



FIRE PROTECTION TECHNOLOGY

Skagit Valley College
2405 East College Way
Mount Vernon, WA 98273-5899

Dear Medical Provider,

The individual named below will be enrolling in a **FIRE PROTECTION TECHNOLOGY** program that would qualify them to engage in firefighting training. The students will be engaged with fire training the same as any fire department or district and must be able to perform at the level of any firefighter.

This would require the student to be able to perform the following Essential Job Tasks as noted in the National Fire Protection Association Standard 1582 (Standard on Comprehensive Occupational Medical Program for Fire Departments, 2022 Edition,

www.nfpa.org/codes-and-standards/nfpa-1582-standard-development/1582^{*}):

- Performing fire-fighting tasks (e.g., hose line operations, extensive crawling, lifting and carrying heavy objects, ventilating roofs or walls using power or hand tools, forcible entry, etc.), rescue operations, and other simulated emergency response actions under stressful conditions while wearing PPE and SCBA, including working in extremely hot or cold environments for prolonged time periods.
- Wearing an SCBA, which includes a demand valve-type positive pressure facepiece or HEPA filter masks, which requires the ability to tolerate increased respiratory workloads.
- Climbing 5 or more flights of stairs while wearing fire protective gear weighing at least 50 lb or more and carrying equipment/tools weighing an additional 20 to 40 lb.
- Wearing fire protective ensemble that is encapsulating and insulated. Wearing this clothing will result in significant fluid loss that frequently progresses to clinical dehydration and can elevate core temperature to levels exceeding 102.2°F (39°C).
- Searching, finding, and rescue-dragging or carrying simulated victims ranging from newborns up to adults weighing over 200 lb to safety despite hazardous conditions and low visibility.
- Advancing water-filled hose lines up to 2.5 in. in diameter from fire apparatus to occupancy (approximately 200 ft); can involve negotiating multiple flights of stairs, ladders, and other obstacles.
- Climbing ladders, operating from heights, walking, or crawling in the dark along narrow and uneven surfaces, and operating in proximity to simulated hazards.
- Unpredictable emergency requirements for prolonged periods of extreme physical exertion without benefit of warm-up, scheduled rest periods, meals, access to medication(s), or hydration.

^{*} A free PDF version of the [NFPA standard](#) may be downloaded from the NFPA website after creating an account and login. A summary of the key elements of the standard may be found in the International Fire Chiefs Association, [A Fire Department's Guide to Implementing NFPA 1582](#), www.iafc.org/docs/default-source/1safehealthshs/vws_rkit_nfpa-1582.pdf?sfvrsn=ca9b9f0d_4, pages 17 to 28.

- Operating fire apparatus in emergency mode with emergency lights and sirens.
- Ability to communicate (give and comprehend verbal orders) while wearing PPE and SCBA under conditions of high background noise, poor visibility, and drenching from hose lines and/or fixed protection systems (sprinklers).
- Functioning as an integral component of a team, where sudden simulated incapacitation of a member can result in mission failure.

Please examine this applicant to verify that they are in **physical condition** to undertake the essential jobs tasks listed above.

Respectfully,

James Mirabile

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Fire Technology Program Chair

Skagit Valley College

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I understand that I am being asked to provide this medical clearance in order to assure the Fire Protection Technology Department that, to a reasonable degree of medical certainty and based upon the information that I have, the person examined by me is medically capable of participating in the essential job functions listed above and in NFPA Standard 1582.

I have examined _____, reviewed their medical history, and make the following recommendations for their participation in Fire Protection Technology program at Skagit Valley College.

Capable of all job functions

Not capable of all job functions

Please print or type the medical provider's name, business address, and contact number below:

(____) _____

Date

Signature