

W-08 Membrane bioreactor for water reclamation: Design and operation

- Objective:** The course aims to inform senior technical and business managers on the latest technology development in MBR (membrane bioreactor) technology, including technical issues and engineering design and operation; illustrate industrial applications through case studies; and promote dialogue and exchange experiences with R&D researchers, government officials, plant managers and operators
- Contents:** This course is primarily concerned with the development of MBR for water reclamation. It covers the following topics:
- Overview of MBR for water reclamation - potential, advantages and limitations
 - Present and future MBR applications for water treatment
 - MBR concepts and design
 - Operation and maintenance implications; microbial behaviour; membrane separation; fouling control
 - Application examples and case studies
- Who should attend:** Researches, practitioners involved in development, senior managers, technical managers, environmental engineers from private and government bodies
- Courseware:** Selected slides and background documents as handouts and/or electronic files
- Certification:** Attendance certificate (subject to 80 percent attendance)
- Duration:** 2 lessons (2 hours each)
- Costs:** \$ 300 per participant (inclusive of GST)
- A discount of 20 percent applies to 3 or more participants from the same organization in the same course*
- Enquiries and registration:** Ms Theresa Tan, DHI Water & Environment, tel. 6777 6330, e-mail: info@dhi-ntu.com.sg