

Arizona Western College

Associate of Applied Science Degree in Industrial Water Treatment

Major Code: AAS.IWT

Contact: Career and Technical Education Division (928-344-7567)

Program Purpose

Graduates will demonstrate extensive knowledge in industrial water treatment that will prepare them to obtain advancement within the field.

Program Description

A self-contained program designed to meet the specific needs and requirements for the certification process associated with industrial water treatment.

A. Required Major Courses	36
IWT 145 Water Treatment Math, chemistry and Biology	3
IWT 146 Reverse Osmosis	3
IWT 147 Reverse Osmosis Troubleshooting	3
IWT 160 High Purity Water from Ion Exchange	3
IWT 161 Ion Exchange Troubleshooting	3
IWT 162 Maintaining High Purity	3
IWT 255 Pretreatment Troubleshooting	3
IWT 256 Scaling and Fouling Troubleshooting	3
IWT 257 Advanced Reverse Osmosis Monitoring and Cleaning	3
IWT 270 Feedwater and Pretreatment	3
IWT 271 Ion Exchange Troubleshooting	3
IWT 272 Post Ion Exchange	3
B. General Education Requirements	21
English Composition (ENG 101 & 102)	6
Mathematics (MAT 105 Mathematics for Applied Sciences or approved higher level math)	3
Arts and Humanities	3
Social and Behavioral Sciences	3
Physical and Biological Sciences	3
Options	2
C. Electives	7
D. Total credits required for degree	64