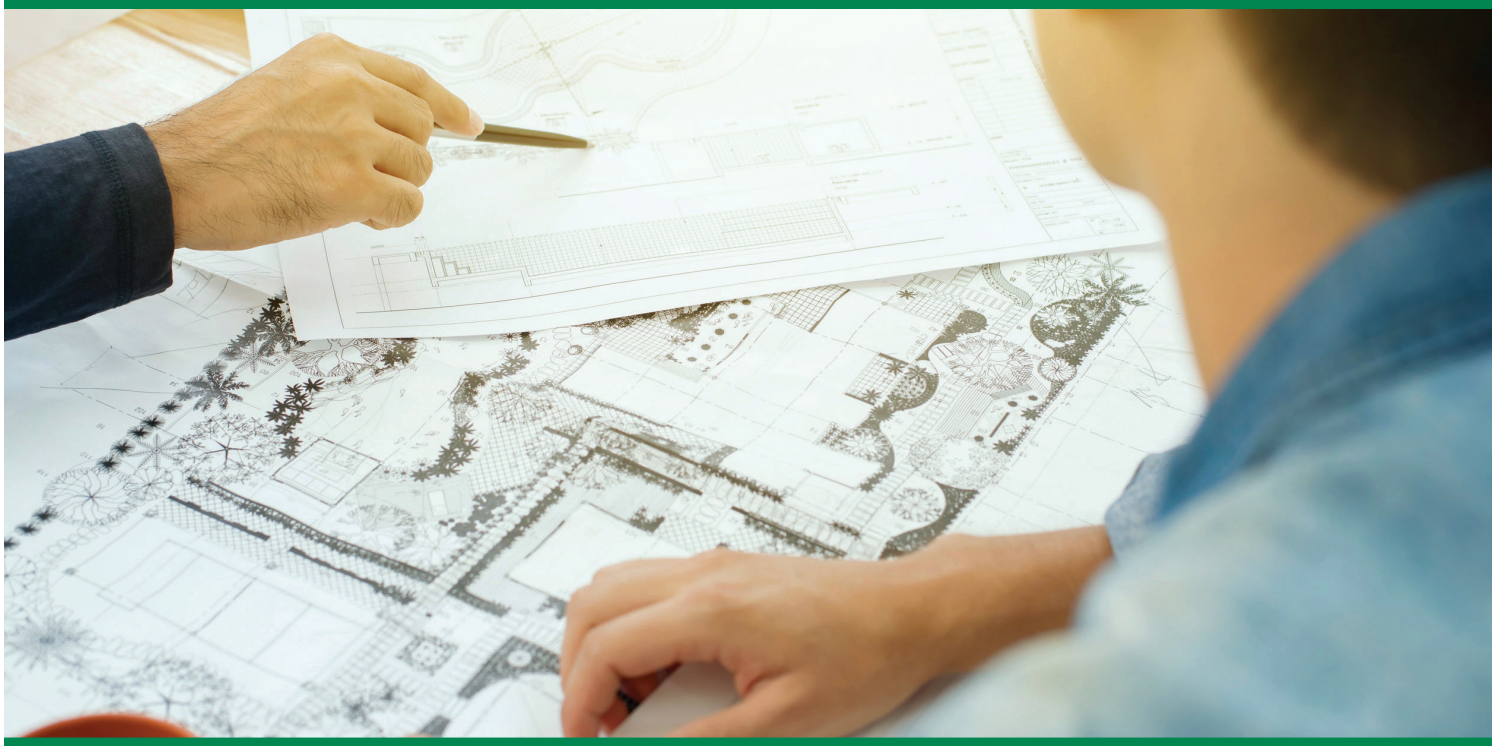
RAIN BIRD®

Rain Bird Training Services



Earn Continuing Education Units through Rain Bird Training and the Landscape Architecture Continuing Education System (LA CES)

Rain Bird Training Services is proud to be a Continuing Education provider for the Landscape Architecture Continuing Education System.

