

REFERENCE TITLE: **medical radiologic technology**

State of Arizona
Senate
Fifty-second Legislature
Second Regular Session
2016

SB 1096

Introduced by
Senator Barto

AN ACT

AMENDING SECTIONS 30-672, 32-2801, 32-2803, 32-2804, 32-2812, 32-2815, 32-2816, 32-2817, 32-2824 AND 32-2841, ARIZONA REVISED STATUTES; RELATING TO MEDICAL RADIOLOGIC TECHNOLOGY.

(TEXT OF BILL BEGINS ON NEXT PAGE)

1 Be it enacted by the Legislature of the State of Arizona:

2 Section 1. Section 30-672, Arizona Revised Statutes, is amended to
3 read:

4 30-672. Licensing and registration of sources of radiation:
5 exemptions

6 A. The agency by rule shall provide for general or specific licensing
7 of by-product, source, special nuclear materials or devices or equipment
8 utilizing such materials. The rules shall provide for amendment, suspension
9 or revocation of the licenses. The agency shall require from the applicant
10 satisfactory evidence that the applicant is using methods and techniques
11 ~~which~~ THAT are demonstrated to be safe and that the applicant is familiar
12 with the rules adopted by the agency under section 30-654, subsection B,
13 paragraph 5 relative to uniform radiation standards, total occupational
14 radiation exposure norms, labels, signs and symbols, storage, waste disposal
15 and shipment of radioactive materials. The agency may require that before
16 the agency issues a license the employees or other personnel of an applicant
17 who may deal with sources of radiation receive a course of instruction
18 approved by the agency concerning agency rules. The agency shall require
19 that the applicant's proposed equipment and facilities be adequate to protect
20 health and safety and that ~~his~~ THE APPLICANT'S proposed administrative
21 controls over the use of the sources of radiation requested be adequate to
22 protect health and safety.

23 B. The agency may require registration or licensing of other sources
24 of radiation if it has been determined necessary to protect public health or
25 safety.

26 C. The agency may exempt certain sources of radiation or kinds of uses
27 or users from the licensing or registration requirements set forth in this
28 section when it finds that the exemption of such sources of radiation or
29 kinds of uses or users will not constitute a significant risk to the health
30 and safety of the public.

31 D. The agency shall not require persons licensed in this state to
32 practice as a dentist, chiropractist or veterinarian or licensed in this state
33 to practice medicine, surgery, osteopathy, chiropractic or ~~naturopathy~~
34 NATUROPATHIC MEDICINE to obtain any other license for the use of ~~an~~ A
35 DIAGNOSTIC x-ray machine, but these persons are governed by their own
36 licensing acts.

37 E. Persons licensed by the federal communications commission with
38 respect to the activities for which they are licensed by that commission are
39 exempted from this chapter.

40 F. Rules adopted pursuant to this chapter may provide for recognition
41 of other state or federal licenses as the agency deems desirable, subject to
42 such registration requirements as the agency prescribes.

43 G. Any licenses issued by the agency shall state the nature, use and
44 extent of use of the source of radiation. If at any time subsequent to the
45 issuance of a license, ~~the licensee~~ desires any change in the nature, use or

1 extent, the licensee shall seek an amendment or a new license under this
2 section.

3 H. The agency shall prescribe by rule requirements for financial
4 security as a condition for licensure under this article. The agency shall
5 deposit all amounts posted, paid or forfeited as financial security into the
6 radiation regulatory and perpetual care fund under section 30-694.

7 I. Persons applying for licensure shall provide notice to the city or
8 town where the applicant proposes to operate as part of the application
9 process.

10 J. Any facility ~~which~~ THAT provides diagnostic or screening
11 mammography examinations by or under the direction of a person exempted from
12 further licensure under subsection D of this section shall obtain
13 certification by the agency. The agency shall prescribe by rule the
14 requirements of certification in order to ~~assure~~ ENSURE the accuracy and
15 safety of diagnostic and screening mammography.

16 Sec. 2. Section 32-2801, Arizona Revised Statutes, is amended to read:
17 32-2801. Definitions

18 In this chapter, unless the context otherwise requires:

19 1. "Agency" means the radiation regulatory agency established ~~under~~ BY
20 section 30-652.

21 2. "Board" means the medical radiologic technology board of examiners.

22 3. "BONE DENSITOMETRY TECHNOLOGIST" MEANS A PERSON WHO APPLIES
23 IONIZING RADIATION TO A PERSON'S HIPS, SPINE OR EXTREMITIES THROUGH THE USE
24 OF A BONE DENSITOMETRY MACHINE.

