

Certificate Form

Certificates of Achievement (if applicable):

- A. An Annual Update must be completed for each Certificate of Achievement program.
- B. Programs with stackable certificates fill out the following form, which is included in the related degree program review.
- C. Stand-alone certificates fill out the entire Annual Update.

Name of Program: Radiologic Technology

Certificate Name	JSC	CA	Is the certificate stackable?	Is the certificate a stand alone program?
Principles of Venipuncture	X		Part of the AS Degree in Radiologic Technology	No
Principles of Fluoroscopy	X		Part of AS Degree in Radiologic Technology	No

Please discuss the following questions regarding all area Certificates of Achievement (CA):

1. List certificates that are proposed for addition. **None**
2. List certificates that are proposed for deletion. **None**
3. For this CA, what are the SOC codes (Occupational Titles and codes) that students who complete the CA will be able to obtain entry-level employment in, and what are the projected annual openings and median salary for each occupational title? You can use your latest Program Review data for your response.

*EMSI analysis based on **TOP code: 122500**

Radiologic Technology Descriptor	EMSI Historical Report 2013	EMSI Historical Report 2018	# Change	% Change
Number of Jobs in Kern County	346	383	+ 37	+ 10.7%
Number of Jobs in California	17,054	19,101	+ 2,047	+ 12.0%
Number of Jobs in United States (U.S)	194,804	208,023	+ 13,219	+ 6.8%

4. For this CA, what process was followed to ensure the required and possible elective courses were adequate for entry level employment (such as advisory committee input, surveys, industry feedback, licensing or accreditation agencies)? How often do/will you re-examine the effectiveness of certificate requirements?

Effectiveness is evaluated annually through the following processes:

- Clinical and faculty advisory meetings. Clinical advisory with clinical preceptors were held: 10/6, 12/6, 3/8 and 4/8 during the 2017-2018 academic year. Faculty meetings were held biweekly
- Annual Graduate surveys from class of 2016 shows 100% satisfaction with program education
- Annual successful pass-rates for national licensing exam through the American Registry of Radiologic Technologists (ARRT). 100% of May 2018 graduates passed the ARRT exam on the first attempt.
- Annual employer satisfaction surveys. Employer surveys from graduating class of 2016 demonstrate 100% satisfaction with graduating hires meeting entry-level expectations.

5. What is your annual completion target (number of certificates awarded) for this CA? What was the number of awards in this CA for each of the past three years? Based on your results, what changes could you make in your program to meet or continue to exceed your target (such as course content, scheduling/sequence, outreach, instructional strategies)?

Radiologic Technology Program Number of Awards/Completions			
Year Period	Associate in Science Degree	Venipuncture Job Skill Certificates	Fluoroscopy Job Skill Certificates
2016	20	20	20
2017	21	21	21
2018	18	18	18
3 year Total	59	59	59

Continued program and curriculum reviews are planned to maintain program effectiveness and job ready certification. The 2018 cohort had 3 students electively leave due to personal choice and 3 students exit the program due to change in medical status. At this time there is no plan to change sequence or content of courses. With 2/3 full-time faculty being new, the goal is to train effective teaching strategies and class management within the program.

6. Based on what you know about your area, what emerging/potential institutional factors (internal) and industry factors (external) will impact this certificate? How are you planning to incorporate these factors in your planning and evaluation of this certificate?

There are no known factors at this time. As a new Program Director and 2/3 new full-time faculty, program training in education is the clear goal. Weekly faculty meetings, semester advisory meetings with clinical preceptors, and establishment of working relationships with local managers are methods to maintain program effectiveness.

