



COURSE DATASHEET

Semester:	2016/17/1
Course:	Quality Assurance of Drinking and Waste Water Treatment and Safety Technique
Code:	NKMKKVT212M
Responsible department:	
Department code:	MKNK
Responsible instructor:	Anett Fejes Lászlóné dr. Utasi

Course objectives:

Presentation legal background, quality assurance systems and professional security of the water and wastewater treatment technologies.

Course content:

To ensure the water supply and waste water treatment (potable water supply, network maintenance, operational management, waste water treatment, water utilities and technical audits) for populated areas is one of the most important and most responsible missions at all times. The legal framework of this task is provided by the 21/2002. (IV. 25) KöViM decree of the operation of water utilities. To achieve the aims of quality control the processes of the drinking water and wastewater services have to be reconciled to the standard ISO 9001 Quality Management System: documents management, system monitoring, resource management, equipment management (authentication, calibration, etc), supplier evaluation, knowledge of licensing procedures (ALU, OTH, NIFNS, etc) Environmental management system ISO 14001: waste, treatment and disposal of waste water, packaging materials, environmental law, water pollution control. This has a close relationship with the standards of MSZ EN/IEC 17025:2005 regarding the General requirements for the competence of testing and calibration laboratories and the ISO 22000 international standards which specify the requirements for a food safety management system. Occupational Health and Safety Management System, OHSAS 18001: OH&S policy, Planning for hazard identification, risk assessment and risk control, Implementation and operation, Performance measurement and monitoring, Safety measures and devices, Transportation of dangerous goods (ADR, RID), Good house keeping of hazardous materials.

Requirements, evaluation and grading:

The whole content of lectures is included in the written examination.

Required and recommended readings: