



## TECHNICAL STANDARDS

The Radiologic Technology curriculum requires students to engage in diverse, complex, and specific experiences essential to the acquisition and practice of essential healthcare skills and functions. Unique combinations of cognitive, affective, psychomotor, physical, and social abilities are required to satisfactorily perform these functions. In addition to being essential to the successful completion of the requirements of the Radiologic Technology program, these technical standards are necessary to ensure the health and safety of patients, fellow candidates, faculty and other healthcare providers.

Below is a list of some of the technical standards required in the Radiologic Technology Program. These are examples of learning activities that students will be required to participate in during the program and not meant to be an exhaustive list of all technical standards.

Students in the Radiologic Technology program must be able to:

- Participate in classroom, clinical, and laboratory discussions and learning activities.
- Participate in intellectual activities requiring critical thinking, judgment, and analysis.
- Solve problems and plan care within reasonable time frames in complex environments.
- Move safely around the skills lab, patient rooms and in a variety of clinical settings.
- Assemble and transport a wide range of equipment and supplies to and from patient rooms and other clinical care areas.
- Assist patients with mobility, which may include moving patients in and out of beds, gurneys, chairs and x-ray examination tables.
- Move radiographic equipment and manipulate patient body parts to maximize efficiency and visibility of radiographic examinations.
- Work in tight spaces already crowded with other patient care apparatus.
- Manipulate radiographic and medical equipment and accessories by reaching, pulling, extending and flipping switches, rotating knobs and activating buttons.
- Safely wear an N-95 respirator when interacting with a patient in respiratory precautions.
- Communicate effectively with the patient or health care team including the ability to communicate with a patient from outside the room or with the patient facing away from you during radiographic examinations.
- Communicate with patients, caregivers, family members, and other healthcare personnel in a manner that is clear, articulate, accurate, and ensures that the plan of care is understood.
- Safely work in all levels of hospital or radiology department lighting that varies from low levels of illumination to bright light levels.
- Perform emergency care in a safe and timely manner including the initiation of life saving interventions such as CPR when indicated.
- Accurately document patient care on paper and/or in the online health record in a timely manner.
- Establish and maintain professional relationships with faculty, other students, staff of affiliating agencies, and members of the community.
- Express feelings and ideas in a professional manner.
- Provide and accept feedback respectfully.
- Adapt to unexpected changes and stressful situations.
- Maintain self-control during difficult situations.
- Exercise good judgment.
- Empathize with the feelings and situations of others.

## Non-Physical Demands

- Respond quickly and appropriately to emergency situation using the English language.
- Communicate with patients and staff at all times using the English language.
- Tolerate strong, unpleasant odors.
- Handle stressful situations related to technical and procedural standards and patient care situations.
- Provide physical and emotional support to the patients during radiographic procedures

## N-95 medical clearance

**Part A. Section 2.** Questions 1 through 14 below must be answered by every student.

Please check YES or NO.

1. Today's date: \_\_\_\_\_ Your student ID number: \_\_\_\_\_
2. If you do not have a student ID number please provide last 4 digits of SS# \_\_\_\_\_
3. This student is supervised by: Tammy Alander, MEd, RT(R), CRT Program Director
4. Your name: \_\_\_\_\_ Maiden Name: \_\_\_\_\_
5. Your age (to nearest year): \_\_\_\_\_ DOB \_\_\_\_\_
6. Sex : (check one) MALE FEMALE
7. Your height: \_\_\_\_\_ ft, \_\_\_\_\_ in
8. Your weight: \_\_\_\_\_ lbs.
9. Your job title: Radiologic Technology Student Intern
10. A phone number where you can be reached by the health care professional who reviews this questionnaire (include the Area Code): \_\_\_\_\_
11. The best time to phone you at this number: \_\_\_\_\_
12. Has the program director told you how to contact the health care professional who will review this questionnaire (check one)? Yes No ?
13. Check the type of respirator you will use (you can check more than one category):  
 N, R, or P disposable respirator (filter-mask, non-cartridge type only).
14. Have you worn a respirator (check one)? Yes No ? If YES, what type(s):  
\_\_\_\_\_

**Part A. Section 2.** Questions 1 through 14 below must be answered by every student who has been selected to use any type of respirator. Please check YES or NO.

1. Do you currently smoke tobacco, or have you smoked tobacco in the last month? Yes No ?
2. Have you ever had any of the following conditions?