25 ~~3-~~ 4. "Certificate" means a certificate THAT IS granted and issued by
26 the board.

27 ~~4-~~ 5. "Certified technologist" means a person holding a certificate
28 THAT IS granted and issued by the board.

29 6. "COMPUTED TOMOGRAPHY TECHNOLOGIST" MEANS A PERSON WHO APPLIES
30 IONIZING RADIATION TO A HUMAN USING A COMPUTED TOMOGRAPHY MACHINE FOR
31 DIAGNOSTIC PURPOSES.

32 ~~5-~~ 7. "Direction" means responsibility for and control of the
33 application of ionizing radiation to human beings for diagnostic or
34 therapeutic purposes.

35 ~~6-~~ 8. "Ionizing radiation" means gamma rays and x-rays, alpha and
36 beta particles, high speed electrons, neutrons, protons and other nuclear
37 particles or rays.

38 ~~7-~~ 9. "Leg" means that part of the lower limb between the knee and
39 the foot.

40 ~~8-~~ 10. "Licensed practitioner" means a person WHO IS licensed or
41 otherwise authorized by law to practice medicine, dentistry, osteopathy,
42 podiatry, chiropractic or naturopathic medicine in this state.

43 11. "MAMMOGRAPHIC TECHNOLOGIST" MEANS A PERSON WHO APPLIES IONIZING
44 RADIATION TO THE BREASTS OF A HUMAN BEING FOR DIAGNOSTIC PURPOSES.

1 12. "NUCLEAR MEDICINE TECHNOLOGIST" MEANS A PERSON WHO USES
2 RADIOPHARMACEUTICAL AGENTS ON HUMANS FOR DIAGNOSTIC OR THERAPEUTIC PURPOSES
3 AS SET FORTH IN RULES ADOPTED PURSUANT TO SECTION 32-2815.

4 ~~9-~~ 13. "Practical technologist in podiatry" means a person holding a
5 practical technologist in podiatry certificate THAT IS granted and issued by
6 the board.

7 ~~10-~~ 14. "Practical technologist in podiatry certificate" means a
8 certificate THAT IS issued to a person, other than a licensed practitioner,
9 who applies ionizing radiation to the foot and leg for diagnostic purposes
10 while under the specific direction of a licensed practitioner.

11 ~~11-~~ 15. "Practical technologist in radiology" means a person holding
12 a practical technologist in radiology certificate THAT IS granted and issued
13 by the board.

14 ~~12-~~ 16. "Practical technologist in radiology certificate" means a
15 certificate THAT IS issued to a person, other than a licensed practitioner,
16 who applies ionizing radiation to specific parts of the human body for
17 diagnostic purposes while under the specific direction of a licensed
18 practitioner.

19 17. "RADIATION THERAPY TECHNOLOGIST" MEANS A PERSON WHO USES RADIATION
20 ON HUMANS FOR THERAPEUTIC PURPOSES.

21 ~~13-~~ 18. "Radiologic technologist" means a person who holds a
22 certificate THAT IS issued by the board AND that allows that person to apply
23 ionizing radiation to individuals at the direction of a licensed practitioner
24 for general diagnostic or therapeutic purposes.

25 ~~14-~~ 19. "Radiologic technology" means the science and art of applying
26 ionizing radiation to human beings for general diagnostic or therapeutic
27 purposes.

28 ~~15-~~ 20. "Radiologic technology certificate" means a certificate THAT
29 IS issued in radiologic technology to a person with at least twenty-four
30 months of full-time study or its equivalent through an approved program and
31 who has successfully completed an examination by a national certifying body.

32 ~~16-~~ 21. "Radiologist" means a licensed practitioner of medicine or
33 osteopathy who has undertaken a course of training ~~which~~ THAT meets the
34 requirements for admission to the examination of the American board of
35 radiology or the American osteopathic board of radiology.

36 ~~17-~~ 22. "Radiologist assistant" means a person who holds a
37 certificate pursuant to section 32-2819 AND WHO PERFORMS INDEPENDENT ADVANCED
38 PROCEDURES IN MEDICAL IMAGING AND INTERVENTIONAL RADIOLOGY UNDER THE
39 GUIDANCE, DIRECTIONS, SUPERVISION AND DISCRETION OF A LICENSED PRACTITIONER
40 OF MEDICINE OR OSTEOPATHY SPECIALIZING IN RADIOLOGY AS SET FORTH IN SECTION
41 32-2819 AND THE RULES ADOPTED PURSUANT TO THAT SECTION.

