

**WAC 246-926-120 Therapeutic radiologic technologist—Alternative training.** (1) Alternative training for a therapeutic radiologic technologist may be obtained with the following:

(a) (i) A baccalaureate or associate degree in one of the physical, biological sciences, or allied health care professions;

(ii) Three clinical years supervised practice experience in therapeutic radiologic technology as provided in subsection (2) of this section; and

(iii) Completed course content as provided in subsection (3) of this section; or

(b) (i) Meet the requirements of this chapter for certification as a diagnostic radiologic technologist or nuclear medicine technologist;

(ii) Three clinical years supervised practice experience in therapeutic radiologic technology as provided in subsection (3) of this section; and

(iii) Completed course content as provided in subsection (2) of this section.

(2) Verified supervised clinical practice experience, with at least 50 percent of the clinical practice experience in operating a linear accelerator, in the following:

(a) Orientation to radiation therapy technology;

(b) Medical ethics and law;

(c) Methods of patient care;

(d) Computer applications; and

(e) Medical terminology.

(3) Verified formal education in the following:

(a) Human anatomy and physiology - 100 contact hours;

(b) Oncologic pathology - 22 contact hours;

(c) Radiation oncology - 22 contact hours;

(d) Radiobiology, radiation protection, and radiographic imaging - 73 contact hours;

(e) Mathematics (college level algebra or above) - 55 contact hours;

(f) Radiation physics - 66 contact hours;

(g) Radiation oncology technique - 77 contact hours;

(h) Clinical dosimetry - 150 contact hours;

(i) Quality assurance - 12 contact hours;

(j) Hyperthermia - 4 contact hours; and

(k) Sectional anatomy - 22 contact hours.

(4) Individuals participating in the therapeutic radiologic technologist alternative training program must annually report to the department the progress of their supervised clinical hours. Notification must be made in writing and must include the street and mailing address of their training program and the names of the individual's direct and indirect supervisors.

(5) Individuals educated or credentialed to practice as a therapeutic radiologic technologist in another country must provide official documentation of their education and training proving that they meet or exceed alternative training requirements.

(6) To meet the ARRT or NMTCB clinical experience requirements to sit for a computed tomography examination, a therapeutic radiologic technologist shall meet the following:

(a) Hold a current therapeutic radiologic technology certification issued by the secretary;

(b) Notify the department in writing of their intent to begin a training program for the purposes of meeting the clinical experience

requirements for either the ARRT or NMTCB computed tomography examination, which must include:

- (i) The street and mailing address of the training program;
  - (ii) The names of the designated training program supervisor or supervisors; and
  - (iii) The designated time frame within which the individual is working to qualify for a computed tomography examination;
- (c) Report annually to the department the progress of their training including the number of clinical hours dedicated to computed tomography training and the number of computed tomography procedures performed and reported to either the ARRT or NMTCB; and
- (d) Complete the clinical experience requirements within the time period set by the ARRT or NMTCB as reported under (b)(iii) of this subsection. If the individual does not meet the clinical experience requirements within the designated time period, the training program is no longer valid and the individual must initiate a new training program.

[Statutory Authority: RCW 18.84.040 and 43.70.040. WSR 24-02-007, § 246-926-120, filed 12/20/23, effective 1/20/24. Statutory Authority: RCW 18.84.040. WSR 06-01-103, § 246-926-120, filed 12/21/05, effective 1/21/06. Statutory Authority: RCW 18.84.040 and 18.84.080. WSR 92-05-010 (Order 237), § 246-926-120, filed 2/7/92, effective 2/19/92. Statutory Authority: RCW 43.70.040. WSR 91-02-049 (Order 121), recodified as § 246-926-120, filed 12/27/90, effective 1/31/91. Statutory Authority: RCW 18.84.040. WSR 89-01-015 (Order PM 802), § 308-183-110, filed 12/9/88.]