



HUMANITARIAN WATER ENGINEERING

FALL 2022
ONLINE INTENSIVE

Course dates: **7 Sep 2022 to 2 Dec 2022** | Registration deadline: **31 Aug 2022**

OVERVIEW

The Humanitarian Water Engineering Intensive Course offers participants an opportunity to gain essential knowledge and skills on safe water supply in humanitarian emergencies. The course covers the theoretical fundamentals of, and practical considerations for, the design and operation of water supply systems in humanitarian response including source water selection, water quality, water treatment, distribution and the safe water chain, and outbreak preparedness and response.

Over the course of twelve weeks in Fall 2022, participants will engage in a rich, multifaceted online learning experience consisting of curated readings, knowledge-testing quizzes, lectures from experienced engineering practitioners and faculty, and small group problem-based learning activities guided by talented facilitators. A certificate will be offered to participants upon successful completion of the course.

PARTICIPANTS

This course is intended to help individuals prepare to work as WASH practitioners in the humanitarian sector. The course is most appropriate for those with some education, training, and/or experience in water engineering or in humanitarian response, including: humanitarian professionals, professional engineers or technical specialists, and recent graduates.

STRUCTURE

- Pre-Reading A:
Humanitarian principles, standards, and structures
-
- Pre-Reading B:
WASH and public health
-
- Unit 1:
Water quality characterization and risk assessment
-
- Unit 2:
Water source development in emergencies
-
- Unit 3:
Water treatment in emergencies
-
- Unit 4:
Distribution and safe water chain
-
- Unit 5:
Outbreak preparedness and response

Find out more and apply today!

hwe.dighr.ca