

Indigo Course ID	Course Title	Speaker	Total Course Length with Questions, Hours	Colorado Approval No. 2024	Colorado Max TUs	Colorado Water TUs	Colorado Wastewater TUs	Colorado Industrial TUs	Colorado Distribution TUs	Colorado Collection System TUs	Idaho Approvals	Indiana Approval No.	Indiana Technical Hrs	Indiana General Hrs
Math Modules														
MATH-000	Math Strategies for Success	S. Innerebner, PhD, PE	1.0	24-05983-002	0.10	0.10	0.10	0.10	0.10	0.10	See NV, WY, or WA	WWT23-3430-T01-G00	1.0	
MATH-001	Unit Conversions	S. Innerebner, PhD, PE	0.5	24-05984-002	0.05	0.05	0.05	0.05	0.05	0.05	See NV, WY, or WA	WWT23-3431-T0.5-G00	0.5	
MATH-002	Geometry	S. Innerebner, PhD, PE	0.5	24-05985-002	0.05	0.05	0.05	0.05	0.05	0.05	See NV, WY, or WA	WWT23-3432-T0.5-G00	0.5	
MATH-003	Chemical Dosing	S. Innerebner, PhD, PE	0.5	24-05986-002	0.05	0.05	0.05	0.05	0.05	0.05	See NV, WY, or WA	WWT23-3433-T0.5-G00	0.5	
MATH-004	Velocity and Hydraulic Detention Time	S. Innerebner, PhD, PE	1.0	24-05987-001	0.10	0.10	0.10	0.10	0.10	0.10	See NV, WY, or WA	WWT23-3434-T01-G00	1.0	
MATH-005	Geometry and Velocity	S. Innerebner, PhD, PE	1.5	24-05988-001	0.15	0.15	0.15	0.15	0.15	0.15	See NV, WY, or WA	WWT23-3435-T1.5-G00	1.5	
MATH-006	Using the Two-Normal and Three-Normal Equations	S. Innerebner, PhD, PE	0.5	24-06672-001	0.05	0.05	0.05	0.05	0.05	0.05	See NV, WY, or WA	WWT23-3436-T0.5-G00	0.5	
MATH-007	Advanced Activated Sludge and Clarifier Math	S. Innerebner, PhD, PE	2.0	24-10564-001	0.20	0.00	0.20	0.20	0.00	0.00				
MATH-008	Advanced Anaerobic Digester and Solids Math	S. Innerebner, PhD, PE	2.0	24-10565-001	0.20	0.00	0.20	0.20	0.00	0.00				
MATH-009	Advanced Wastewater Math Grab Bag	S. Innerebner, PhD, PE	2.0	24-10566-001	0.20	0.20	0.20	0.20	0.20	0.20				
Universal Topics														
ALL-001	Pumps	S. Innerebner, PhD, PE	2.0	24-06046-002	0.20	0.20	0.20	0.20	0.20	0.20	See NV, WY, or WA	WWT23-3437-T02-G00	2.0	
ALL-002	Hydraulics Basics	S. Innerebner, PhD, PE	1.5	24-05990-001	0.15	0.15	0.15	0.15	0.15	0.15	See NV, WY, or WA	WWT23-3438-T1.5-G00	1.5	
ALL-003	Hydraulics of Pumped Systems	S. Innerebner, PhD, PE	2.0	24-05991-001	0.20	0.20	0.20	0.20	0.20	0.20	See NV, WY, or WA	WWT23-3439-T02-G00	2.0	
ALL-004	Aeration Systems	Stacy Passaro, PE	1.5	24-09505-001	0.15	0.15	0.15	0.15	0.15	0.15		WWT23-3496-T1.5-G00	1.5	
ALL-005	Corrosion Control	S. Innerebner, PhD, PE	2.5	24-05992-001	0.25	0.25	0.25	0.25	0.25	0.25	See NV, WY, or WA	WWT23-3440-T2.5-G00	2.5	
ALL-006	Maintenance	Stacy Passaro, PE	2.0	24-05993-001	0.20	0.20	0.20	0.20	0.20	0.20	See NV, WY, or WA	WWT23-3441-T00-G1.5		1.5
ALL-007	Electrical Fundamentals	Jeremy Fielding	1.5	24-05994-001	0.15	0.15	0.15	0.15	0.15	0.15	See NV, WY, or WA	WWT23-3442-T1.5-G00	1.5	
ALL-008	Representative Sampling	S. Innerebner, PhD, PE	1.5	24-05995-002	0.15	0.15	0.15	0.15	0.15	0.00	See NV, WY, or WA	WWT23-3443-T02-G00	2.0	
ALL-009	Disinfection Byproducts	S. Innerebner, PhD, PE	1.5	24-05996-001	0.15	0.15	0.15	0.15	0.15	0.00	See NV, WY, or WA	WWT23-3444-T02-G00	2.0	
ALL-010	Chemical Handling (under construction)	S. Innerebner, PhD, PE												
ALL-011	Backflow Preventers	S. Innerebner, PhD, PE	0.5	24-08959-001	0.05	0.05	0.05	0.05	0.05	0.05		WWT23-3445-T00-G0.5		0.5
SAF-001	Trenching and Shoring	Josh Baile, MBA, CWP	2.5	24-05998-001	0.25	0.00	0.00	0.00	0.25	0.25	See NV, WY, or WA	WWT23-3452-T00-G2.5		2.5
SAF-002	Confined Space Entry	Dale Colerick, CWP	1.5	24-05999-001	0.15	0.00	0.00	0.00	0.00	0.00	See NV, WY, or WA	WWT23-3453-T00-G1.5		1.5
