

Goldendale Fire Department

Advanced Level Junior Skills List

This outline is provided to illustrate the training information and skills provided to members of the Advanced Level Juniors Program. It is not intended to be all-inclusive of all the training received, or place limits on what can be trained on. This is to show what skills an Advanced Level Junior will need to learn to perform their duties correctly and safely at a fire scene.

- Knowledge of all types of fires and how to fight them safely and correctly.
- How and why fire burns
 - Energy
 - Transmission of heat
 - States of matter
 - The combustion process
 - The fire tetrahedron
- Fire Development and how it spreads
 - 5 stages of fire
 - How fire spreads
 - Special considerations
- Byproducts of fire
 - Products of combustion
 - Toxic gasses
- Extinguishing fire
 - Knowledge of extinguishing agents and when and how to use each
 - Water
 - Foam
 - Dirt (fire lines/wild fire)
 - Classes of fire
 - Different ways to use water at a fire scene.
- Water Supply
 - Principles of municipal water supply systems
 - Principles of rural water supply
 - Types of pressure
 - Establishing water supply
 - Hydrant hookup and pumping from a hydrant
 - Supply hose lays
- Ventilation

- Advantages of ventilation
 - Considerations affecting the decision to ventilate
 - Vertical and horizontal ventilation
 - Forced ventilation (negative and positive pressure)
- Loss control tools
 - Philosophy of loss control
 - Salvage and overhaul
- Portable extinguishers
 - Types of portable fire extinguishers and how to use them
 - Extinguisher rating system
- Rapid Intervention Team
 - Purpose
 - How it works
 - "Two in, two out" rule