



# 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.

## **Pump Course**

### **Course Description:**

The Pump Course offers comprehensive instruction on selecting, installing, and maintaining pumps for irrigation systems. Participants will gain practical knowledge and skills necessary for effectively managing water sources and pump systems in irrigation applications.

### **Learning Outcomes:**

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

1. Identify various water sources suitable for irrigation.
2. Understand different types of pumps commonly used in irrigation.
3. Calculate total dynamic head (TDH) to select appropriate pumps.
4. Determine the best pump for specific irrigation applications.
5. Demonstrate installation methods for common irrigation pumps.

### **Course Content:**

1. **Water Sources for Irrigation**
  - Overview of water sources commonly used in irrigation systems.
2. **Types of Pumps**
  - Introduction to different types of pumps utilized in irrigation.
3. **Calculating Total Dynamic Head (TDH)**
  - Methods for determining TDH to select suitable pumps.
4. **Pump Selection**
  - Guidelines for choosing the right pump based on application requirements.
5. **Installation Methods**
  - Techniques for installing common irrigation pumps.

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

- **Non-Members:** \$375 + GST
- **Members:** \$340 + 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:** No prerequisites are required to enroll in this course. However, familiarity with the installation and operation of irrigation systems is beneficial.

### 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