



## **IRRIGATION INDUSTRY ASSOCIATION OF B.C.**

IIABC 205 – 2469 Montrose Avenue, Abbotsford BC V2S 3T2

P: 604-744-4274 E: iiabc@irrigationbc.com W: irrigationbc.com

Last date of review: July 10, 2024

Note: IIABC reserves the right to amend course outlines as needed without notice.

### **Landscape Drip Design Course**

#### **Course Description:**

The Landscape Drip Design course offers foundational knowledge and practical skills for designing and managing drip and micro-irrigation systems in landscape settings. This one-day course is designed to equip participants with essential tools and techniques necessary for efficient water management in landscapes. We highly recommend this course for those interested in taking any CID exams. The information within this course is neither a prerequisite for the CID programs, nor is it a comprehensive instruction for the content of the CID tests.

#### **Learning Outcomes:**

By the end of this course, participants will be able to:

1. Design drip and micro-irrigation systems for single plants and bedding plants.
2. Calculate water requirements based on evapotranspiration (ET), soil characteristics, and plant root zone storage capacity.
3. Determine application operating times and rates for effective water distribution.

#### **Course Content:**

1. **Introduction to Drip and Micro-Irrigation Systems**
  - Overview of drip and micro-irrigation system components and applications in landscape design.
2. **Design Considerations**
  - Techniques for designing systems tailored to single plants and bedding plants.
3. **Calculating Water Requirements**
  - Methods for calculating water needs based on ET, soil types, and plant root zone characteristics.
4. **Application Operating Times and Rates**
  - Determining optimal operating times and application rates to meet irrigation requirements.

#### **Course Fees (Course fee is subject to change at any time):**

- **Non-Members:** \$600 + GST
- **Members:** \$500 + GST



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- **Course Retake Fee:** 70% of the respective fee you paid before when you took the course.

**Subsidies:** The Okanagan Basin Water Board (OBWB) is generously offering \$100 course subsidies to Okanagan residents and companies working on irrigation systems in the Okanagan.

**Prerequisite:** A general knowledge of Irrigation Design is beneficial but not required to enroll in this course.

### Course Schedule:

- **Spring Term:** Not offered (Online course is not available)
- **Winter Term:** November or December, annually during the annual conference (In-person only)

**Instructional Time:** The course includes 8 hours of instructional time, with breaks. Attendance is mandatory to be eligible for a statement of completion.

### Course Materials:

- **In-person Courses:** Materials are provided on the day of the course.
- **Online Courses:** Not available.

**Exam Fee:** Not applicable.

**Exam Information:** There is no exam directly tied to this course.

Upon attending the course's instructional time, a statement of completion (also known as completion letter) is awarded to you.

For more information, please contact us at [iiabc@irrigationbc.com](mailto:iiabc@irrigationbc.com).

Approved by: IIABC Certification Board and Chair - Certification Board