

Mountainland Technical College — Radiography Technology Immunization Requirements

All of the following immunization records are required for admission into the program and will be verified and completed for accepted applicants only. To avoid delays if accepted to the program, we strongly recommend that all prospective applicants complete all immunization requirements (except for TB testing) prior to or at the time of application. Additional instructions regarding immunization verification will be provided to accepted students closer to the start of the program. Please note that failure to submit a complete and up-to-date immunization record will result in forfeiture of an accepted applicant's position in the program. These requirements may be revised as mandated by the Centers for Disease Control and Prevention (CDC).

1. Tuberculosis screening requirements. One of the following is required:

One of the following is required and must be completed within 60 days of when the student begins the program. There are no exemptions or waivers for TB testing.

- a. One (1) two-step TST (Tuberculin Skin Tests or PPD tests)
- b. One (1) QuantiFERON Gold blood test with negative results.
- c. One (1) T-SPOT blood test with negative results.

If previously positive to any TB test, the student must complete a symptom questionnaire and have a chest X-ray read with a normal result. The chest X-ray must have been taken within the previous six months. If the chest X-ray is abnormal, the student needs to be cleared by their physician or local health department before beginning their training at an Intermountain Health facility.

2. Measles (Rubeola), Mumps, and Rubella requirements. One of the following is required:

- a. Proof of two (2) MMR vaccinations.
- b. Proof of immunity to Measles (Rubeola), Mumps, and Rubella through a blood test before immunization.

3. Tdap requirement:

- a. Proof of one (1) Tdap vaccination after the age of 10.

4. Varicella (Chicken Pox) requirement. One of the following is required:

- a. Proof of two (2) Varicella vaccinations.
- b. Proof of immunity to Varicella through a blood test prior to immunization.

5. COVID-19 vaccination requirement. One of the following is required:

- a. If the vaccine requires: proof of two (2) COVID-19 vaccinations.
- b. If the vaccine requires: proof of one (1) COVID-19 vaccination.
- c. *Up to date booster doses are not required at this time, but are strongly encouraged by our clinical sites.

6. Current seasonal Influenza vaccination requirement:

- a. Proof of current, annual influenza vaccination. Flu season generally runs from October 1 through March 30. These dates may vary as determined by our clinical sites.
- b. Clinical sites **require students to maintain an active influenza vaccination for each flu season** while enrolled in the program.

7. Hepatitis B immunization requirements:

Students must complete a full Hepatitis B vaccination series **and provide proof of immunity** through a **quantitative Hepatitis B surface antibody (HBsAb) test.**

- **One of the following vaccination options are required:**
 - a. **3-dose series** of Engerix-B, Recombivax HB, PreHevbrio, or Twinrix (administered over a 6-month period)
 - b. **2-dose series** of **Heplisav-B** (given at least 4 weeks apart)
- **Hepatitis B surface antibody testing (HBsAB) requirement:**
 - A **quantitative HBsAb titer** must be drawn **4–8 weeks after the final vaccine dose**
 - A result of **≥10 mIU/mL** indicates **immunity to Hepatitis B (positive/reactive)**
 - A result of **<10 mIU/mL** indicates **non-immunity to Hepatitis B (negative/non-reactive)**
- **If the antibody testing titer is negative/non-reactive (<10 mIU/mL) after completing a full Hepatitis B series:**
 - **You must begin a second Hepatitis B vaccine series**, typically using the **2-dose Heplisav-B** schedule.
 - Start with a **challenge dose**, which is the **first dose of the 2-dose Heplisav-B series** given after completing a previous Hepatitis B vaccine series. A challenge dose is used to help reestablish or further establish immunity. Repeat a **quantitative HBsAb titer 4–8 weeks after the first challenge dose (first dose of the Heplisav-B)**.
 - If the result is **positive (≥10 mIU/mL) after the first challenge dose**, you are considered **immune** to Hepatitis B and no further doses are needed.
 - If the result remains **negative (<10 mIU/mL)**, proceed with the **second (final) Heplisav-B dose**. After the final dose, repeat the **titer 4–8 weeks later**.
 - If results still remain **negative 4–8 weeks after completing the last dose of a second series of Hepatitis B vaccines**, you will be classified as a **non-responder**, in accordance with CDC guidelines. If the Hepatitis B Surface Antibody test is negative (titer less than 10 mIU/mL) after a primary and repeat vaccine series, vaccine non-responders should be counseled and evaluated appropriately. Certain institutions may request signing an “acknowledgement of non-responder status” document before clinical placements.
- **Alternative (Conditional) Compliance:**
 - Students who completed the full **Heplisav-B vaccine series 8 weeks prior** to the program start date **without a documented titer** may be considered compliant, but **must undergo immediate baseline titer testing** if significantly exposed to blood or body fluids.

**Students who are pregnant must consult with their physician prior to receiving any required vaccinations or undergoing related testing.*

**Clinical Site Policy: Please be aware that Mountainland Technical College's (MTECH) affiliated clinical sites reserve the right to deny access to any student who is not fully compliant with all required vaccinations.*