SAF-003	Lockout / Tagout	Raphael Workman	1.0	24-09451-001	0.10	0.00	0.00	0.00	0.00	0.00		WWT23-3497-T00-G01		1.0
SAF-004	Demolition Saw Safety	Raphael Workman	0.5	24-09506-001	0.05	0.00	0.00	0.00	0.00	0.00		Not Approved	0.0	0.0
Collection Systems Topics														
COL-001	Introduction to Collections Systems	S. Innerebner, PhD, PE	1.5	24-06000-002	0.15	0.00	0.00	0.00	0.00	0.15	See NV, WY, or WA	WWT23-3446-T1.5-G00	1.5	
COL-002	Collection System Inspection, Testing, and Cleaning - Part 1	S. Innerebner, PhD, PE	2.0	24-06001-002	0.20	0.00	0.00	0.00	0.00	0.20	See NV, WY, or WA	WWT23-344 7-T2.5-G00	2.5	
COL-003	Collection System Inspection, Testing, and Cleaning - Part 2	S. Innerebner, PhD, PE	2.5	24-06002-002	0.25	0.00	0.00	0.00	0.00	0.25	See NV, WY, or WA	WWT23-3448-T2.5-G00	2.5	
COL-004	Lift Stations	S. Innerebner, PhD, PE	2.0	24-06003-001	0.20	0.00	0.20	0.20	0.00	0.20	See NV, WY, or WA	WWT23-3449-T02-G00	2.0	
COL-005	Pretreatment and Pollution Prevention	S. Innerebner, PhD, PE	3.0	24-06004-001	0.30	0.30	0.30	0.30	0.00	0.30	See NV, WY, or WA	WWT23-3450-T03-G00	3.0	
COL-006	Manholes	S. Innerebner, PhD, PE	1.0	24-06005-001	0.10	0.00	0.00	0.00	0.00	0.10	See NV, WY, or WA	WWT23-3451-T1.5-G00	1.5	
Wastewater Treatment Topics														
WWT-001	Introduction to Wastewater: A Plant Overview	S. Innerebner, PhD, PE	2.0	24-06006-001	0.20	0.00	0.20	0.20	0.00	0.00	See NV, WY, or WA	WWT23-3462-T02-G00	2.0	
WWT-002	What's In My Wastewater: Definitions and Typical Ratios	S. Innerebner, PhD, PE	1.5	24-06007-001	0.15	0.00	0.15	0.15	0.00	0.05	See NV, WY, or WA	WWT23-3463-T1.5-G00	1.5	
WWT-003	Preliminary Treatment	S. Innerebner, PhD, PE	1.0	24-09381-001	0.10	0.05	0.10	0.10	0.00	0.05		WWT23-3498-T01-G00	1.0	
WWT-004	Primary Treatment		2.0	24-09382-001	0.20	0.00	0.20	0.20	0.00	0.00				
WWT-005	Biological Treatment Basics	S. Innerebner, PhD, PE	1.5	24-07222-001	0.15	0.00	0.15	0.15	0.00	0.00	See NV, WY, or WA	WWT23-3464-T1.5-G00	1.5	
WWT-006	Fixed Film: Trickling Filters and RBCs	S. Innerebner, PhD, PE	1.5	24-06008-001	0.15	0.00	0.15	0.15	0.00	0.00	See NV, WY, or WA	WWT23-3465-T1.5-G00	1.5	
WWT-007	Lagoons and Wetlands	Innerebner & Flowers	2.5	24-06009-001	0.25	0.00	0.25	0.25	0.00	0.00	See NV, WY, or WA	WWT23-3466-T2.5-G00	2.5	
WWT-007A	Wastewater Treatment Lagoons	S. Innerebner, PhD, PE	2.0	24-10618-001	0.20	0.00	0.20	0.20	0.00	0.00				
WWT-007B	Subsurface Flow Wetlands for Wastewater Treatment	Dave Flowers, PE	1.0	24-10616-001	0.10	0.00	0.10	0.10	0.00	0.00				
WWT-008	Lagoons and Fixed Film	S. Innerebner, PhD, PE	2.0	24-06010-001	0.20	0.15	0.20	0.20	0.00	0.00	See NV, WY, or WA	WWT23-3467-T02-G00	2.0	
WWT-009	Activated Sludge Basics	S. Innerebner, PhD, PE	3.0	24-06011-002	0.30	0.00	0.30	0.30	0.00	0.00	See NV, WY, or WA	WWT23-3468-T03-G00	3.0	
WWT-010	Activated Sludge Basics: A Mechanical Approach	S. Innerebner, PhD, PE	2.0	24-06012-001	0.20	0.00	0.20	0.20	0.00	0.00	See NV, WY, or WA	WWT23-3469-T2.5-G00	2.5	
WWT-011	Top 10 Questions for Activated Sludge Process Control	S. Innerebner, PhD, PE	2.5	24-07727-001	0.25	0.00	0.25	0.25	0.00	0.00	See NV, WY, or WA	WWT23-3470-T2.5-G00	2.5	
WWT-012A	Activated Sludge Microbiology: A View Beneath the Surface	Steve Leach	1.0	24-08900-001	0.10	0.00	0.10	0.10	0.00	0.00	See NV, WY, or WA	WWT23-3471-T01-G00	1.0	
WWT-012B	Activated Sludge Microbiology: Microscope Basics and the Micro Exam	Steve Leach	1.0	24-08901-001	0.10	0.10	0.10	0.10	0.10	0.00	See NV, WY, or WA	WWT23-3472-T01-G00	1.0	
