmitted into the ECC RT Program. Program Director will verify the number of clinical hours completed. If the program was not ECC, a letter from the Program's Director will be required - verifying attendance in program, number of clinical hours completed, and reasons for leaving the program early. This must be included in application to apply credit for previous clinical experience.
Other Work Experience credit while attending college	If you have maintained employment of at least 16 hours per week while attending college, you may be eligible to receive additional points on the application. Your Resume should reflect your education & work history. The letter from current/former employee verifying employment must be on organizational letterhead with an original signature and must include applicant's name, start date and end date (if applicable), employee status (full-time/part-time), number of hours worked per week (or total hours from/to date). If self-employed, a notarized letter will be accepted.
Observations hours in Radiology > 40 hours experience 25 – 40 hours experience  Eliminated 2017	Observation: Must include copy of observation verification form from ECC Faculty including clinical site, or a letter from the institution reflecting the observation, original signature, and a brief summary of activities. Observation must be in a Hospital Radiology Dept for full credit. Observation time spent in related imaging such as Radiation Oncology, Nuclear Medicine, MRI, Sonography, or a Radiology Out Patient Imaging center will receive partial credit, and evaluated on a case by case basis.
Volunteer in other Health Care area: Direct patient care contact with >40 hours experience	Volunteer: Submit a letter on the institution or organization's letterhead verifying volunteer service. The letter must include original signature and applicant's name, start date and number of hours volunteered and examples of duties including type of patient interaction.
Community Service or /Service Learning : > 24 hours experience	Community Service Documentation (letter or certificate) of participation in a community service to benefit a health care related organization or Volunteer / Service Learning for an area in the ECC Health Sciences & Athletics Division (ex: Avon Breast Cancer Walk, American Heart Assoc., Hospice, Health Fairs, Nursing Home, HS&A Division Student Volunteer) The letter must include original signature and applicant's name, start date and number of hours volunteered and examples of volunteer duties.

Important to PRINT out INSTRUCTIONS – to see what you need to do to verify the points section of the application.....

This page to be completed by the applicant
Points will be verified by a Radiologic Technology Program

Part 3 – Work Experience and/or Volunteer and Observation Experience

- Must be within completed within the last 7 years from the date of application

Criteria for Additional Points		POINT VALUE	Applicable documentation area by
8.	Certificate of Completion for : Limited XT (X-ray Technician) LVN, RN, EMT or other Health Care occupations	5 points per certificate	
9.	Limited Radiologic Technician (XT) work experience in direct patient care > 1000 hours of experience	10 points	
10.	Other Health Occupations work experience with direct patient care > 1000 hours of experience	5 points	
11.	RT Program – Clinical Experience > 500 hours experience > 150 hours experience	5 points 3 points	
12.	Other Work Experience credit while attending college	2 points	
13.	Observations hours in Radiology 25 – 40 hours experience	3 points 2 points	
14.	Volunteer in other Health Care area: Direct patient care contact with >40 hours experience	2 points	
15.	Community Service or /Service Learning : > 24 hours experience	1 point	

Documentation reviewed

Application Evaluation Criteria Form - continued

Work Experience and/or Volunteer and Observation Experience	
Must be within completed within the last 7 years from the date of application to receive points	
Description of requirements and/or supporting documents that must be included with the application for credit - See Application for specific points	
Certificate of Completion for : Limited XT (X-ray Tech) LVN, RN, EMT or other Health Care occupations	Licensed or certificated healthcare worker requires a copy of your current California certificate including your certificate number, date of issue and date of expiration to be included in the application packet. For Military Medical Tech (Medic) - Copy of Certificate issued by Armed Forces division
Limited Radiologic Technician (XT) work experience in direct patient care > 1000 hours of experience	Proof of Work Experience: Letter from current/former employee verifying employment. The letter must be on organizational letterhead with an original signature and must include applicant's name, start date and end date (if applicable), employee status (full-time/part-time), number of hours worked per week (or total hours from/to date), job title, and examples of duties including type of patient interaction.
Other Health Occupations work experience with direct patient care > 1000 hours of experience	
RT Program – Clinical Experience > 500 hours experience > 150 hours experience	Previous admission into a Radiologic Technology Program. For applicants previously admitted in the ECC RT Program, applicant must submit a self-evaluation letter describing reasons for leaving program, and what steps have been taken to ensure success if applicant is readmitted into the ECC RT Program. Program Director will verify the number of clinical hours completed. If the program was not ECC, a letter from the Program's Director will be required - verifying attendance in program, number of clinical hours completed, and reasons for leaving the program early. This must be included in application to apply credit for previous clinical experience.
Other Work Experience credit while attending college	If you have maintained employment of at least 16 hours per week while attending college, you may be eligible to receive additional points on the application. Your Resume should reflect your education & work history. The letter from current/former employee verifying employment must be on organizational letterhead with an original signature and must include applicant's name, start date and end date (if applicable), employee status (full-time/part-time), number of hours worked per week (or total hours from/to date). If self-employed, a notarized letter will be accepted.
Observations hours in Radiology > 40 hours experience 25 – 40 hours experience	Observation: Must include copy of observation verification form from ECC Faculty including clinical site, or a letter from the institution detailing the number of hours completed, supervisor signature, and one page summary of activities. Observation must be in a Hospital Radiology Dept for full credit. Observation time spent in related imaging such as: Radiation Oncology, Nuclear Medicine, MRI, Sonography, or a Radiology Out Patient Imaging center will receive partial credit, and evaluated on a case by case basis.
Volunteer in other Health Care area: Direct patient care contact with >40 hours experience	Volunteer: Submit a letter on the institution or organization's letterhead verifying volunteer service. The letter must include original signature and applicant's name, start date and number of hours volunteered and examples of duties including type of patient interaction.
Community Service or /Service Learning : > 24 hours experience	Community Service: Documentation (letter or certificate) of participation in a community service to benefit a health care related organization or Volunteer / Service Learning for an area in the ECC Health Sciences & Athletics Division (ex: Avon Breast Cancer Walk, American Heart Assoc., Hospice, Health Fairs, Nursing Home, HS&A Division Student Volunteer) The letter must include original signature and applicant's name, start date and number of hours volunteered and examples of volunteer duties.

