

**Course Title:** Membranes for Drinking Water Treatment

**Contact Hours:** 7

**CEU Value:** 0.7

**Course Description:**

This one day course will provide the technical background necessary to better operate membrane systems in drinking water treatment. The course will cover membrane classification, performance, flow, fouling and membrane integrity testing (MIT). To illustrate membrane fouling and membrane integrity testing, the course includes computer models, specifically developed for training purposes only. This course encompasses strong hands on components to allow the practice of fouling control and membrane integrity testing.

*Areas of study include:*

- Membrane classification,
- Membrane system performance,
- Flow through membranes,
- Membrane fouling and control strategies,
- Membrane integrity testing.

*Target audience:* Operators and managers of water treatment systems, college and university students, junior or entry-level design engineers.

**PLEASE NOTE:** *Due to the hands-on component using the membrane system, this course is held only at the Walkerton Clean Water Centre.*