WWT-013	Activated Sludge Microbiology: Filaments and Settling Problems	Steve Leach	1.0	24-08902-001	0.10	0.00	0.10	0.10	0.00	0.00	See NV, WY, or WA	WWT23-3473-T01-G00	1.0	
WWT-014	Types of Activated Sludge Systems	S. Innerebner, PhD, PE	1.5	24-06015-001	0.15	0.00	0.15	0.15	0.00	0.00	See NV, WY, or WA	WWT23-3474-T1.5-G00	1.5	
WWT-015	Sequencing Batch Reactors (under construction)	S. Innerebner, PhD, PE	1.5											
WWT-016	Nitrification and Denitrification	S. Innerebner, PhD, PE	3.0	24-06016-001	0.30	0.30	0.30	0.30	0.00	0.00	See NV, WY, or WA	WWT23-3475-T2.5-G00	2.5	
WWT-017	Biological and Chemical Phosphorus Removal	S. Innerebner, PhD, PE	2.0	24-06017-001	0.20	0.00	0.20	0.20	0.00	0.00	See NV, WY, or WA	WWT23-3476-T02-G00	2.0	
WWT-018	State Point Analysis for Secondary Clarifiers	Eric Wahlberg, PhD, PE	1.5	24-06018-001	0.15	0.15	0.15	0.15	0.00	0.00	See NV, WY, or WA	WWT23-3477-T1.5-G00	1.5	

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WWT-019	Activated Sludge Process Control Tests and Troubleshooting	S. Innerebner, PhD, PE	2.5	24-06019-001	0.25	0.00	0.25	0.25	0.00	0.00	See NV, WY, or WA	WWT23-3478-T2. 5-G00	2.5	
	Membranes for Water and Wastewater Treatment (under construction)		1.0		0.10	0.10	0.10	0.10	0.00	0.00				
WWT-020	Chlorine Disinfection	S. Innerebner, PhD, PE	2.5	24-06020-001	0.25	0.25	0.25	0.25	0.25	0.00	See NV, WY, or WA	WWT23-3479-T02-G00	2.0	
WWT-021	UV Disinfection (under construction)	Austin Carnes	1.5											
WWT-022	Introduction to Solids Handling and 503 Regulations	S. Innerebner, PhD, PE	1.5	24-06022-002	0.15	0.00	0.15	0.00	0.00	0.00	See NV, WY, or WA	WWT23-3480-T1.5-G00	1.5	
WWT-023	Aerobic and Anaerobic Digestion	S. Innerebner, PhD, PE	3.0	24-06023-001	0.30	0.00	0.30	0.30	0.00	0.00	See NV, WY, or WA	WWT23-3481-T2.5-G00	2.5	
WWT-024	Belt Filter Presses	S. Innerebner, PhD, PE	2.0	24-06024-001	0.20	0.20	0.20	0.20	0.00	0.00	See NV, WY, or WA	WWT23-3482-T02-G00	2.0	
WWT-025	Centrifuges	Ken Schnaars, PE	2.0	24-06025-001	0.20	0.20	0.20	0.20	0.00	0.00	See NV, WY, or WA	WWT23-3483-T02-G00	2.0	
WWT-031	Gravity and Dissolved Air Floatation Thickeners	Ken Schnaars, PE	2.0	24-10671-001	0.20	0.05	0.20	0.20	0.05	0.05				
WWT-026	Odor Control	Mike Lutz, PE	2.0	24-06026-001	0.20	0.00	0.20	0.20	0.00	0.20	See NV, WY, or WA	WWT23-3484-T00-G02		2.0
WWT-027	Treatment of Metal Wastestreams	Gary Parham, PE, CWP	1.5	24-06032-001	0.15	0.00	0.15	0.15	0.00	0.00	See NV, WY, or WA	WWT23-3485-T1.5-G00	1.5	
WWT-028	Completing the Discharge Monitoring Report (under construction)	S. Innerebner, PhD, PE	1.0											
WWT-029	How Did CDPHE Determine My Permit Limits?	S. Innerebner, PhD, PE	2.0	24-06033-001	0.20	0.20	0.20	0.20	0.00	0.00		WWT23-3486-T00-G02		2.0
WWT-030	MRT for Wastewater Treatment and Collection Systems	S. Innerebner, PhD, PE	2.0	24-06840-002	0.20	0.00	0.20	0.20	0.00	0.20		WWT23-3487-T00-G2.5		2.5
	Water Treatment & Distribution Topics													
WATER-001	Introduction to Small Water Systems	Josh Baile, MBA, CWP	1.5	24-06034-002	0.15	0.15	0.00	0.00	0.15	0.00	See NV, WY, or WA	WWT23-3454-T00-G1.5		1.5
WATER-002	Water Sources Part 1	Josh Baile, MBA, CWP	1.5	24-06035-001	0.15	0.15	0.10	0.10	0.10	0.05	See NV, WY, or WA	WWT23-3455-T00-G1.5		1.5
WATER-003	Water Sources Part 2	S. Innerebner, PhD, PE	1.0	24-06036-001	0.10	0.10	0.00	0.10	0.10	0.00	See NV, WY, or WA	WWT23-3456-T00-G01		1.0