- a. Seizures (fits)? Yes No ?
  - b. Diabetes (Sugar disease)? Yes No ?
  - c. Allergic reactions that interfere with your breathing? Yes No ?
  - d. Claustrophobia (fear of closed-in places)? Yes No ?
  - e. Trouble smelling odors? Yes No ?
  - f. High cholesterol? Yes No ?
3. Have you ever had any of the following pulmonary or lung problems?
- a. Asbestosis? Yes No ?
  - b. Asthma? Yes No ?
  - c. Chronic bronchitis? Yes No ?
  - d. Emphysema? Yes No ?
  - e. Pneumonia? Yes No ?
    - i) How long ago did you have pneumonia? \_\_\_\_\_
    - ii) Has the pneumonia completely resolved? Yes No ?
  - f. Tuberculosis? Yes No ?
  - g. Silicosis? Yes No ?
  - h. Pneumothorax (collapsed lung)? Yes No ?
  - i. Lung cancer? Yes No ?
  - j. Broken ribs? Yes No ?
    - i) How many ribs did you break? \_\_\_\_\_
    - ii) Do you currently have any rib pain? Yes No ? iii) Did your rib fracture result in any shortness of breath? Yes No ?
  - k. Any chest injuries or surgeries? Yes No ?
  - l. Any other lung problem that you've been told about? Yes No ?
    - i) Describe \_\_\_\_\_
4. Do you currently have any of the following symptoms of pulmonary or lung illness?
- a. Shortness of breath? Yes No ?
  - b. Shortness of breath when walking fast on level ground or walking up a slight hill or incline? Yes No ?
  - c. Shortness of breath when walking with other people at an ordinary pace on level ground? Yes No ?
  - d. Have to stop for breath when walking at your own pace on level ground? Yes No ?

- e. Shortness of breath when washing or dressing yourself? Yes No ?
  - f. Shortness of breath that interferes with your job? Yes No ?
  - g. Coughing that produces phlegm (thick sputum)? Yes No ?
  - h. Coughing that wakes you early in the morning? Yes No ?
  - i. Coughing that occurs mostly when you are lying down? Yes No ?
  - j. Coughing up blood in the last month? Yes No ?
  - k. Wheezing? Yes No ?
  - l. Wheezing that interferes with your job? Yes No ?
  - m. Chest pain when you breathe deeply? Yes No ?
  - n. Any other symptoms that you think may be related to lung problems? Yes No ?
5. Have you ever had any of the following cardiovascular or heart problems?
- a. Heart attack? Yes No ?
  - b. Stroke? Yes No ?
  - c. Angina? Yes No ?
  - d. Heart failure? Yes No ?
  - e. Swelling in your legs or feet (not caused by walking) Yes No ?
  - f. Heart arrhythmia (heart beating irregularly)? Yes No ?
  - g. High blood pressure? Yes No ?
  - h. Any other heart problem that you've been told about Yes No ?
6. Have you ever had any of the following cardiovascular or heart symptoms?
- a. Frequent pain or tightness in your chest? Yes No ?
  - b. Pain or tightness in your chest during physical activity? Yes No ?
  - c. Pain or tightness in your chest that interferes with your job? Yes No ?
  - d. In the past two years, have you noticed your heart skipping / missing beats? Yes No ?
  - e. Heartburn or indigestion that is not related to eating? Yes No ?
  - f. Any other symptoms that you think may be related to heart or circulation problems?  
Yes No ?
7. Do you currently take medication for any of the following problems?
- a. Breathing or lung problems? Yes No ?
  - b. Heart trouble? Yes No ?
  - c. Blood pressure? Yes No ?
  - d. Seizures (fits)? Yes No ?

8. If you've used a respirator, have you ever had any of the following problems?

(If you've **never** used a respirator, check the following space  and go question 9)

- a. Eye irritation? Yes No ?
- b. Skin allergies or rashes? Yes No ?
- c. Anxiety or Claustrophobia? Yes No ?
- d. General weakness or fatigue? Yes No ?
- e. Any other problem that interferes with your use of a respirator. Yes No ?

9. How often are you expected to use the respirator(s) (check YES or NO for all answers that apply to you)?

- a. ~~Escape only (no rescue):~~
- b. ~~Emergency rescue only:~~
- c. ~~Less than 5 hours per week:~~

d. Less than 2 hours per day: Yes No ?

e. ~~2 to 4 hours per day:~~

f. ~~Over 4 hours per day:~~

10. Work requiring respirator use is (check all that apply):

LIGHT MODERATE HEAVY

Examples of **light** work are: sitting while writing, performing light assembly work, and controlling machines.

Examples of **moderate** work are: standing while nailing, transferring a moderate load (about 35 lbs.) at trunk level, and walking on a level surface about 2 mph.

Examples of **heavy** work are: lifting a heavy load (about 50 lbs) from the floor to your waist, shoveling, and standing while bricklaying.

11. Do you normally have a beard, goatee, mustache, or other facial hair growth? Yes No ?

- a. Does your facial hair come in contact the seal of the respirator? Yes No ?

12. How much exercise (outside of work) do you get in a typical week?

Please explain:

13. Would you like to talk to the health care professional who will review this questionnaire about your

*Santa Rosa Junior College Health Sciences Department*

## REPORT OF PHYSICAL EXAMINATION

My signature below indicates that I have performed a complete history and physical examination on \_\_\_\_\_, a student admitted to the Santa Rosa Junior College Radiologic Technology Program In my opinion, this student:

### TECHNICAL STANDARDS

- Meets the physical and mental requirements listed above, or;
- Can meet the physical and mental requirements listed with reasonable accommodation.