HOW LONG WILL IT TAKE?

- IN ABOUT 3 – 4 YEARS
 - 1-2 years general education courses
- 2 years in the RT program
 - MUST BE 24 MONTHS FOR FULL ACCREDITATION

What else can
you do while waiting
to start
the program?

Recommendations for preparation while waiting

Review Application Information On Rad Tech Website For Updates

- Beginning Speech Class
- Adaptive PE Assistant Class **(PE 201)**
- ESL – Language & Communication classes
- THEATER ARTS – ACTING CLASS
- VOLUNTEER **HOURS** in *health care or other institution (hospice, nursing home) helping with care, additional PE 201, and other...
(no longer Hospitals due to HIPPA concerns)
- Take courses to meet BS requirements

More Suggestions

While waiting to start the program:

- WORK & SAVE YOUR \$\$\$\$\$\$\$\$
 - Recommended not to work more than 16 – 20 hours per week outside of program
- FULL TIME – DAY TIME PROGRAM
- Monday – Friday (No weekends)
- 7:00 AM – 7:00PM
- Optional 1 -2 weeks of evening shift last summer semester in the program

Who Can Apply

- Those who meet application requirements
- Prior to **ACCEPTANCE** to the Program:
 - Health Check
 - Background Check, Drug testing –
 - for Clinical (JCAHO)
 - “Pre- application” is possible
 - **Students MUST carry their own
HEALTH INSURANCE**
- **Note** – Students who have attended other RT Programs may have to supply additional information to the Program Director for eligibility.

PRE - SCREENING

- Background check— Criminal history
– **ARRT and CertifiedBackground.com**
- Health/ Physical EXAM – includes:
- TB Test (annually) / Hepatitis B Vaccine or waiver
- Influenza Vaccine or waiver
- Physical Fitness
- Up to date immunizations/Vaccinations
– MMR, varicella, etc..

The following services and tests can be obtained through
Student Health Services:

Physical Exam

- PPD
- Hemoglobin & Urinalysis
- STS
- HIV
- Pap
- * Lab prices subject to change, call and ask for current prices.

- Varicella Titer (Chicken Pox)
- MMR(measles, mumps, rubella)
- Flu vaccine
- Hepatitis vaccine
 - (Series of 3)
- Hepatitis B antibody, CBC, Rubella Titer

**Students MUST carry
THEIR OWN HEALTH INSURANCE
THROUGH OUT THE PROGRAM
REQUIRED TO PARTICIPATE IN CLINICAL**

SPECIAL NOTE REGARDING A.R.R.T. CERTIFICATION ELIGIBILITY

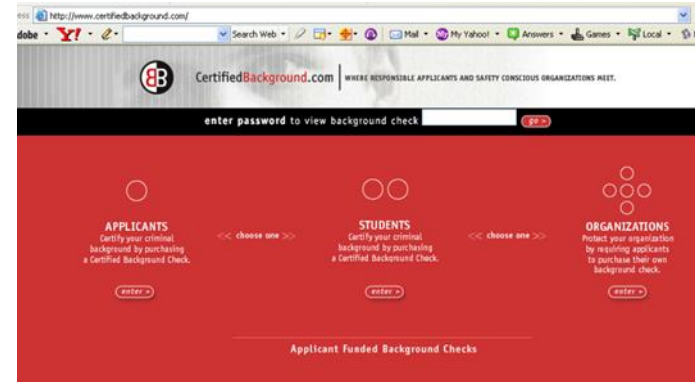
- Students **must** comply with the “Rules of Ethics” contained ARRT Standard of Ethics.
- The A.R.R.T. may deny applications for certification if the applicant has been found guilty of dishonesty, fraud, deceit, acts which deceive the public, felony, child abuse, sex offender crimes; acts involving narcotics, dangerous drugs or devices, assault and/or battery and other crimes.