WATER-004	Drinking Water Treatment Part 1	S. Innerebner, PhD, PE	2.5	24-06037-001	0.25	0.25	0.00	0.00	0.00	0.00	See NV, WY, or WA	WWT23-3457-T00-G2.5		2.5
WATER-005	Water Treatment Part 2 (Disinfection, Water Focus)	S. Innerebner, PhD, PE	2.5	24-06038-001	0.25	0.25	0.25	0.25	0.25	0.00	See NV, WY, or WA	WWT23-3458-T00-G2.5		2.5
WATER-006	Intro to Distribution Systems	S. Innerebner, PhD, PE	1.5	24-06696-001	0.15	0.10	0.10	0.10	0.15	0.10	See NV, WY, or WA	WWT23-3459-T00-G1.5		1.5
WATER-007	MRT Drinking Water Regulatory Course	S. Innerebner, PhD, PE	3.0	24-06743-002	0.30	0.30	0.00	0.00	0.30	0.00		WWT23-3460-T00-G2.5		2.5
WATER-008	Corrosion Control and Laboratory	S. Innerebner, PhD, PE	2.0	24-06039-001	0.20	0.20	0.20	0.20	0.10	0.10	See NV, WY, or WA	WWT23-3461-T02-G00	2.0	
WATER-009	Fire Hydrant Operation and Inspection (under construction)	S. Innerebner, PhD, PE	2.0	24-10672-001										
	Laboratory Procedures													
LAB-001	Basic Chemistry	S. Innerebner, PhD, PE	2.5	24-05997-001	0.25	0.25	0.25	0.25	0.25	0.25	See NV, WY, or WA	WWT23-3488-T00-G02		2.0
LAB-002	Laboratory - pH, Alkalinity, and Hardness	S. Innerebner, PhD, PE	2.0	24-07704-001	0.20	0.20	0.20	0.20	0.05	0.05	See NV, WY, or WA	WWT23-3489-T02-G00	2.0	
LAB-003	Laboratory - TDS, Conductivity, and Turbidity	S. Innerebner, PhD, PE	2.0	24-07745-001	0.20	0.20	0.20	0.20	0.10	0.05		WWT23-3490-T02-G00	2.0	
LAB-004	Laboratory - Total Suspended Solids	S. Innerebner, PhD, PE	1.0	24-06028-001	0.10	0.10	0.10	0.10	0.00	0.00	See NV, WY, or WA	WWT23-3491-T1.5-G00	1.5	
LAB-005	Laboratory - Proper Use of Spectrophotometers (QA/QC)	S. Innerebner, PhD, PE	1.5	24-06030-001	0.15	0.15	0.15	0.15	0.15	0.15	See NV, WY, or WA	WWT23-3492-T1.5-G00	1.5	
LAB-006	Laboratory - Chlorine Residual by DPD	S. Innerebner, PhD, PE	0.5	24-07709-001	0.05	0.05	0.05	0.05	0.05	0.00	See NV, WY, or WA	WWT23-3493-T0.5-G00	0.5	
LAB-007	Laboratory - Spectroscopic Tests: Fluoride, Nitrite, and Nitrate (under construction)	S. Innerebner, PhD, PE	1.5	24-08960-001	0.15	0.15	0.10	0.15	0.05	0.05				
LAB-008	Laboratory - Ion-Selective Electrodes (ammonia, nitrate, fluoride) (under construction)	S. Innerebner, PhD, PE	2.0	24-08961-001	0.20	0.20	0.15	0.20	0.05	0.05				
LAB-009	Laboratory - Jar Testing	S. Innerebner, PhD, PE	1.0	24-07639-001	0.10	0.10	0.10	0.10	0.00	0.00	See NV, WY, or WA	WWT23-3494-T01-G00	1.0	
LAB-010	Laboratory Testing - Biochemical Oxygen Demand	S. Innerebner, PhD, PE	2.0	24-07744-001	0.20	0.00	0.20	0.20	0.00	0.00		WWT23-3495-T1.5-G00	1.5	
LAB-011	Laboratory Testing - Total coliforms by MPN (under construction)	S. Innerebner, PhD, PE	1.5		0.15	0.15	0.15	0.15	0.15	0.00				

Indigo Course ID	Course Title	Maryland Course Code	Maryland Audience	Maryland Process?	Maryland Hours	Nebraska Municipal Hours	Nebraska Industrial Hours	New Mexico TC	New Mexico Hours
Math Modules									
MATH-000	Math Strategies for Success	7191-1-11	All Operators	Non-Process	1.0	Not approved.	Not approved.	1.0 TC	1
MATH-001	Unit Conversions	5976-16-11	All Operators	Non-Process	0.5	0.5	0.5	0.5 TC	0.5
MATH-002	Geometry	5977-16-11	All Operators & All Superintendents	Non-Process	0.5	0.5	0.5	0.5 TC	0.5
MATH-003	Chemical Dosing	5979-16-10	All Operators	Non-Process	0.5	0.5	0.5	0.5 TC	0.5
MATH-004	Velocity and Hydraulic Detention Time	7192-1-22	All Operators	Non-Process	1.0	0.5	0.5	1.0 TC	1
MATH-005	Geometry and Velocity	7193-1-22	All Operators	Non-Process	1.5	1.5	1.5	1.5 TC	1.5