42 ~~18-~~ 23. "Unethical professional conduct" means the following acts,
43 whether occurring in this state or elsewhere:

44 (a) THE intentional betrayal of a professional confidence or
45 intentional violation of a privileged communication except as required by
46 law. This subdivision does not prevent members of the board from the

1 exchange of information with the radiologic licensing and disciplinary boards
2 of other states, territories or districts of the United States or foreign
3 countries.

4 (b) ~~THE~~ use of controlled substances as defined in section 36-2501,
5 narcotic drugs, dangerous drugs or marijuana as defined in section 13-3401 or
6 hypnotic drugs, derivatives or any compounds, mixtures or preparations that
7 may be used for producing hypnotic effects or ~~THE~~ use of alcohol to the
8 extent that it affects the ability of the certificate or permit holder to
9 practice his profession.

10 (c) Using drugs for other than accepted therapeutic purposes.

11 (d) Gross malpractice.

12 (e) Acting or assuming to act as a member of the board if this is not
13 true.

14 (f) Procuring or attempting to procure a certificate or license by
15 fraud or misrepresentation.

16 (g) Having professional connection with or lending one's name to an
17 illegal practitioner of radiologic technology or any other health profession.

18 (h) Offering, undertaking or agreeing to correct, cure or treat a
19 condition, disease, injury, ailment or infirmity by a secret means, method,
20 device or instrumentality.

21 (i) Refusing to divulge to the board, on reasonable notice and demand,
22 the means, method, device or instrumentality used in the treatment of a
23 condition, disease, injury, ailment or infirmity. This subdivision shall not
24 apply to communication between a technologist or permit holder and a patient
25 with reference to a disease, injury, ailment or infirmity, or as to any
26 knowledge obtained by personal examination of the patient.

27 (j) Giving or receiving, or aiding or abetting the giving or
28 receiving, of rebates, either directly or indirectly.

29 (k) Knowingly making any false or fraudulent statement, written or
30 oral, in connection with the practice of radiologic technology.

31 (l) Refusal, revocation or suspension of a certificate or license by
32 any other state, territory, district or country for reasons that relate to
33 the person's ability to safely and skillfully practice radiologic technology
34 or to any act of unprofessional conduct.

35 (m) Any conduct or practice ~~which~~ ~~THAT~~ does or would constitute a
36 danger to the health of the patient or the public.

37 (n) Obtaining a fee by fraud or misrepresentation or ~~willfully~~
38 ~~WILFULLY~~ or intentionally filing a fraudulent claim with a third party for
39 services rendered or to be rendered to a patient.

40 (o) Employing uncertified persons to perform or aiding and abetting
41 uncertified persons in the performance of work ~~which~~ ~~THAT~~ can be done legally
42 only by certified persons.

43 (p) Violating or attempting to violate, directly or indirectly, or
44 assisting or abetting the violation of or conspiring to violate ~~the~~
45 ~~provisions of~~ this chapter or a rule adopted by the board.

1 ~~19-~~ 24. "Unlimited practical technologist in radiology" means a
2 person holding an unlimited practical technologist in radiology certificate
3 THAT IS granted and issued by the board.

4 ~~20-~~ 25. "Unlimited practical technologist in radiology certificate"
5 means a certificate THAT WAS issued to a person in 1977 or 1978, other than a
6 licensed practitioner, who applies ionizing radiation to the human body for
7 diagnostic purposes while under the specific direction of a licensed
8 practitioner.

9 Sec. 3. Section 32-2803, Arizona Revised Statutes, is amended to read:

10 ~~32-2803.~~ Radiation regulation agency; rules

11 A. The director of the radiation regulatory agency ~~may~~, after
12 consultation and with the approval of the board and after notice and public
13 hearing, MAY adopt rules as may be needed to carry out the purposes of this
14 chapter. The rules shall include, but not be limited to:

15 1. Minimum standards of training and experience for persons to be
16 certified pursuant to this chapter and procedures for examining applicants
17 for certification.

18 2. Provisions identifying the types of applications of ionizing
19 radiation for A practical technologist in podiatry, practical technologist in
20 radiology, ~~and~~ PRACTICAL TECHNOLOGIST IN BONE DENSITOMETRY, radiologic
21 technologist, RADIATION THERAPY TECHNOLOGIST, MAMMOGRAPHIC TECHNOLOGIST,
22 NUCLEAR MEDICINE TECHNOLOGIST, BONE DENSITOMETRY TECHNOLOGIST, COMPUTED
23 TOMOGRAPHY TECHNOLOGIST, RADIOLOGIST ASSISTANT, PHYSICIAN ASSISTANT AND ANY
24 NEW RADIOLOGIC MODALITY TECHNOLOGIST and those minimum standards of education
25 and training to be met by each type of applicant.