Landscape Architecture Continuing Education System™

LA CES™

EDUCATION PROVIDER

Class Title	LA CES CEUs
Introduction to Irrigation and Installation	8
Irrigation Technician's Course	8
Landscape Irrigation Design Process	8
Efficient Irrigation Scheduling	4
Irrigation Bidding & Estimating	4

Class descriptions on reverse side.

To register, please visit:
www.rainbirdservices.com

Questions? Contact us at **1-800-498-1942**
Rain Bird International, Inc. - Services Division

Course Descriptions

Introduction to Irrigation and Installation — 8 hours

So you're new to the irrigation industry or you have never had an opportunity to get your hands on any product, now is your chance. In this introductory course you will learn the basics of irrigation installation. Topics that will be covered: introduction to irrigation, product identification and terminology, basic design procedures, techniques in installation and set-up, troubleshooting and maintenance of newly installed systems.

Learning Objectives:
Upon completion of this course, students will be able to:

1. Identify common irrigation system components
2. Define basic irrigation terminology
3. Lay out a basic irrigation system design
4. Set up and install a basic irrigation system
5. Troubleshoot and maintain a newly installed irrigation system

Irrigation Technician's Course — 16 hours

This intensive two day course takes you through the important topics related to the repair and maintenance of efficient irrigation systems. This class is ideal for irrigation service technicians, irrigation system managers, distributor personnel or other irrigation professionals that want a better understanding of the set-up and maintenance of efficient, effective irrigation systems. (Note: A Rain Bird product catalog is provided in class, but students may bring any manufacturer's catalog they wish to use)

Learning Objectives:
Upon completion of this course, students will be able to:

1. Identify key components of an irrigation system
2. Explain the basic principles of hydraulics
3. Determine flow and pressure limitations
4. Develop a basic irrigation system schedule
5. Identify, investigate, and repair typical problems with irrigation system components.

Landscape Irrigation Design Process — 8 hours

The key to the popularity of this course is its "practice what you learn" approach. Throughout the day, there are opportunities to perform practical exercises in residential design. Gain and reinforce the following concepts:

- Hydraulics
- Determining irrigation requirements
- Sizing pipes/valves
- Site location of controllers
- Selecting sprinklers and spacing ranges
- Proper layout of valves
- Calculating system pressure requirements
- Preparing a final irrigation plan.

(Note: A Rain Bird product catalog is provided in class, but students may bring any manufacturer's catalog they wish to use)

Learning Objectives:
Upon completion of this course, students will be able to:

1. Obtain accurate site information
2. Identify and lay out hydrozones
3. Select and lay out components
4. Use hydraulic principals to establish zones and pipe layouts
5. Prepare a final irrigation plan

Efficient Irrigation Scheduling — 4 hours

Students will be introduced to water efficient irrigation scheduling practices including plant water requirements, irrigation system performance, soil moisture storage and weather based efficient scheduling. Topics covered include:

- The cost of wasted water
- Water requirement
- Sprinkler performance
- Soil properties
- Weather based scheduling

Learning Objectives:
Upon completion of this course, students will be able to:

1. Determine a plant water requirement based on plant conditions
2. Accurately calculate sprinkler performance
3. Identify soil properties that effect irrigation frequency needs
4. Create an accurate watering schedule based on Soil-Plant-Water relationships

Irrigation Bidding & Estimating — 4 hours

TThis class is designed for financial decision-makers involved in the process of pricing irrigation contracting projects, both installation and maintenance. Learn the typical cost categories involved in irrigation projects, how to recover overhead, and most importantly, earn a profit after all of the bills have been paid. (Note: no project estimating system is perfect, and Rain Bird Training Services cannot guarantee profitability of any project you price using the methods in this class)

Learning Objectives:
Upon completion of this course, students will be able to:

1. Identify the four areas of job costs
2. Calculate a labor burden for irrigation projects
3. Define and calculate overhead recovery needs
4. Establish a profit markup that meets the profit goals of the company

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