MATH-006	Using the Two-Normal and Three-Normal Equations	7194-1-22	All Operators	Non-Process	0.5	Not Approved.	Not Approved.	0.5 TC	0.5
MATH-007	Advanced Activated Sludge and Clarifier Math								
MATH-008	Advanced Anaerobic Digester and Solids Math								
MATH-009	Advanced Wastewater Math Grab Bag								
Universal Topics									
ALL-001	Pumps	5979-16-11	All Operators	Non-Process	1.5	1.5	1.5	2.0 TC	2
ALL-002	Hydraulics Basics	5961-16-07	All Operators	Non-Process	1.0	1.0	1.0	1.5 TC	1.5
ALL-003	Hydraulics of Pumped Systems	5980-16-11	All Operators	Non-Process	2.0	2.0	2.0	2.0 TC	2
ALL-004	Aeration Systems	7583-9-23	All WW & Ind	Non-Process	1.5			1.0 TC	1.0
ALL-005	Corrosion Control	5981-16-11	All Operators	Non-Process	1.5	2.0	2.0	2.5 TC	2.5
ALL-006	Maintenance	5982-16-11	All Operators	Non-Process	1.5	1.5	1.5	1.5 TC	1.5
ALL-007	Electrical Fundamentals	7188-1-22	All Operators	Non-Process	1.5	1.0	Not approved.	1.5 TC	1.5
ALL-008	Representative Sampling	5983-16-11	All Operators	Non-Process	1.0	1.5	1.5	2.0 TC	2
ALL-009	Disinfection Byproducts	5984-16-11	All Operators	Process	1.0	1.5	0.0	1.5 TC	1.5
ALL-010	Chemical Handling (under construction)								
ALL-011	Backflow Preventers	7584-9-23	All Operators	Non-Process	0.5			0.5 TC	0.5
SAF-001	Trenching and Shoring	5985-16-11	All Operators & All Superintendents	Non-Process	2.0	2.0	2.0	2.5 TC	2.5
SAF-002	Confined Space Entry	5986-16-11	All Operators & All Superintendents	Non-Process	1.0	1.5	1.5	1.5 TC	1.5
SAF-003	Lockout / Tagout	9588-9-23	All Operators & All Superintendents	Non-Process	1.0			1.0 TC	1.0
SAF-004	Demolition Saw Safety	7589-9-23	All Operators	Non-Process	0.5			0.5 TC	0.5
Collection Systems Topics									
COL-001	Introduction to Collections Systems	5987-16-11	All WW, All IWW, All WWC Operators	Non-Process	1.0	1.5	0.0	1.5 TC	1.5
COL-002	Collection System Inspection, Testing, and Cleaning - Part 1	5988-16-11	All WW, All IWW, All WWC Operators	Non-Process	1.5	2.0	0.0	2.5 TC	2.5
COL-003	Collection System Inspection, Testing, and Cleaning - Part 2	5989-16-11	All WW, All IWW, All WWC Operators	Non-Process	1.5	2.0	0.0	2.5 TC	2.5
COL-004	Lift Stations	5990-16-11	All WW, All IWW, All WWC Operators	Non-Process	1.0	1.0	1.0	2.0 TC	2
COL-005	Pretreatment and Pollution Prevention	5991-16-11	All Operators & All Superintendents	Non-Process	2.0	2.5	2.5	3.0 TC	3
COL-006	Manholes	5992-16-11	All Operators	Non-Process	1.0	1.0	1.0	1.0 TC	1
Wastewater Treatment Topics									
WWT-001	Introduction to Wastewater: A Plant Overview	5993-16-11	All WW and All IWW Operators	Non-Process	1.5	1.5	0.0	2.0 TC	2
WWT-002	What's In My Wastewater: Definitions and Typical Ratios	5994-16-11	All WW, All IWW, All WWC Operators	Non-Process	1.0	1.5	1.5	1.5 TC	1.5
WWT-003	Preliminary Treatment	7596-9-23	WW and Ind	Process	1.25			1.0 TC	1.0
WWT-004	Primary Treatment								
WWT-005	Biological Treatment Basics	7195-1-22	All WW Operators	Process	1.5	Not Approved.	Not Approved.	1.5 TC	1.5
WWT-006	Fixed Film: Trickling Filters and RBCs	5995-16-11	All WW Operators	Process	1.0	1.5	0.0	1.5 TC	1.5
WWT-007	Lagoons and Wetlands	5996-16-11	WW 3, 4, A; IWW 4 Operators	Process	2.0	2.0	0.0	2.5 TC	2.5
WWT-007A	Wastewater Treatment Lagoons								
WWT-007B	Subsurface Flow Wetlands for Wastewater Treatment								
WWT-008	Lagoons and Fixed Film	5997-16-11	WW 3, 4, A; IWW 4 Operators	Process	1.0	1.5	0.0	2.0 TC	2
WWT-009	Activated Sludge Basics	5998-16-11	WW 3, 5, A; IWW 5 Operators	Process	2.0	2.5	0.0	3.0 TC	3