26 B. Rules adopted pursuant to subsection A, paragraph 2 OF THIS SECTION
27 establishing minimum standards of education and training to be met by
28 practical ~~technologists~~ TECHNOLOGIST in podiatry applicants shall be approved
29 or proposed by a joint committee on education, training and examination
30 ~~comprised~~ COMPOSED of an equal number of representatives from the MEDICAL
31 RADIOLOGIC TECHNOLOGY board OF EXAMINERS and the STATE board of podiatry
32 examiners. The MEDICAL RADIOLOGIC TECHNOLOGY board OF EXAMINERS shall
33 determine the total membership of the committee, and the MEDICAL RADIOLOGIC
34 TECHNOLOGY board OF EXAMINERS and the STATE board of podiatry examiners shall
35 appoint their respective representatives.

36 C. The MEDICAL RADIOLOGIC TECHNOLOGY board OF EXAMINERS may propose to
37 the agency standards as may be appropriate for carrying out the purposes of
38 this chapter. In the case of proposing to the agency standards governing
39 practical technologists in podiatry, the MEDICAL RADIOLOGIC TECHNOLOGY board
40 OF EXAMINERS shall consult with the STATE board of podiatry examiners.

41 Sec. 4. Section 32-2804, Arizona Revised Statutes, is amended to read:

42 ~~32-2804.~~ School approval; standards; considerations

43 A. The board may approve a school of radiologic technology as
44 maintaining a satisfactory standard if its course of study:

1 1. Is for a period of not less than twenty-four months of full-time
2 study or its equivalent and is accredited by the committee on allied health
3 accreditation or meets or exceeds the standards of this chapter.

4 2. Includes not less than four hundred hours of classroom work,
5 including radiation protection, x-ray physics, radiographic techniques,
6 processing techniques, nursing procedures, anatomy and physiology,
7 radiographic positioning, radiation therapy and professional ethics.

8 3. Includes not less than one thousand eight hundred hours devoted to
9 clinical experience.

10 4. Includes demonstrations, discussions, seminars and supervised
11 practice.

12 5. Includes not less than eighty hours of regularly scheduled
13 supervised film critiques.

14 B. An approved school of radiologic technology may be operated by a
15 medical or educational institution or other public or private agency or
16 institution and, for the purpose of providing the requisite clinical
17 experience, shall be affiliated with one or more hospitals that, in the
18 opinion of the board, are likely to provide this experience.

19 C. In approving a school of radiologic technology, the board shall
20 consider the standards adopted by appropriate professional organizations,
21 including the joint review committee on education in radiologic technology,
22 ~~the American medical association, the American osteopathic association,~~ the
23 American college of radiology and the American osteopathic college of
24 radiology, and may accept the certification of a school of radiologic
25 technology or the accreditation of a hospital to provide requisite clinical
26 experience, if the board finds that certification or accreditation was
27 granted on the basis of standards that will afford the same protection to the
28 public as the standards provided by this chapter.

29 Sec. 5. Section 32-2812, Arizona Revised Statutes, is amended to read:

30 32-2812. Applications for certificate; qualifications; fee;
31 exceptions

32 A. An applicant for a certificate shall submit an application for
33 certification or an application for examination for certification,
34 accompanied by a nonrefundable fee of sixty dollars. The application for
35 certification fee may be prorated quarterly over the certification period.
36 An applicant who has practiced radiography without certification shall pay a
37 prorated fee retroactively to the earliest date of uncertified practice. The
38 fee for a replacement certificate is ten dollars. The application for
39 examination fee is seventy dollars and shall not be prorated. An application
40 shall be verified by oath or affirmation and shall contain information that
41 the applicant:

42 1. Is at least eighteen years of age.

43 2. Is of good moral character.

44 3. Has successfully completed or obtained:

45 (a) In the case of AN application for radiologic technologist,
46 **RADIATION THERAPY TECHNOLOGIST OR NUCLEAR MEDICINE TECHNOLOGIST**

1 certification, ~~a four year course of study in a secondary school approved by~~
2 ~~the board or an equivalent board approved course of study in addition to~~ a
3 course of study at a school of radiologic technology THAT IS approved by the
4 board OR AN OUT-OF-STATE SCHOOL OF RADIOLOGIC TECHNOLOGY THAT IS APPROVED BY
5 THE JOINT REVIEW COMMITTEE ON EDUCATION IN RADIOLOGIC TECHNOLOGY, THE
6 AMERICAN REGISTRY OF RADIOLOGIC TECHNOLOGISTS OR THE NUCLEAR MEDICINE
7 TECHNOLOGY CERTIFICATION BOARD.

