

Rural Alaska Community Environmental Job Training (RACEJT) Course Outline

Course schedule is designed in two two-week (14 d) segments, designated as Week 1-4 in Schedule notes

Curriculum Topics	Hours	Training Track	Training Week	Week Notes	Certification	Description
HAZWOPER	40	Core	Mar 26-30	Week 2	OSHA 40 Hr HAZWOPER Safety Training	OSHA requirements for training of personnel engaged in hazardous waste operations as outlined in 29 CFR 1910.120, including removal or handling of underground tanks and/or piping, contaminated soil and/or groundwater, subsurface investigations, construction work in which hazardous materials may potentially be present, encountered, prepared, packaged, labeled, marked, stored, shipped for disposal, or any facility wherein hazardous wastes are treated, stored, or disposed.
Rural Alaska Solid & Hazardous Waste Management in the Field Part I	20	Core	Mar 19-23	Week 1, taught with LUST and Alt Tech, Lead RRP	<i>No national or state standard.</i> Rural Alaska Solid Waste Management in the Field Course Completion Certificate	RALO covers landfill operator training. This course includes worker roles and safety for solid waste management positions other than operator, recycling facility operation, biosolid and solid waste composting, hazardous material and waste inventorying, toxicology principles, risk assessment, hazardous site inventory and community open dumpsite assessment, and NEPA introduction.
Leaking Underground Storage Tank (LUST) Awareness	4	Core	Mar 19-23	Week 1, taught with SWM and Alt Tech, Lead RRP	<i>Introduction to LUST course completion certificate</i>	The LUST course will teach trainees about LUST types and issues that they might encounter in Alaska. AST (aboveground storage tanks) will be the focus and trainees will learn about spill response and cleanup methods. State of Alaska contaminated sites program staff are guest speakers.
Alternative Treatment Technology Awareness	8	Core	Mar 19-23	Week 1, taught with LUST and SWM, Lead RRP	<i>No national or state standard.</i> <i>Survey of Alternative Treatment Technologies course completion certificate</i>	This course is a round robin of one hour sessions on site treatment preparation technologies that have highest potential to be applied in rural villages, including solid and biosolid composting, nonpoint source land and wetland treatment, principles of bioremediation and soil and tundra science, and preparation for wind energy projects.
Lead RRP	8	Home Environmental Health Technician	Mar 19-23	Week 1, taught with SWM, LUST, Alt Trt Tech	EPA Certified Lead RRP (EPA accredited)	The Lead Based Paint Renovator course is 8 hours in length, and focuses on eight modules. Topics of discussion include: "Why Should I Be Concerned About Lead Paint?", EPA regulations, preparation for work, containing dust during work, proper cleaning activities and evaluating the finished site. Also, record keeping and training of non-certified renovation workers are discussed.
Asbestos Abatement	40	Home Environmental Health Technician	Apr 23-27	Week 4	State of Alaska ASHARA/AHERA Program Abatement Certification (Complies with EPA AHERA/AMAP req.)	This course 40 hour course is designed for people that are going to conduct asbestos abatement. Topics include: background and health effects of asbestos, personal protective equipment, abatement methods and options, federal/state/local regulations, decontamination, disposal, and air monitoring.
Home Energy Efficiency/Weatherization	24	Home Environmental Health Technician	Apr 16-20	Week 3, taught with Asbestos Inspection, 6-day week	Alaska Housing Finance Corp/US Dept of Energy sanctioned Home Weatherization Certificate	Rural Alaska oriented course covers best practices and implementation of home renovation projects including insulation, mold and circulation considerations, energy efficiency improvements. Qualified trainees to engage in and implement AHFC, Alaska Energy Authority renovation projects.

RACEJT Course Outline, Continued

Curriculum Topics	Hours	Training Track	Training Cycle Start Date	Course Schedule Notes	Certification	Description
Asbestos Inspection	24	Home Environmental Health Technician	Apr 16-20	Week 3, taught with weatherization, 6-day week	State of Alaska ASHARA/AHERA Program Inspector Certification (Complies with EPA AHERA/AMAP req.)	This three-day comprehensive course is designed to train students in the identification, inspection, sampling, and assessing asbestos containing materials (ACM) in buildings. Students will also be taught how to prepare reports of findings. This class includes hands-on training for students to implement what they have learned with a mock inspection. This course complies with the EPA AHERA MAP for inspectors.
RALO: Heavy Equipment Operation & Landfill Operations	24	SWM Technician	Apr 16-20	Week3	SWANA Alaska Chapter RALO Course Completion Certificate	Landfill Operator Training for Rural Alaska Class 3 Landfills: Safety, Landfill Operations, Best Practices for unpermitted and permitted landfills
Rural Solid & Hazardous Waste Management in the Field Part 2	8	SWM Technician	Apr 16-20	Week3	Course Completion Certificate	Field trips and applied learning in operating Household hazardous waste exchange facility, packing e-wastes & batteries for recycling, risks associated with specific wastes and in-depth waste characterization, GPS uses and techniques
Tank Inspection and Maintenance	6	SWM Technician	Apr 16-20	Week3	Course Completion Rural Alaska Fuel Services	Maintenance issues with bulk fuel tank farms and complying with bulk fuel tank farm regulations & Coast Guard inspections.
Freon Recovery in Villages	16	SWM Technician	Apr 23-27	Week 4, taught with spill response, confined space, tank maintenance	EPA Section 608 Universal Technician Certification ("Refrigerant Recovery Certification")	Teaches refrigerant recovery for all categories: Type I, II, III. This course is certified but also geared to rural village situations (Typical course is 8 hours, but this course uses additional 8 hours for more practice, discussion of unique situations that may be faced by trainees.
Spill Response	16	SWM Technician	Apr 23-27	Week 4, taught with Confined Space, Freon Recovery, Tank maintenance & inspection	Course Completion Certificate	Focus is on the types of spills occurring in rural villages and how to respond effectively to reduce contamination. The main source of spills occur from tank farms and heating oil tanks and fuel transfer to these facilities.
Confined Space	8	SWM Technician	Apr 23-27	Week 4, taught with Spill Response, Freon Recovery, Tank maintenance & inspection	OSHA Confined Space Entry 29 CFR 1910.146	Provides safety training, including gear needs and safe practices for work in confined spaces. Common confined spaces in villages are dumpsite trenches, and cleanout and troubleshooting work for bulk fuel tanks & water and wastewater treatment and storage tanks.