WWT-010	Activated Sludge Basics: A Mechanical Approach	5962-16-07 NP	WW; 3, 5 All IWW; 5	Process	2.0	2.0	0.0	2.5 TC	2.5
WWT-011	Top 10 Questions for Activated Sludge Process Control	7196-1-22	All WW / I Operators	Process	2.5			2.5 TC	2.5
WWT-012A	Activated Sludge Microbiology: A View Beneath the Surface	7597-9-23	WW and Ind	Process	1.0	1.0	0.0	1.0 TC	1
WWT-012B	Activated Sludge Microbiology: Microscope Basics and the Micro Exam	7598-9-23	WW and Ind	Non-Process	1.0			1.0 TC	1
WWT-013	Activated Sludge Microbiology: Filaments and Settling Problems	7599-9-23	WW and Ind	Non-Process	1.0	1.0	0.0	1.0 TC	1
WWT-014	Types of Activated Sludge Systems	6001-16-11	WW 3, 5, A Operators	Process	1.0	1.5	0.0	1.5 TC	1.5
WWT-015	Sequencing Batch Reactors (under construction)								
WWT-016	Nitrification and Denitrification	6002-16-11	WW 3, 4, 5, A; IWW 5 Operators	Process	1.5	2.0	0.0	3.0 TC	3
WWT-017	Biological and Chemical Phosphorus Removal	6003-16-11	WW 3, 4, 5, A; IWW 5 Operators	Process	1.5	1.5	0.5	2.0 TC	2
WWT-018	State Point Analysis for Secondary Clarifiers	6004-16-11	All WW, All IWW Operators	Process	1.0	1.5	1.5	1.5 TC	1.5

Indigo Course ID	Course Title	Maryland Course Code	Maryland Audience	Maryland Process?	Maryland Hours	Nebraska Municipal Hours	Nebraska Industrial Hours	New Mexico TC	New Mexico Hours
WWT-019	Activated Sludge Process Control Tests and Troubleshooting	6005-16-11	All WW, All IWW Operators	Process	2.0	2.0	2.0	2.5 TC	2.5
	Membranes for Water and Wastewater Treatment (under construction)								
WWT-020	Chlorine Disinfection	6006-16-11	All Operators	Process	1.0	1.5	1.5	2.5 TC	2.5
WWT-021	UV Disinfection (under construction)								
WWT-022	Introduction to Solids Handling and 503 Regulations	Not Approved.				1.5	0.0	1.5 TC	1.5
WWT-023	Aerobic and Anaerobic Digestion	6007-16-11	All WW, All IWW Operators	Process	2.0	2.0	0.0	2.0 TC	2
WWT-024	Belt Filter Presses	6008-16-11	All WW, All IWW, WT 3, 4 Operators	Process	1.0	1.5	1.5	2.0 TC	2
WWT-025	Centrifuges	6009-16-11	All WW, All IWW, WT 3, 4 Operators	Process	1.5	1.5	1.5	2.0 TC	2
WWT-031	Gravity and Dissolved Air Floatation Thickeners								
WWT-026	Odor Control	6010-16-11	All Operators	Non-Process	1.5	1.5	1.5	2.0 TC	2
WWT-027	Treatment of Metal Wastestreams	6016-16-11	All IWW Operators	Process	1.0	0.0	1.0	1.5 TC	1.5
WWT-028	Completing the Discharge Monitoring Report (under construction)	Not Approved.				Not yet approved.	Not yet approved.	Not Approved.	
WWT-029	How Did CDPHE Determine My Permit Limits?	Not Approved.				Not approved.	Not approved.	Not Approved.	
WWT-030	MRT for Wastewater Treatment and Collection Systems	Not Approved.				Not Approved.	Not Approved.	Not Approved.	
	Water Treatment & Distribution Topics								
WATER-001	Introduction to Small Water Systems	7590-9-23	All W and D	Non-Process	1.5	Not approved.	Not approved.	1.5 TC	1.5
WATER-002	Water Sources Part 1	7591-9-23	All W and D	Non-Process	1.5	Not approved.	Not approved.	1.5 TC	1.5
WATER-003	Water Sources Part 2	7592-9-23	All W and D	Non-Process	1.0	Not approved.	Not approved.	1.0 TC	1
WATER-004	Drinking Water Treatment Part 1	7593-9-23	Water 1 - 5	Process	2.5	Not approved.	Not approved.	2.5 TC	2.5
WATER-005	Water Treatment Part 2 (Disinfection, Water Focus)	7594-9-23	All W and D	Process	3.0	Not approved.	Not approved.	2.5 TC	2.5
WATER-006	Intro to Distribution Systems	7595-9-23	All W and D	Non-Process	1.75	Not approved.	Not approved.	1.5 TC	1.5
WATER-007	MRT Drinking Water Regulatory Course	Not Approved.						Not Approved.	
