

INTERACTIVE ONLINE COURSE PROCESSES OF WASTEWATER TREATMENT

Information

<i>Target group:</i>	Process Controllers and Operators all over the world
<i>Entry level:</i>	Vocational level
<i>Entry level description:</i>	+ 1 or 2 years of experience at a wastewater treatment plant
<i>Fee:</i>	€ 475,-
<i>Vakgebied:</i>	Wastewater treatment
<i>Participants:</i>	16
<i>Coördinator:</i>	Claudia Peters
<i>Duration:</i>	16 hours

Learning targets

The treatment of wastewater is a complex process involving different process steps. Operators play a key role in the treatment of wastewater. Their decisions and actions have a major influence on the final treatment results.

The full process of treating wastewater in a plant will be explained in this course. You will acquire knowledge on the why and how of wastewater treatment. The most important international regulations and legislations are highlighted. You learn the basics of chemistry and microbiology to understand the processes and the behaviour of pollutants in water. This course covers the physical, chemical and biological treatment steps as well as the main process parameters. A virtual excursion takes you to different plants all over the world.

After completing this course you will understand the wastewater treatment process in practice. You will recognize how your actions influence the performance of your wastewater treatment plant. To make the course as effective as possible for you, we encourage you to share your own knowledge and experiences with the other participants.

Content

The course covers the following topics:

- Why is wastewater treated?
- Legislations
- Basics of chemistry and microbiology
- The process steps in a treatment plant
- Activated sludge
- Biological, chemical and physical treatment
- Settling & sludge
- Main process parameters
- Virtual excursion to a treatment plants

Certificate

After successfully completing this course you will receive a Certificate. World Water Academy is ISO 9001 accredited. This certificate can be accredited towards your personal Continuing Professional Development (CPD).

Training approach

This interactive online course appeals to the daily practice. The experienced trainer explains and guides you to discuss your own treatment processes and issues. You will experience alternately interactive presentations, Q&A, video's, assignments groupwork and quizzes. You can share your knowledge and examples and ask for explanations. The international character of this training will be an important asset in the discussions.