8 (b) In the case of AN application for practical technologist in
9 podiatry certification, PRACTICAL TECHNOLOGIST IN BONE DENSITOMETRY
10 CERTIFICATION and practical technologist in radiology certification, high
11 school or its equivalent as determined by the MEDICAL RADIOLOGIC TECHNOLOGY
12 board OF EXAMINERS with the advice of the state board of education, and
13 satisfactorily meets the basic requisites determined by the MEDICAL
14 RADIOLOGIC TECHNOLOGY board OF EXAMINERS pursuant to section 32-2803.

15 (c) In the case of AN application for radiologist assistant
16 certification, a baccalaureate degree or postbaccalaureate certificate from
17 an advanced academic program that encompasses a nationally recognized
18 radiologist assistant curriculum that includes a radiologist-directed
19 clinical preceptorship. An applicant for certification before April 1, 2009
20 is not required to have a baccalaureate degree or postbaccalaureate
21 certificate, but must have completed an advanced academic program that
22 encompasses a nationally recognized radiologist assistant curriculum that
23 includes a radiologist-directed clinical preceptorship.

24 B. If the application is in proper form and it appears that the
25 applicant meets the eligibility requirements, the applicant shall be notified
26 of the time and place of the next examination.

27 C. The board may accept, in lieu of its own examination, a ~~valid~~
28 certificate issued on the basis of an examination by a certificate-granting
29 body recognized by the ~~American medical association or the American~~
30 ~~osteopathic association;~~ BOARD or a certificate, registration or license
31 issued by another state if that state's standards for certification,
32 registration or licensure are satisfactory to the board.

33 D. The board may deny a certificate to an applicant who has committed
34 an act or engaged in conduct in any jurisdiction that resulted in a
35 disciplinary action against the applicant or that would constitute grounds
36 for disciplinary action under this chapter.

37 E. The board or chairman of the board may designate a representative
38 to approve or deny applications for certification.

39 Sec. 6. Section 32-2815, Arizona Revised Statutes, is amended to read:
40 32-2815. Additional board duties; bone densitometry
41 certification; nuclear medicine; continuing
42 education

43 A. The board shall adopt rules regarding the certification of
44 practical technologists in bone densitometry to allow the certificate holder
45 to apply ionizing radiation to a person's extremities through the use of a
46 bone densitometry machine. The rules shall prescribe:

1 1. The minimum education and training qualifications for
2 certification. The qualifications prescribed by the board shall allow a
3 person who does not meet the education and training requirements of a
4 radiologic technologist or a practical technologist in radiology to obtain a
5 certificate as a practical technologist in bone densitometry.

6 2. The application and renewal fees.

7 3. The definition of a practical technologist in bone densitometry.

8 B. Subsection A **OF THIS SECTION** does not prohibit a radiologic
9 technologist or a practical technologist **IN RADIOLOGY** from operating a bone
10 densitometry machine.

11 C. ~~Beginning on January 1, 2004,~~ A person who wishes to practice as a
12 nuclear medicine technologist must apply to the board for certification as
13 prescribed by the board by rule. The board shall adopt rules to establish
14 minimum educational and training requirements for nuclear medicine
15 technologists. ~~For the purposes of this subsection, "nuclear medicine~~
16 ~~technologist" means a person who uses radiopharmaceutical agents on humans~~
17 ~~for diagnostic or therapeutic purposes.~~

18 D. The board shall adopt rules to prescribe the following minimum
19 continuing education requirements for the renewal of the following
20 certificates:

21 1. Practical technologist in podiatry, two hours every two years.

22 2. Practical technologist in radiology, six hours every two years.

23 3. Practical technologist in bone densitometry, ~~one hour~~ **TWO HOURS**
24 every two years.

25 4. Unlimited practical technologist in radiology, twenty-four hours
26 every two years.

27 5. Nuclear medicine technologist, twenty-four hours every two years.

28 6. **RADIOLOGIST ASSISTANT, FIFTY HOURS EVERY TWO YEARS.**

29 7. **RADIOLOGIC TECHNOLOGIST, TWENTY-FOUR HOURS EVERY TWO YEARS.**

30 8. **RADIATION THERAPY TECHNOLOGIST, TWENTY-FOUR HOURS EVERY TWO YEARS.**

31 E. ~~Beginning on August 1, 2004,~~ The board may require an applicant for
32 renewal to document compliance with the appropriate continuing education
33 requirements of subsection D **OF THIS SECTION**.

