

LANDSCAPE IRRIGATION, CERTIFICATE OF ACHIEVEMENT

This certificate gives students a grounding in sustainable landscape irrigation based on local practices. It includes the opportunity to become certified as a Qualified Water Efficient Landscaper (QWEL). QWEL is a widely recognized certification based on principles of sustainable landscape design and water conservation in the design and management of landscape irrigation systems.

Learning Outcomes

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

- Pass the Qualified Water Efficient Landscaper exam.
- Conduct a landscape water audit and make recommendations to enhance efficiency.
- Design a small landscape irrigation system appropriate to the soil and plant materials.
- Determine the water needs of landscape species.
- Explain and apply the evapotranspiration rates of the Monterey Peninsula throughout the irrigation season.
- Explain and choose appropriate irrigation components for water delivery and scheduling.

Certificate of Achievement Requirements

Code	Title	Units
Required Core		
HORT 51	Introduction to Horticulture I	3
HORT 52	Introduction to Horticulture II	3
HORT 70	Irrigation Design and Water Economy	3
Total Units		9

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

Year 1		
Fall		Units
HORT 51	Introduction to Horticulture I	3
HORT 70	Irrigation Design and Water Economy	3
Units		6

Spring

HORT 52	Introduction to Horticulture II	3
Units		3
Total Units		9

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.