

CERTIFICATION

Wastewater Collection and Treatment II

[4 DAYS INSTRUCTION + 1 DAY EXAM]

COURSE OVERVIEW

This purpose of this course is to provide operators of wastewater collection and treatment systems with the knowledge required to successfully operate and maintain community facilities, and successfully challenge provincial certification exams.

COURSE OUTLINE

🔵 Legislation 🔵 Wastewater fundamentals (bacteriology, sampling, lab safety, confined space, lift stations, force mains and sewer mains). 🔵 Preliminary and primary treatment (flow measurement, preliminary treatment, primary treatment). 🔵 Secondary treatment (secondary treatment process, activated sludge process, process control tests). 🔵 Solids handling and waste stabilization ponds (sources of solids, digestion, waste stabilization ponds / lagoons, types of ponds). 🔵 Disinfection (disinfection and chlorination, sodium hypochlorite, chlorine, ozonation, radiation disinfection (UV)). 🔵 Electrical / maintenance (electrical theory, safety, pump theory, valves, preventive maintenance). 🔵 Basic wastewater collection (collection system operations, pumping stations, hydraulics, piping, valves, distribution system maintenance).

PREREQUISITE

Class I requires OIT, Class II requires Class I, Class III requires Class II.

TARGET AUDIENCE

Wastewater utility field staff, wastewater utility construction inspectors, and wastewater system design personnel.

**DOWNLOAD THE KCE
REGISTRATION FORM
AND THE MOE EXAM FORM
FROM OUR HOMEPAGE.**

LOCATION

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WEB SITE

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COURSE DURATION

4 days + 1 exam day

TIME

8:30 am to 4:30 pm

DIRECTOR APPROVED CEUs

2.8

TRAINER

TBA

COST

\$1000.00 + \$30.00 HST =
\$1130.00

