

Career Cluster: Agriculture & Natural Resource

College: Walla Walla Community College	Related Prior Learning Outcomes
<p>Program: TURF MANAGEMENT (AAAS)</p> <p>Course: TURF 231 – PESTICIDE LICENSING</p>	<p>Program: WASHINGTON DEPARTMENT OF AGRICULTURE PESTICIDE LICENSE</p> <p>License: COMMERCIAL APPLICATOR LICENSE</p>
<p>Course Learning Outcomes:</p> <ul style="list-style-type: none"> • Discuss Washington State Pesticide Laws. • Display safety and first aid practices of pesticides and proper pesticide handling. • Define pesticide chemical groups and formulations. • Define pesticide use and usage equipment. • Calibrate sprayer. 	<p>License Learning Outcomes:</p> <ul style="list-style-type: none"> • Understand federal and Washington State pesticide laws as well as other laws that affect pesticide users. Identify the various regulatory agencies responsible for enforcement. • Define different types of pesticide formulations and uses. • Identify parts of a pesticide label and understand the information contained on the label. Understand terminology associated with pesticide use. • Describe pesticide hazards and health concerns and measures in place to protect people from exposure. • Understand how to safely and legally use, store, transport, manage spills and dispose of pesticides. • Identify the environmental consequences of improper pesticide use. • Distinguish the different types of application equipment and how they are calibrated and maintained. • Define integrated pest management strategies.

	<ul style="list-style-type: none">• Describe characteristics of insects, mites and similar relatives. Indicate the damage they cause and understand how to manage them. Identify the problems associated with insecticide use.• Describe characteristics of weeds, chemical and non-chemical means of managing them, and herbicide activity, selectivity and resistance.• Distinguish the major groups of plant pathogens and how they develop, are diagnosed and controlled.• Understand the principles and legal considerations of vertebrate management as well as the various control methods.• Washington State Department of Agriculture Private Applicator licensing exam.
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Course Credit: 3 (30 clock hours/quarter)

Assessment Method(s): Copy of license from Washington State Department of Agriculture

Approximate Faculty/Staff Hours to Administer: 0.25 hours of staff time