

Area of Study: Career and Technical
Pathway: Horticulture: Pesticide Applicator
Type: Certificate
Curriculum Code: HRT.PAA.CERT (C401G)

(Total Program Credits: 6)

Designed for learners seeking qualification for employment as a pesticide applicator in the Horticulture and Landscape industries and prepares them for the Illinois Department of Agriculture Commercial Pesticide Applicator Exam. The Pest Applicator Certificate is stackable into other Horticulture degrees and certificates allowing the opportunity to continue education in the discipline.

PROGRAM LEARNING OUTCOMES:

At the successful completion of the Pesticide Applicator Certificate program, the graduate will be able to:

- describe life cycles and hosts of insects;
- identify the types of insect prevention and controls, including sustainable practices;
- describe the various types of pesticides;
- prepare various types of pesticides;
- discuss the environmental impact of pesticides;
- diagnose plant problems; and
- manage pathogenic organisms with various means, including Integrated Pest Management.

(Fall 2020)

Program Map for Full-Time Students

Semester One: Fall	Category	Stackable Certificate	Stackable Certificate	Stackable Degree	Next Steps
		Greenhouse Grow Operations	Grounds Maintenance	Horticulture AAS	
HRT 127 Entomology: Insects, People and Plants (3)	<i>Required</i>	✓	✓	✓	Meet with your Academic Advisor to finalize your academic plan for graduation and register for stackable certificate/degree (option). Submit graduation petition by deadline (check for the specific date in catalog or syllabus.) Pesticide Certificate Complete
HRT 128 Plant Pathology (3)	<i>Required</i>	✓	✓	✓	

6 Credit Hours

See *HRT course descriptions*.

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