### N-95

- Medically approved for use of all close fitting respirator equipment other than SCBA for which he/she has been properly fit tested. (Must not have facial hair at mask seal.) Can wear PAPR. Not
- medically approved for use of any respirator equipment.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Health Care Provider

Address \_\_\_\_\_

Phone number \_\_\_\_\_

~~~ Office Stamp here ~~~

## REASONABLE ACCOMMODATIONS

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Reasonable accommodations are modifications or adjustments that enable a qualified individual with a disability to perform the technical standards involved in a Health Sciences program. These accommodations may involve modification of the learning environment, changes in the manner or circumstances in which learning activities are performed, and/or changes that enable a qualified individual with a disability to enjoy equal benefits and privileges of participation in a Health Sciences program.

Please indicate below whether you require or do not require any reasonable accommodation[s] connected with any aspect of the program to which you have been admitted.

Based on my review of the *SRJC Health Sciences Health Requirements and Technical Standards* (initial **one** of the statements below):

I can meet the technical standards with reasonable accommodations. I will make an appointment with the SRJC Disabled Student Resource Center for evaluation of accommodation needs while in the Health Sciences program. See guidelines at: <https://drd.santarosa.edu/>

I have read the technical standards. To my knowledge, I can meet the technical standards without limitations or need for reasonable accommodation.

\_\_\_\_\_  
Print Name

\_\_\_\_\_  
Date

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

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Description of accommodation if needed:

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## Santa Rosa Junior College Health Sciences Department

*Immunization requirements for health care workers, including students, are different than immunization requirements for the general population. These requirements are set by the program/ clinical facilities where students provide patient care. Pregnant students need to see their health care provider for guidelines for immunizations when pregnant. For more in depth explanations, please refer to: <http://www.cdc.gov/vaccines/pubs/ACIP-list.htm>*

**Establish an account with Castlebranch, <https://www.castlebranch.com/> The package code for SRJC Radiologic Technology is SG97.**

**Upload copies to your account on Castlebranch verifying the following:**

1. Tdap within the past ten years. Once one Tdap booster is given, subsequent boosters may be Td.
2. Rubella immunization **x 2** or positive Rubella serology titer \*
3. Rubeola immunization **x2** or positive Rubeola serology titer \*
4. Mumps immunization **x2** or positive Mumps serology titer \* (\* *Combined MMR vaccine immunization*)
5. Varicella immunization (two if given as an adult) or positive Varicella serology titer
6. Hepatitis B Series
  - a. Hepatitis B 1<sup>st</sup> vaccine (1<sup>st</sup> month)
  - b. Hepatitis B 2<sup>nd</sup> vaccine (2<sup>nd</sup> month) (required for entry to clinical settings).
  - c. Hepatitis B 3<sup>rd</sup> vaccine (6<sup>th</sup> month)
  - d. Hepatitis B surface antibody serology ( anti-HBs) test 1-2 months after last Hep B immunization. *If not immune, contact health care provider to have another series of three immunizations. No additional testing is required after the second series of three immunizations.*
7. PPD (Tuberculosis skin test) - annual requirement

PPD for health professionals is a two-step booster process for the first PPD, then an annual one step process is required thereafter as long as you stay current with annual skin testing. The PPD test is given and then read in 48-72 hours. If the first one is negative, the PPD skin test is repeated the following week but no more than 4 weeks later. You must receive the two tuberculin skin tests within a month's time frame to be considered an actual two-step process. Do not have the MMR immunizations immediately before this test.

8. If positive PPD, complete the [Tuberculosis Clearance Form](#) which is available in the SRJC Health Science office. Must complete a chest x-ray (within one year of admission). Bring a copy of a recent chest x-ray report to Health Science office for student file.
  
9. Annual flu (seasonal and H1N1) vaccination is now required by area hospitals based on California Health recommendations. Verification of immunization may be difficult to come by if the vaccination is received at flu clinics in the community setting however, it is required. Each student is to avail themselves of the vaccine at the SRJC Student Health Center, health care provider, or community flu clinics. We will require student's documentation to verify completion of this requirement every fall. The annual flu vaccines usually are released by the CDC by September each year. You will need to have the current vaccine annually. *Not for Dental*

*Hospital employees are allowed to decline the flu vaccinations with a signed declination statement. Students however are not employees and clinical settings may decline a student if not fully immunized. Students who are unable to complete their clinical rotations will not meet course objectives and will fail the course.*

*The following Health Sciences programs approved the above document for SRJC Health Services to use as a reference. Specific requirements are kept and monitored by each program. Please send any request for waiver to the Director or Coordinator of the program as listed below:*

Associate Degree Director of Nursing, Kathrine Magee

Certified Nursing Assistant, Tiffany Lundqvist

Dental Director, Cindy Fleckner (no flu shot requirement)

Medical Assisting, Katherine Slusser

Radiologic Technology, Tammy Alander