34 Sec. 7. Section 32-2816, Arizona Revised Statutes, is amended to read:

35 32-2816. Certificates; terms; registration; renewal;
36 cancellation; waiver

37 A. Except as provided in section 32-4301, if a certificate holder's
38 last name begins with a letter that falls between A through M, the
39 certificate expires on the **LAST DAY OF THE** certificate holder's ~~birthday~~
40 **BIRTH MONTH** in every ~~even-numbered~~ **EVEN-NUMBERED** year. All other
41 certificates expire on the **LAST DAY OF THE** certificate holder's ~~birthday~~
42 **BIRTH MONTH** in every ~~odd-numbered~~ **ODD-NUMBERED** year. The board shall notify
43 a certificate holder thirty days before the expiration date of the
44 certificate.

45 B. The **MEDICAL RADIOLOGIC TECHNOLOGY** board **OF EXAMINERS** may renew a
46 certificate for two years on payment of a renewal fee in an amount

1 established by the board pursuant to section 32-2803 and submission of a
 2 renewal application containing information the board requires to show that
 3 the applicant for renewal is a technologist in good standing. The applicant
 4 for renewal shall also present evidence satisfactory to the **MEDICAL**
 5 **RADIOLOGIC TECHNOLOGY** board **OF EXAMINERS** of having completed ~~twenty-four~~
 6 ~~hours-of~~ **THE REQUIRED** continuing education in radiologic technology within
 7 the preceding two years. If a radiologic technologist is certified by the
 8 American registry of radiologic technologists **OR NUCLEAR MEDICINE TECHNOLOGY**
 9 **CERTIFICATION BOARD**, that person must satisfy the continuing education
 10 requirements of this subsection by providing the **MEDICAL RADIOLOGIC**
 11 **TECHNOLOGY** board **OF EXAMINERS** with evidence of the technologist's good
 12 standing and current certification with that registry.

13 C. A certificate holder who fails to renew the certificate on or
 14 before the ~~certificate holder's birthday~~ **CERTIFICATE'S EXPIRATION** as
 15 prescribed in subsection A of this section shall pay a penalty fee of fifty
 16 dollars for late renewal.

17 D. A certificate holder who does not renew a certificate within thirty
 18 days after the certificate expires and who continues the active practice of
 19 radiologic technology without adequate cause satisfactory to the board is
 20 subject to censure, reprimand or denial of right to renew the certificate
 21 pursuant to section 32-2821.

22 E. On the request of a certificate holder in good standing, the board
 23 shall cancel a certificate.

24 F. The board shall waive the renewal fee if a certificate holder
 25 submits an affidavit to the board stating that the certificate holder is
 26 retired from the practice of radiologic technology or wishes to be placed on
 27 inactive status. A retired or inactive technologist who practices is subject
 28 to the same penalties imposed pursuant to this chapter on a person who
 29 practices radiologic technology without a certificate.

30 G. The board may reinstate a technologist on retired or inactive
 31 status on payment of the renewal fee pursuant to subsection B of this
 32 section.

33 Sec. 8. Section 32-2817, Arizona Revised Statutes, is amended to read:
 34 32-2817. Use of title; display of certificate or permit

35 A. A person holding a certificate may use the title "CERTIFIED
 36 radiologic technologist~~,"~~, "CERTIFIED NUCLEAR MEDICINE TECHNOLOGIST",
 37 "CERTIFIED RADIATION THERAPY TECHNOLOGIST", "CERTIFIED COMPUTED TOMOGRAPHY
 38 TECHNOLOGIST", "CERTIFIED MAMMOGRAPHIC TECHNOLOGIST", "CERTIFIED RADIOLOGIST
 39 ASSISTANT", "CERTIFIED practical technologist in podiatry", "CERTIFIED
 40 PRACTICAL TECHNOLOGIST IN BONE DENSITOMETRY" or "CERTIFIED practical
 41 technologist in radiology", as applicable. No other person shall be entitled
 42 to use such titles or title or letters after such person's name that
 43 indicates or implies that such person is a certified technologist or to
 44 represent ~~himself~~ **THE PERSON** in any way, whether orally or in writing,
 45 expressly or by implication, as being so certified.

1 B. Every technologist or special permit holder shall display a
2 certificate or permit at the technologist's or permit holder's place of
3 employment.

4 Sec. 9. Section 32-2824, Arizona Revised Statutes, is amended to read:
5 32-2824. Inspections; investigations

6 A. The board or its duly authorized representatives may enter during
7 scheduled work hours on private or public property for the purpose of:

8 1. ~~Assuring~~ ENSURING that only ~~board-certified~~ BOARD-CERTIFIED
9 individuals or individuals exempt from board certification are operating
10 ionizing radiation machines.

