



# 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.

## Certified Irrigation Scheduler Course (CIS)

### Course Description:

The Certified Irrigation Scheduler (CIS) course focuses on equipping participants with the skills necessary to effectively schedule irrigation systems, ensuring optimal water use efficiency and minimal waste. This course combines theoretical knowledge with practical applications to enhance scheduling proficiency.

### Learning Outcomes:

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

1. Identify system problems that contribute to water waste.
2. Understand the impact of irrigation uniformity on scheduling.
3. Conduct a proper catch can test to assess system performance.
4. Calculate Precipitation Rate (PR) and Lower Half Distribution Uniformity (LHDU).
5. Develop a simplified irrigation schedule based on system requirements.
6. Utilize online scheduling calculators effectively to create and adjust irrigation schedules.

### Course Content:

1. **System Problem Evaluation**
  - o Identification of system issues leading to water wastage.
2. **Impact of Uniformity on Scheduling**
  - o Understanding how uniformity affects irrigation scheduling.
3. **Catch Can Test**
  - o Proper techniques for conducting a catch can test to evaluate system performance.
4. **Calculation of Precipitation Rate & LHDU**
  - o Methods for calculating Precipitation Rate (PR) and Landscape Hydraulic Demand Units (LHDU).
5. **Creating a Simplified Irrigation Schedule**
  - o Development of an efficient irrigation schedule based on system characteristics.
6. **Online Scheduling Calculator**
  - o Correct usage of online tools and calculators to optimize irrigation schedules.

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

- **Non-Members:** \$480 + GST
- **Members:** \$430 + GST
- **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:** While completion of CIT-1, CID, or CLIA certification is recommended for exam eligibility, participants may enroll in the CIS course without fulfilling these prerequisites. However, the



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exam itself requires meeting the prerequisite criteria.

### Course Schedule:

- **Spring Term:** Offered “in season” months only, since we will utilize irrigation systems that are functioning for practical on-site assessments.
- **Winter Term:** Not offered

**Instructional Time:** The course includes 16 hours of instructional time over two days, with breaks. Attendance is mandatory to be eligible to write the exam. You cannot challenge the exam without attending the full instructional time.

### Course Materials:

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

### Exam Fee:

- **Members:** \$150 + GST (additional to course fee)
- **Non-members:** Not eligible to take the exam.

### Exam Information:

- **Format:** Multiple choice questions (100 MCQs)
- **Passing Percentage:** 75%
- **Proctoring:** Exam must be proctored and cannot be taken online.
- **Delivery Options:**
  - In-person course: Exam can be taken immediately after the course.
  - Online course: Not available.
- **Eligibility:** Participants must hold CIT-1, or CID, or CLIA certification. A minimum of one-year industry experience and current IIABC membership are required for eligibility.
- **Re-write Fee:** \$100 + GST.

Upon passing the exam, a certificate will be emailed to you. To maintain your certification, an annual ACF active certification fee of \$25 is required, and your name will be listed on our certified professional’s directory.

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

Approved by: IIABC Certification Board and Chair - Certification Board