

SKILL CERTIFICATE IN IRRIGATION MANAGEMENT

Students completing this certificate will acquire water management, plant-water-soil relationships, salinity management, system evaluation and improvements.

Program Outcomes

- Analyze plant/soil/water relationships and determine irrigation requirements for optimum plant growth and crop yield.
- Manage farm irrigation systems in an efficient and cost effective manner.
- Develop irrigation schedules that optimize crop growth while conserving water.

Career Opportunities

Upon successful completion of this certificate, students will be prepared for employment in the following jobs: Irrigation Scheduler, Water Resource Technician, Irrigation Technician.

Program Requirements

Code	Title	Units
REQUIRED CERTIFICATE COURSES		
AG 004	Soil Science	3
AGMT 108	Ag Business Computer Applications	3
PLSI 108	Ag Water Management	3
PLSI 118	Advanced Irrigation	3
RESTRICTED ELECTIVES		
Select one of the following courses:		
PLSI 001	Introduction to Plant Science	3
PLSI 012	Fruit and Nut Production	3
PLSI 111	Citrus Production	3
PLSI 113	Grape Production	3
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TOTAL		15

The Skill Certificate requirements include completion of the certificate courses with a "C" or better grade in each course. Required and support courses may be substituted with the approval of the Agriculture Division Chair.