

# LANDSCAPE PEST MANAGEMENT, CERTIFICATE OF ACHIEVEMENT

This certificate gives students a grounding in the principles of integrated pest management in landscape and nursery settings. Integrated pest management stresses identification and monitoring of plant pests and diseases and finding the least harmful control method for the situation. Students will be familiar with invertebrate and vertebrate pests, fungal and bacterial diseases, nutritional deficiencies and weed control, and with the variety of possible control strategies. Students with this certification will be prepared for the Qualified Applicator Certificate exam administered by the California Department of Pesticide Regulation, a widely recognized certification among horticultural employers.

## Learning Outcomes

Upon successful completion of the program, students will be able to:

- Recognize ten or more insect pests and make judgments about monitoring and managing them in landscape or nursery settings.
- Recognize ten or more plant diseases and make judgements about preventing and managing them in landscape or nursery settings.
- Recognize three or more plant nutritional deficiencies and make judgements about addressing them in landscape or nursery settings.
- Read pesticide labels, understand hazards associated with products, and use appropriate application techniques according to label directions.
- Pass the Qualified Applicator Certificate exam administered by the California Department of Pesticide Regulation.

## Certificate of Achievement Requirements

Code	Title	Units
<b>Required Core</b>		
HORT 51	Introduction to Horticulture I	3
HORT 52	Introduction to Horticulture II	3
HORT 78	Integrated Pest Management	3
<b>Total Units</b>		<b>9</b>

Please refer to the program requirements section of the Catalog for information about associate degree requirements and certificate requirements including Information Competency, and General Education requirements.

The model sequence of coursework below is one pathway for students to complete the program. The information below is not an official educational plan. An MPC Counselor can assist you with creating a personalized education plan based on your academic, career, and personal goals. Visit MPC's Counseling website for more information about Counseling and up-to-date program requirements.

## Suggested Course Sequence

<b>Year 1</b>		
<b>Fall</b>		<b>Units</b>
HORT 51	Introduction to Horticulture I	3
HORT 78	Integrated Pest Management	3
<b>Units</b>		<b>6</b>
<b>Spring</b>		
HORT 52	Introduction to Horticulture II	3
<b>Units</b>		<b>3</b>
<b>Total Units</b>		<b>9</b>

MPC "Ready to Work" Career Education programs offer students the opportunity to gain knowledge and skills needed for employment and job advancement.

All students should consult with a Counselor to discuss career pathways, for support with career exploration and planning, and to create a personalized education plan to help them meet their academic, career, and personal goals. Visit MPC's Counseling website for more information about Counseling services provided by MPC and to connect with a Counselor.

Additional resources are available through MPC's Career & Transfer Resource Center (CTRC). The CTRC offers career resources, workshops, guidance and referrals. Visit the CTRC for support finding online career information and other resources to explore majors, occupations, and employment information.