



# INDIGO WATER GROUP

Current Course List as of 02/22/2012

Training units are either currently approved or have been approved in previous years.

Topic	Time	W	WW	I	C	D
Basic Math	180	0.3	0.3	0.3	0.3	0.3
Advanced Math Topics	180	0.3	0.3	0.3	0.3	0.3
Intro to Distribution Systems	30	0.05	0	0	0	0.05
Intro to Collection Systems	60	0	0.1	0.1	0.1	0
Well Systems	60	0.1	0	0.1	0	0.1
Hydraulics Basics	90	0.15	0.15	0.15	0.15	0.15
Pumps	90	0.15	0.15	0.15	0.15	0.15
Hydraulics of Pumped Systems	150	0.25	0.25	0.25	0.25	0.25
Lift Stations	90				0.15	
Valves - Types and Uses	60	0.1	0.1	0.1	0.1	0.1
Water Storage	60	0.1	0.1	0.1	0.1	0.1
Disinfection	120	0.2	0.2	0.2	0.2	0.2
Chlorine Disinfection	60	0.1	0.1	0.1	0.1	0.1
Corrosion Control	180	0.3	0.3	0.3	0.3	0.3
Collection System Inspection and Testing	180	0	0	0	0.3	0
Lead and Copper Rule	60	0.1	0	0	0	0.1
Total Coliform Rule	60	0.1	0	0	0	0.1
LT2ESWTR and DBPR2 Rules	60	0.1	0.05	0.05	0	0.1
Pretreatment Program	180	0	0.3	0.3	0.3	0
Activated Sludge Basics	150	0	0.25	0.25	0	0
Activated Sludge Troubleshooting	150	0	0.25	0.25	0	0
Activated Sludge Process Control Tests	90	0	0.15	0.15	0	0
Activated Sludge Microbiology	60	0	0.1	0.1	0	0
Biological Phosphorus Removal	60	0	0.1	0.1	0	0
Chemical Phosphorus Removal	30	0	0.05	0.05	0	0
Nitrification and Denitrification	120	0	0.2	0.2	0	0
Lagoons and Fixed Film Processes	120	0	0.2	0.2	0	0
Anaerobic Digestion	60	0	0.1	0.1	0	0
Solids Handling	180	0	0.3	0.3	0	0
Disinfection	90	0.15	0.15	0.15	0.15	0.15
<b>NEW!</b> One Day Exam Cram for Wastewater	480	0	0.8	0.8	0	0
<b>Federal Pretreatment Program and Pollution Prevention</b>	150	0	0.25	0.25	0.25	0
Source of Discharge Permit Limits	120	0	0.2	0.2	0	0
Representative Sampling	120	0.2	0.2	0.2	0.2	0.2
Various laboratory procedures, each BOD, TSS, Alkalinity and Hardness, others	60	0.1	0.1	0.1	0	0
One Full Day Sampling and Analysis Evaluation	480	0.4	0.8	0.8	0	0
Effect of Water Treatment Residuals on WWTP Performance	30	0	0.05	0.05	0	0
Effect of Alkalinity Type and Concentration on Nitrifying Biofilm Activity	30	0	0.05	0.05	0	0
Optimizing the TF/SC Process for Nitrification	30	0	0.05	0.05	0	0
Denitrification with Carbonaceous Trickling Filters	30	0	0.05	0.05	0	0
Comparing Gravimetric with Spin Data: Accuracy of Process Control Calculations	30	0	0.05	0.05	0	0
<b>Total</b>	<b>77</b>	<b>3.25</b>	<b>6.85</b>	<b>6.95</b>	<b>3.4</b>	<b>2.75</b>

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