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### *Why Provide Skills Training for Water and Wastewater Treatment Plant Operators?*

- ◆ Meets world's best practice currently adopted by developed nations.
- ◆ Improved, sustainable Environmental outcome.
- ◆ Minimal downtime and reduced maintenance and repair costs.
- ◆ Infrastructure life is prolonged. Efficient use of chemicals.
- ◆ Workplace safety is enhanced.
- ◆ TCO (Total Cost of Ownership) is significantly reduced.
- ◆ Reduced compliance costs.

**Student Administration and Campus:**  
**Trinity Academy of Water Sciences, Pune.**

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**International Certification and Skills Training for Water and Wastewater Treatment Plant Operator**



**Trinity Academy of Water Sciences, Pune**

## Intermediate Certificate in Water Operations (Cert III) AIWS3SCWO

This course is designed for general and entry level treatment plant operators and candidate who wish to apply for positions of treatment plant trainee. The course is designed to run over 100 hours in 4 to six weeks on campus.

Students who want to apply must first complete the contact form under 'contact us' or alternatively call or email College Administration.

**Course duration:** 4-6 weeks

**Education Prerequisite:** GCE

**Learning Mode:** On Campus

**Assessment:** Written Exam

### Course Units

AIWS3MWS	Maintain Workplace Safety
AIWS3MC	Mathematical Calculations
AIWS3ARM	Apply Risk Management
AIWS3AIREP	Assess Implement & Report Environmental Procedures
AIWS3STWW	Sample and Waste Water
AIWS3PCT	Perform Complex Testing
AIWS3OCD	Operate and Control DAF
AIWS3OCGMF	Operate and Control Granular Media Filter
AIWS3OCMF	Operate and Control Membrane Filter
AIWS3OCASP	Operate and Control Activated Sludge Process
AIWS3OCABP	Operate and Control Aerobic Bioreactor Process



Water Testing Laboratory



Trinity Academy of Water Sciences, Pune

## Senior Certificate in Water Operations (Cert IV) AIWS4SCWO

This course is designed for experience water treatment plant operators and / or candidates who have completed the Intermediate Certificate in water Operations (AIWS3SCWO) and who want to apply for senior positions of treatment plant operations. The course is 9 modules and designed to run over 100 hours in 4 to six weeks on campus. Students who want to apply must first complete the contact form under 'contact us' or alternatively call or email College Administration.

**Course duration:** 6-8 weeks

**Education Prerequisite:** Graduat or Certificate III

**Learning Mode:** On Campus

**Assessment:** Written Exam

### Course Units

AIWS4CSS	Co-ordinate implementation of customer service strategies
AIWS4MST	Manage a small team
AIWS4OHS	Contribute to WHS hazard Identification, risk assessment and risk control
AIWS4EPP	Co-ordinate and monitor Environ plans and procedures
AIWS4SGL	Ensure Compliance with Water Industry Standards, Guidelines and legislation
AIWS4CWSP	Apply principles of Chemistry to water systems & processes
AIWS4STTW	Sample and test wastewater
AIWS4ETWA	Evaluate, Implement and Monitor standard trade waste discharge approvals