SPECIAL NOTE REGARDING A.R.R.T. CERTIFICATION ELIGIBILITY

- Applicants having questions regarding limitations related to licensure should contact:
- **THE AMERICAN REGISTRY OF RADIOLOGIC TECHNOLOGISTS**
- **1255 NORTHLAND DRIVE**
- **ST. PAUL, MINNESOTA 55120-1155**
- **TEL: (651) 687-0048 Web Site:**
www.arrt.org
- **For a Pre-Application Packet \$75.00**

Background Checks

Now required by JACHO to work in an health care environment.




Castlebranch.com

- Program code is LC77
- **MUST BE COMPLETED BY 2nd Orientation**
- *if you have doubts that you will pass – you may want to do one NOW –
- contact the Program Director

Background & Drug Testing

- You must have a SS# to apply
- Your package includes one county criminal search.
- **You must list ALL counties lived in**
- If you have lived in 2 different counties within the past 7 years, **you must include payment for one additional county. (\$14/each)**
- **They will not begin your order until they have received payment in full.**
- **Any falsification will result in dismissal /non admittance from the program**



CertifiedBackground.com

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about

samples

security

disclaimer

contact

enter password to view background check

go >

> About Certified

> How does it work?

> Order Now

> No credit card?

> Forgot your password?

STUDENTS >

Please Review:

El Camino College-Rad Tech includes the following package contents:

Package : LC77
Residency History
County-Criminal
NW-Sexual Offender Index

Package Cost : \$40.00

Additional Information :

The standard package price is \$40. If you have lived outside your current county of residence within the past 7 years we will search that county or counties at \$14 each.

☐ I understand that El Camino College-Rad Tech may have instructed CertifiedBackground.com to conduct additional searches that may result in additional fees.

☐ I have read, understand and agree to the disclaimer.

Pay with Debit or Credit Card

[illegible]



CLINICAL AFFILIATES

(Observation HRS - No longer available)

- Santa Monica UCLA Medical Center
- Centinela Medical Center
- Marina Del Rey Hospital
- California Hospital Medical Center
- Kaiser Permanente Harbor City
- Torrance Memorial Medical Center
- Little Company of Mary – Torrance
- Little Company of Mary – San Pedro





WHEN TO APPLY – 2018

- No More Waiting List (Eliminated 2011)
- Application are accepted in SPRING:
Current History of Application timeframe
 - Spring 2012,13,14,15 -(early Spring ~ weeks 6-9)
 - Spring 2016 (end of Spring Wk 15, 16, &1 week post semester – allows students to take classes in Spring)
 - Spring 2017 (early Spring ~ weeks 6-9)
- Spring 2018 ?
 - Possibly return to end of Spring time period?
 - Watch RTEC Webpage for more details
- Applicants are notified by May 30 or earlier



Acceptance into the program....

Summer - Orientation begins
(MANDATORY)

2 days (June & Aug)

& Additional Orientation Classes
(1st 5 weeks of Fall*)



New class begins in Fall Semester

**Note: Must maintain minimum 75% in ALL
program coursework**



Approximate Costs to Start the Program ~\$ 1700.00

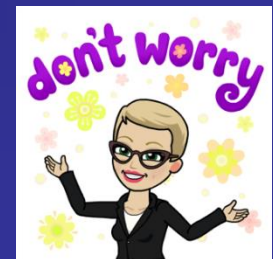
- Textbooks Total: ~ \$ 800 1st yr. 1st semester
- ~ \$ 200 2nd year
- Uniforms ~ \$ 200
- Health Physical & Tests ~ \$ 200
- CPR card ~ \$ 50
- Background Check ~ \$ 50
- Other Supplies ~ \$ 50
- Tuition, etc. (\$36/unit x 12 units) ~\$432

WHAT YOU WILL LEARN TO DO:

- Communicate
- Deliver Exceptional Patient Care
- Perform Radiographic Exams
- Challenge Yourself
- Make New Friends
- Learn Lots Of Information!
 - Develop Yourself More Than You Could Ever Realize!

