

# Certificate in Wastewater Treatment Operations

IT Sligo, in collaboration with Irish Water and the Local Authority Services National Training Group, are delighted to announce the launch of a new L6 Certificate in Wastewater Treatment Operations to be made available online and on a part time basis tailored to address the increasing needs of wastewater treatment plant operations.

Available to operatives in Local Authorities, Irish Water and Private Sector Water and Wastewater organisations.

Approved Local Authority and Irish Water employees will have their fees fully funded to undertake these programmes.

## Course Description

This course will prepare participants with the knowledge, skills and competencies required for success in operation of wastewater treatment plants. It will also provide formal certification to operatives in this area.

In Stage 1, the focus is on developing a greater understanding of computer applications, health and safety, flow measurement and controls, as well as law and compliance in the wastewater industry in Ireland.

In Stage 2, the focus is on specific specialist topics in the wastewater area including preliminary, primary and secondary treatment as well as sludge treatment and plant maintenance. Advanced wastewater treatment is also included in stage 2.

## Entry Requirements

Level 5 qualification (e.g. leaving certificate). For candidates without level 5 qualifications, a process of Recognition of Prior Learning (RPL) can be undertaken to assess the candidates' suitability to the course.

### To apply from within Local Authorities:

Contact Mr. Tom Kirby, Secretary of LASNTG.

**Phone:** +353 (0) 505 24688

**Email:** wsntg@eircom.net

### To apply from within Irish Water:

Contact Ms. Sinéad McGinley, Learning & Development Manager, Human Resources

**Phone:** +353 (0) 1 89 25357

**Email:** smcginley@water.ie

### Applications other than from Local Authorities or Irish Water:

Contact: Admissions, IT Sligo

**Phone:** +353 (0) 71 931 8511

**Email:** admissions@itsligo.ie

Module Title	Stage	Semester	Credits	Total Contact Hours/Week*	Continuous Assessment %	Exam %	Qualification
ICT and Interpersonal Transferable Skills	1	1	5	3.27	100	0	Certificate in Wastewater Treatment Operations (€2,400/yr)**
Water and Wastewater Science		1	5	2.27	100	0	
Health and Safety for Treatment Plant Operators		1	5	2.27	100	0	
Networks, Flow Measurement and Controls		2	5	2.27	40	60	
Energy Management		2	5	2.27	50	50	
Law and Compliance		2	5	2.27	100	0	
Introduction to Wastewater Treatment	2	3	5	2.27	40	60	
Preliminary and Primary Wastewater Treatment		3	5	2.27	40	60	
Secondary Wastewater Treatment		3	5	2.27	100	0	
Wastewater Sludge Treatment		4	5	2.27	40	60	
Wastewater Treatment Plant Maintenance		4	5	2.27	40	60	
Advanced Wastewater Treatment		4	5	2.27	40	60	

\* Additional independent learning will be required depending on previous knowledge and experience

\*\* Minor / Exit Awards may be applicable for partial completion of Certificate programme.