WATER-008	Corrosion Control and Laboratory	NOT SENT				2.0	2.0	2.0 TC	2
WATER-009	Fire Hydrant Operation and Inspection (under construction)								
	Laboratory Procedures								
LAB-001	Basic Chemistry	6015-16-11	All Operators	Non-Process	2.0	2.0	2.0	2.5 TC	2.5
LAB-002	Laboratory - pH, Alkalinity, and Hardness	7189-1-22	All Operators	Non-Process	2.0			2.0 TC	2
LAB-003	Laboratory - TDS, Conductivity, and Turbidity	7585-9-23	All Operators	Non-Process	2.0			2.0 TC	2
LAB-004	Laboratory - Total Suspended Solids	6012-16-11	All WW, All IWW, All WT Operators	Non-Process	1.0	1.0	1.0	1.5 TC	1.5
LAB-005	Laboratory - Proper Use of Spectrophotometers (QA/QC)	6014-16-11	All Operators	Non-Process	1.0	1.0	1.0	1.5 TC	1.5
LAB-006	Laboratory - Chlorine Residual by DPD	7190-1-22	All Operators	Non-Process	0.5			0.5 TC	0.5
LAB-007	Laboratory - Spectroscopic Tests: Fluoride, Nitrite, and Nitrate (under construction)							1.5 TC	1.5
LAB-008	Laboratory - Ion-Selective Electrodes (ammonia, nitrate, fluoride) (under construction)							2.0 TC	2
LAB-009	Laboratory - Jar Testing	7586-9-23	All W, WW, Ind	Non-Process	1.3			1.0 TC	1
LAB-010	Laboratory Testing - Biochemical Oxygen Demand	7587-9-23	All WW and Ind	Non-Process	2.0	2.0	1.0	1.5 TC	1.5
LAB-011	Laboratory Testing - Total coliforms by MPN (under construction)	6013-16-11	All WW, All IWW, All WT Operators	Non-Process	1.0	1.5	0.0	1.5 TC	1.5

Indigo Course ID	Course Title	Nevada Course No.	Nevada CEU Hours	Nevada Wastewater Approval	Nevada Drinking Water Hours	Ohio Approval Number (Post Jan 2024)	Ohio Contact Hours (2024)	Ohio Audience
Math Modules								
MATH-000	Math Strategies for Success	NV22-133	1.0	WW	1.0	IWG-B0100-OM	1.0	Both DW and WW
MATH-001	Unit Conversions	NV22-134	0.5	WW	0.5	IWG-B0101-OM	0.5	Both DW and WW
MATH-002	Geometry	NV22-135	0.5	WW	0.5	IWG-B0102-OM	0.5	Both DW and WW
MATH-003	Chemical Dosing	NV22-136	0.5	WW	0.5	IWG-B0103-OM	0.5	Both DW and WW
MATH-004	Velocity and Hydraulic Detention Time	NV22-137	1.0	WW	1.0	IWG-B0104-OM	1.0	Both DW and WW
MATH-005	Geometry and Velocity	NV22-138	1.5	WW	1.5	IWG-B0105-OM	1.5	Both DW and WW
MATH-006	Using the Two-Normal and Three-Normal Equations	NV22-139	0.5	WW	0.5	IWG-B0106-OM	0.5	Both DW and WW
MATH-007	Advanced Activated Sludge and Clarifier Math					IWG-S0107-OM	2.0	WW Only
MATH-008	Advanced Anaerobic Digester and Solids Math					IWG-S0108-OM	2.0	WW Only
MATH-009	Advanced Wastewater Math Grab Bag					IWG-S0109-OM	2.0	WW Only
Universal Topics								
ALL-001	Pumps	NV22-109	2.0	WW	2.0	IWG-B1101-OM	2.0	Both DW and WW
ALL-002	Hydraulics Basics	NV22-110	1.5	WW	1.5	IWG-B1102-OM	1.5	Both DW and WW
ALL-003	Hydraulics of Pumped Systems	NV22-111	2.0	WW	2.0	IWG-B1103-OM	2.0	Both DW and WW
ALL-004	Aeration Systems	NV23-516	1.0	WW	0.0	IWG-S1104-OM	1.5	WW Only
ALL-005	Corrosion Control	NV22-112	2.5	WW	2.5	IWG-B1105-OM	2.5	Both DW and WW
ALL-006	Maintenance	NV22-113	1.5	WW	1.5	IWG-B1106-OM	2.0	Both DW and WW
ALL-007	Electrical Fundamentals	NV22-114	1.5	WW	Half of Wastewater	IWG-B1107-OM	1.5	Both DW and WW
ALL-008	Representative Sampling	NV22-115	1.5	WW	2.0	IWG-S1108-OM	1.5	WW Only
ALL-009	Disinfection Byproducts	NV22-116	1.5	WW	2.0	IWG-B1109-OM	1.5	Both DW and WW
ALL-010	Chemical Handling (under construction)				0.0	IWG-B1110-OM		Both DW and WW
ALL-011	Backflow Preventers	NV22-117	0.5	WW		IWG-B1111-OM	0.5	Both DW and WW
SAF-001	Trenching and Shoring	NV22-140	2.5	S/S	2.5	IWG-B2101-X	2.5	Both DW and WW
SAF-002	Confined Space Entry	NV22-141	1.5	S/S	1.5	IWG-B2102-X	1.5	Both DW and WW
SAF-003	Lockout / Tagout	NV23-517	1.0	S/S		IWG-B2103-X	1.0	Both DW and WW
SAF-004	Demolition Saw Safety	NV23-518	0.5	S/S		IWG-B2104-X	0.5	Both DW and WW
Collection Systems Topics								
COL-001	Introduction to Collections Systems	NV22-118	1.5	WW	Half of Wastewater	IWG-S3101-OM	1.5	WW Only
COL-002	Collection System Inspection, Testing, and Cleaning - Part 1	NV22-119	2.5	WW	Half of Wastewater	IWG-S3102-OM	2.0	WW Only
COL-003	Collection System Inspection, Testing, and Cleaning - Part 2	NV22-120	2.5	WW	Half of Wastewater	IWG-S3103-OM	2.5	WW Only
COL-004	Lift Stations	NV22-121	1.5	WW	Half of Wastewater	IWG-S3104-OM	2.0	WW Only
COL-005	Pretreatment and Pollution Prevention	NV22-122	3.0	WW	Half of Wastewater	IWG-S3105-OM	3.0	WW Only