RAD TECH PROGRAM COURSES

- ANATOMY
- POSITIONING
- RADIATION PHYSICS
- RADIATION PROTECTION
- RADIATION PRINCIPLES
- PATIENT CARE
- IMAGE PRODUCTION
- FILM CRITIQUE
- ETHICS
- PATHOLOGY
- SPECIAL PROCEDURES
- VENIPUNCTURE
- + 2000 CLINICAL HOURS



RADIOLOGIC TECHNOLOGY PROGRAM COURSES **sample**

FIRST YEAR	Fall	Spring	Summer
	1st Semester/ Units	2nd Semester/ Units	3rd Summer / Units
Clinical	R.T. 106 4	R.T. 107 7	R.T. 104 &109 4
hrs. arranged :	(12 - 15hrs/wk)	(24 hrs/week)	(*35 hrs/week)
Academic	R.T. 111 4 R.T. 123 4	R.T. 124 4	

*** WINTER SESSION WILL BE BACK AS OF 2017**

SECOND YEAR

	4th Semester /Units	5th Semester/ Units	6th Summer / Units
Clinical	R.T. 217 7	R.T. 218 7	R.T. 216/220 5
hrs. arranged :	(24hrs/wk)	(24 hrs/week)	(*40 hrs/week)
Academic	R.T. 233 3 R.T. 244 4	R.T. 255 4 R.T. 91 1 R.T. 93 1	

POST SESSION

7th. Semester Units (First 8 weeks of Fall Semester)

Clinical & Review Class	R.T. 328 4.5
hrs. arranged :	(24hrs/wk for 8 weeks + 3 hrs./ wk on campus review)

Sample

Want to be successful?

- Outside Job
 - LESS THAN 16 hrs. per week
- Healthy
 - Rest, exercise and eat well
 - Helps you COMBAT ILLNESS
- Support system
- Back up Plan
 - CHILDCARE
 - CAR PROBLEMS

- **ORGANIZATION IS A MUST!**
 - SCHEDULES (Planners – Free from Financial Aid)
 - LECTURE NOTES /HANDOUTS
- **SUPPLIES - 3 Notebooks Needed**
 - 15 TAB DIVIDERS / 3 RING NOTEBOOKS
 - KEEP CLASSES & CLINICAL PAPERS SEPARATE
- **4 GB FLASH DRIVE NEEDED/**
- **LAPTOP HELPFUL – IN CLASS – We have laptops available to use during class**
- ? Earplugs during exams
- ADA required accommodations
- STUDY GROUPS
- LAB PRACTICE
- CD REVIEW - **ELSEIVER ON LINE !!!!**
- ⁵⁸ **FACULTY WEB SITES FOR PP REVIEW!!!**

What does a Radiologic Technologist do?

Basic Job Duties &
Career Pathways

Early years in Radiologic Technology

- Nurses or nurses aides taught how to “take an x-ray”
- NO special education
- Only “ON THE JOB” training
- Experience the best teacher

What is a *RADIOLOGIC TECHNOLOGIST?*

- An important member of the HEALTH CARE TEAM
- Uses RADIATION to create IMAGES of the human body for medical diagnosis and treatment of disease or illness



The American Registry of
Radiologic Technologists®

Promoting High Standards of Patient Care by Recognizing Qualified Individuals
in Medical Imaging, Interventional Procedures, and Radiation Therapy.

300,000
Registrants
Strong

MY ARRT INFO ▶

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Did You Know...?

Radiologic Technologists

are the largest group of allied health
professionals in the country

What does a Radiologic Technologist do?

- Performs
radiographic
exams to help
in diagnosis &
treatment of
diseases, injury
and illnesses

SALARY RANGES

- NEW R.T. = \$ 25 -\$35 ++ PER HOUR
- ON-CALL + O.T. \$45,000 – \$60,000 YR
- ADVANCE SPECIALTIES
- \$ 30 - \$50 PER HOUR \$100 +++
- A *SHORTAGE* IN ALL HEALTH CARE –
- A GREAT NEED TO ACQUIRE NEW TECHNOLOGIST TO THIS AREA

OTHER PATHWAYS

- SALES
- APPLICATIONS SPECIALIST
- INDUSTRIAL X-RAY
- MANAGEMENT (DEGREE)
- EDUCATON

New - RA

- Radiology Assistant (Like PA)
- Weber State
- LLU
- 3 others in US
- BA degree
- \$\$\$\$ NEW GRADS = 100 K/YEAR
- PART OF RADIOLOGIST GROUP

NEED – JOB SECURITY

- PEOPLE ARE GETTING OLDER – LIVING LONGER
- TECHNOLOGIST ALSO GETTING OLDER
- NEED NEW, YOUNG PEOPLE TO TAKE OVER THE JOBS & TAKE CARE OF THE SICK AND ELDERLY

Have more Questions??

General Email:

RadTech@elcamino.edu

Program Website:

<http://www.elcamino.edu/academics/healthsciences/radiologictech/>



Mrs. Charman-

RadTechDirector@elcamino.edu

For your attention!

Thanks

