

Irrigation Systems Management - Non Credit

The Irrigation System Management Certificate of Completion provides the fundamental knowledge and skills for a person to work with advanced irrigation systems to ensure its safe operation, proper functions, and long term usage. Courses focus on operation and maintenance of the entire irrigation system for the purpose of upgrading the skills of current field workers or irrigators. Technology, including automated irrigation, will be a component of this certificate.

Program Student Learning Outcomes

Upon completion of the program, the student will be able to:

1. Students will use an automated system to control the irrigation of agricultural crops.
2. Students will demonstrate the proper maintenance of water delivery systems.
3. Students will explain the factors required for proper operation of a filter station.

<i>Course #</i>	<i>Title</i>	<i>Units</i>
Required Core Courses		
NC 182	Understanding Flow and Pressure	N/A
NC 183	Use of Field Mobile Computing Devices	N/A
NC 184	Maintenance of Agriculture Irrigation Filter Systems	N/A
NC 185A	Installing Field Sensors Filter Systems	N/A
NC 185B	Installing Automated Irrigation Systems Filter Systems	N/A
NC 185C	Scheduling Automated Irrigation Systems Filter Systems	N/A
NC 186	Maintenance of Irrigation Pumping and Delivery	N/A
NC 187	Impacts of the Sustainable Groundwater Management Act (SGMA)	N/A
	Total Hours	145