11 2. Determining whether a certified individual is practicing beyond the
12 scope of ~~his~~ THE PERSON'S certificate.

13 3. Determining whether a certified individual has violated the
14 provisions of this chapter.

15 4. Auditing ionizing radiation logbooks.

16 B. The board may enter areas under the jurisdiction of the federal
17 government only with its permission.

18 C. THE BOARD ON ITS OWN MOTION, OR THE EXECUTIVE DIRECTOR IF DELEGATED
19 BY THE BOARD, MAY INVESTIGATE ANY EVIDENCE THAT APPEARS TO SHOW THE EXISTENCE
20 OF ANY OF THE CAUSES OR GROUNDS FOR DISCIPLINARY ACTION AS PROVIDED IN
21 SECTION 32-2821, SUBSECTION A. THE BOARD MAY INVESTIGATE ANY COMPLAINT THAT
22 ALLEGES THE EXISTENCE OF ANY OF THE CAUSES OR GROUNDS FOR DISCIPLINARY ACTION
23 AS PROVIDED IN SECTION 32-2821, SUBSECTION A.

24 Sec. 10. Section 32-2841, Arizona Revised Statutes, is amended to
25 read:

26 32-2841. Mammographic technologists; certification; computed
27 tomography certification; renewal

28 A. A person who wishes to perform diagnostic or screening mammography
29 as defined in section 30-651 shall obtain a mammographic technologist
30 certificate from the board. A PERSON WHO WISHES TO PERFORM COMPUTED
31 TOMOGRAPHY SHALL OBTAIN A COMPUTED TOMOGRAPHY TECHNOLOGIST CERTIFICATE FROM
32 THE BOARD. The board shall issue a certificate to an applicant who:

33 1. Pays a PRORATED twenty dollar application fee.

34 2. Holds a current radiologic ~~technologist~~ TECHNOLOGY certificate
35 issued by the board.

36 3. FOR A MAMMOGRAPHIC CERTIFICATION, completes the TRAINING AND
37 education requirements of subsection B of this section AND PASSES AN
38 EXAMINATION AS PRESCRIBED IN SUBSECTION D OF THIS SECTION.

39 4. FOR A COMPUTED TOMOGRAPHY TECHNOLOGIST CERTIFICATION, PROVIDES
40 DOCUMENTATION OF TWO YEARS OF EXPERIENCE IN COMPUTED TOMOGRAPHY AND
41 COMPLETION OF TWELVE HOURS OF COMPUTED TOMOGRAPHY SPECIFIC EDUCATION OR
42 passes an examination as prescribed in subsection ~~C~~ D of this section.

43 B. To satisfy the education requirements of subsection A of this
44 section, an applicant ~~for certification shall complete forty hours of~~
45 ~~didactic instruction and at least one hundred sixty hours of clinical~~
46 ~~instruction taught by a facility accredited by the American college of~~

1 ~~radiology or licensed by this state. Courses shall be taught by instructors~~
2 ~~who have completed at least four hundred mammograms in the previous year.~~
3 ~~Clinical instruction shall be competency based and positions that cannot be~~
4 ~~tested on patients shall be tested through simulations. Didactic and~~
5 ~~clinical instruction shall include the following:~~

- 6 ~~1. The anatomy and physiology of the breast.~~
- 7 ~~2. Classification of breast tissue.~~
- 8 ~~3. Epidemiology of the breast.~~
- 9 ~~4. Methods to detect breast cancer.~~
- 10 ~~5. Sources of information regarding breast cancer.~~
- 11 ~~6. The influence of technical factors.~~
- 12 ~~7. Positioning of the breast.~~
- 13 ~~8. Film and image evaluation and critique.~~
- 14 ~~9. Radiation biology and radiation protection.~~
- 15 ~~10. Quality assurance methods.~~
- 16 ~~11. The physics of mammography.~~

17 SHALL MEET THE INITIAL TRAINING AND
18 EDUCATION REQUIREMENTS OF THE MAMMOGRAPHY QUALITY STANDARDS ACT REGULATIONS
19 FOR QUALITY STANDARDS OF MAMMOGRAPHIC TECHNOLOGISTS, 21 CODE OF FEDERAL
20 REGULATIONS SECTION 900.12.

