



## 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.

### **Advanced Turf Irrigation Design Course**

#### **Course Description:**

The Advanced Turf Irrigation Design workshop offers in-depth training in advanced irrigation design and management principles. This intensive one-day course focuses on equipping participants with the skills needed to create efficient and effective irrigation systems for turf applications. 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. Integrate soils, plant water requirements, and climatic data to establish comprehensive system design parameters.
2. Perform detailed friction loss calculations to optimize system performance.
3. Assess water source supply capabilities and requirements.
4. Select and specify system components based on design specifications.
5. Enhance proficiency in irrigation design for turf applications.

#### **Course Content:**

1. **Integration of Design Parameters**
  - Combining soils, plant water use, and climatic data to establish effective system design parameters.
2. **Friction Loss Calculations**
  - Detailed calculations to assess and minimize friction losses within irrigation systems.
3. **Water Source Supply Assessment**
  - Determining the capacity and requirements of water sources to meet irrigation demands.
4. **System Components and Function**
  - Selection and specification of system components based on design criteria and application requirements.

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

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

**MEMBER OF THE IRRIGATION ASSOCIATION**



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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:** Completion of the Fundamentals of Irrigation Design course or enrollment in a CID Exam with access to the textbook.

### Course Schedule:

- **Spring Term:** February to April, annually (offered online only, based on demand)
- **Winter Term:** November or December, annually during the annual conference (In-person only, offered based on demand)

**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:** No CID Exam is 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