21 C. THE BOARD SHALL ISSUE A STUDENT MAMMOGRAPHY PERMIT TO A PERSON WHO
22 IS IN TRAINING AND MEETS THE REQUIREMENT OF SUBSECTION A, PARAGRAPH 2 OF THIS
23 SECTION IF THE APPLICANT ALSO PROVIDES THE BOARD WITH VERIFICATION OF
24 EMPLOYMENT AND THE NAME OF THE RADIOLOGIST WHO AGREES TO BE RESPONSIBLE FOR
25 THE APPLICANT'S SUPERVISION AND TRAINING. A STUDENT MAMMOGRAPHY PERMIT IS
26 VALID FOR ONE YEAR FROM THE DATE IT IS ISSUED AND MAY BE RENEWED ONE TIME FOR
27 AN ADDITIONAL SIX MONTHS. IF THE HOLDER COMPLETES ALL OF THE REQUIREMENTS OF
28 SUBSECTION A OF THIS SECTION WITHIN THE PERMITTED PERIOD, THE BOARD SHALL
29 ISSUE A MAMMOGRAPHIC TECHNOLOGIST CERTIFICATE. THE MAMMOGRAPHIC TECHNOLOGIST
30 CERTIFICATE SHALL BE RENEWED AS PRESCRIBED UNDER SUBSECTION E OF THIS
31 SECTION.

32 ~~C.~~ D. To satisfy the examination requirements of this section an
33 applicant shall pass an examination in mammography OR COMPUTED TOMOGRAPHY
34 administered by ~~either~~ the board or, ~~by the American registry of radiologic~~
35 ~~technologists~~ IN LIEU OF ITS OWN EXAMINATION, THE BOARD MAY ACCEPT A
36 CERTIFICATE ISSUED ON THE BASIS OF AN EXAMINATION BY A CERTIFICATE-GRANTING
37 BODY RECOGNIZED BY THE BOARD. ~~Examinations administered by the board shall~~
38 ~~use the same grading standards established by the American registry of~~
39 ~~radiologic technologists examination.~~

40 ~~D.~~ E. Except as provided in section 32-4301, a certificate issued
41 under this section is valid for two years. If a certificate holder's last
42 name begins with a letter that falls between A through M, the certificate
43 expires on the LAST DAY OF THE certificate holder's ~~birthday~~ BIRTH MONTH in
44 every even-numbered year. All other certificates expire on the LAST DAY OF
45 THE certificate holder's ~~birthday~~ BIRTH MONTH in every odd-numbered year.
46 The board shall notify a certificate holder thirty days before the expiration
date of the certificate. An applicant for renewal of ~~this~~ A MAMMOGRAPHIC

1 ~~TECHNOLOGIST~~ certificate shall ~~present evidence satisfactory to the board of~~
2 ~~having completed eight hours of continuing education in mammography within~~
3 ~~the preceding two years~~ MEET THE CONTINUING EDUCATION REQUIREMENTS OF THE
4 MAMMOGRAPHY QUALITY STANDARDS ACT REGULATIONS FOR QUALITY STANDARDS OF
5 MAMMOGRAPHIC TECHNOLOGISTS, 21 CODE OF FEDERAL REGULATIONS SECTION 900.12.

6 If a radiologic technologist is certified by the American registry of
7 radiologic technologists, that person must satisfy the continuing education
8 requirements of this subsection by providing the board with evidence of the
9 technologist's good standing and current certification with that registry.
10 The applicant shall also pay a twenty dollar renewal fee to the board.

11 ~~E.~~ F. The board shall prorate fees for ~~—~~

12 ~~1. A certificate renewed before August 22, 2002.~~

13 ~~2.~~ a new certificate for the remaining full calendar months of the
14 respective group to which the certificate is assigned.

15 ~~F. The board shall issue a temporary certificate to a person who meets~~
16 ~~the requirements of subsection A, paragraphs 1, 2 and 3 of this section if~~
17 ~~that person also provides the board with verification of employment and the~~
18 ~~name of the radiologist who agrees to be responsible for the applicant's~~
19 ~~supervision and training. A temporary certificate is valid for thirty days~~
20 ~~from the date it is issued and may be renewed one time for an additional six~~
21 ~~months. If the holder completes all of the requirements of subsection A of~~
22 ~~this section within that time, the board shall issue a regular certificate.~~
23 ~~This certificate is valid for two years from the date the board issued the~~
24 ~~temporary certificate and shall be renewed as prescribed under subsection D~~
25 ~~of this section.~~

26 G. A person or facility that employs a person certified under this
27 section shall report any suspected violations of section 32-2821 to the
28 board. The board shall investigate the complaint and act as prescribed under
29 section 32-2821. If in the course of its investigation the board determines
30 that a person regulated by another regulatory agency of this state may have
31 violated that agency's laws, the board shall report the violation to the
32 other agency for disciplinary action.