COL-006	Manholes	NV22-123	1.0	WW	Half of Wastewater	IWG-S3106-OM	1.0	WW Only
Wastewater Treatment Topics								
WWT-001	Introduction to Wastewater: A Plant Overview	NV22-149	2.0	WW	Half of Wastewater	IWG-S4101-OM	2.0	WW Only
WWT-002	What's In My Wastewater: Definitions and Typical Ratios	NV22-150	1.5	WW	Half of Wastewater	IWG-S4102-OM	1.5	WW Only
WWT-003	Preliminary Treatment	NV23-515	1.0	WW	0.0	IWG-S4103-OM	1.0	WW Only
WWT-004	Primary Treatment				0.0	IWG-S4104-OM	2.0	WW Only
WWT-005	Biological Treatment Basics	NV22-151	1.5	WW	Half of Wastewater	IWG-S4105-OM	1.5	WW Only
WWT-006	Fixed Film: Trickling Filters and RBCs	NV22-152	1.5	WW	Half of Wastewater	IWG-S4106-OM	1.5	WW Only
WWT-007	Lagoons and Wetlands	NV22-174	2.5	WW	Half of Wastewater	IWG-S4107-OM	2.5	WW Only
WWT-007A	Wastewater Treatment Lagoons					IWG-S4108-OM	2.0	WW Only
WWT-007B	Subsurface Flow Wetlands for Wastewater Treatment					IWG-S4109-OM	1.0	WW Only
WWT-008	Lagoons and Fixed Film	NV22-153	2.0	WW	Half of Wastewater	IWG-S4110-OM	2.0	WW Only
WWT-009	Activated Sludge Basics	NV22-154	3.0	WW	Half of Wastewater	IWG-S4111-OM	3.0	WW Only
WWT-010	Activated Sludge Basics: A Mechanical Approach	NV22-155	2.5	WW	Half of Wastewater	IWG-S4112-OM	2.0	WW Only
WWT-011	Top 10 Questions for Activated Sludge Process Control	NV22-156	2.5	WW	0.0	IWG-S4113-OM	2.5	WW Only
WWT-012A	Activated Sludge Microbiology: A View Beneath the Surface	NV22-157	1.0	WW	Half of Wastewater	IWG-S4114-OM	1.0	WW Only
WWT-012B	Activated Sludge Microbiology: Microscope Basics and the Micro Exam	NV22-158	1.0	WW		IWG-S4115-OM	1.0	WW Only
WWT-013	Activated Sludge Microbiology: Filaments and Settling Problems	NV22-159	1.0	WW	Half of Wastewater	IWG-S4116-OM	1.0	WW Only
WWT-014	Types of Activated Sludge Systems	NV22-160	1.5	WW	Half of Wastewater	IWG-S4117-OM	1.5	WW Only
WWT-015	Sequencing Batch Reactors (under construction)				0.0	IWG-S4118-OM	1.5	WW Only
WWT-016	Nitrification and Denitrification	NV22-173	3.0	WW	Half of Wastewater	IWG-S4119-OM	3.0	WW Only
WWT-017	Biological and Chemical Phosphorus Removal	NV22-161	2.0	WW	Half of Wastewater	IWG-S4120-OM	2.0	WW Only
WWT-018	State Point Analysis for Secondary Clarifiers	NV22-162	1.5	WW	Half of Wastewater	IWG-S4121-OM	1.5	WW Only

Indigo Course ID	Course Title	Nevada Course No.	Nevada CEU Hours	Nevada Wastewater Approval	Nevada Drinking Water Hours	Ohio Approval Number (Post Jan 2024)	Ohio Contact Hours (2024)	Ohio Audience
WWT-019	Activated Sludge Process Control Tests and Troubleshooting	NV22-163	2.5	WW	Half of Wastewater	IWG-S4122-OM	2.5	WW Only
	Membranes for Water and Wastewater Treatment (under construction)					IWG-S4123-OM	1.0	Both DW and WW
WWT-020	Chlorine Disinfection	NV22-164	2.5	WW	Half of Wastewater	IWG-B4124-OM	2.5	Both DW and WW
WWT-021	UV Disinfection (under construction)				0.0	IWG-B4125-OM	1.5	Both DW and WW
WWT-022	Introduction to Solids Handling and 503 Regulations	NV22-165	1.5	WW	Half of Wastewater	IWG-S4126-OM	1.5	Both DW and WW
WWT-023	Aerobic and Anaerobic Digestion	NV22-166	2.5	WW	Half of Wastewater	IWG-S4127-OM	3.0	WW Only
WWT-024	Belt Filter Presses	NV22-167	2.0	WW	Half of Wastewater	IWG-B4128-OM	2.0	Both DW and WW
WWT-025	Centrifuges	NV22-168	2.0	WW	Half of Wastewater	IWG-S4129-OM	2.0	WW Only
WWT-031	Gravity and Dissolved Air Floatation Thickeners					IWG-S4137-OM	2.0	WW Only
WWT-026	Odor Control	NV22-169	2.0	WW	Half of Wastewater	IWG-S4132-OM	2.0	WW Only
WWT-027	Treatment of Metal Wastestreams	NV22-170	1.5	WW	0.0	IWG-S4133-OM	1.5	WW Only
WWT-028	Completing the Discharge Monitoring Report (under construction)				0.0	IWG-S4134-OM	1.0	WW Only
WWT-029	How Did CDPHE Determine My Permit Limits?	NV22-171	2.0	WW	0.0	IWG-S4135-OM	2.0	WW Only
WWT-030	MRT for Wastewater Treatment and Collection Systems	Not Approved			Not Approved	IWG-S4136-OM	2.5	WW Only
	Water Treatment & Distribution Topics							
WATER-001	Introduction to Small Water Systems	NV22-142	0.0	--	1.5	IWG-D5101-OM	1.5	DW Only
WATER-002	Water Sources Part 1	NV22-143	0.0	--	1.5	IWG-D5102-OM	1.5	DW Only
WATER-003	Water Sources Part 2	NV22-144	0.0	--	1.0	IWG-D5103-OM	1.0	DW Only
WATER-004	Drinking Water Treatment Part 1	NV22-145	0.0	--	2.5	IWG-D5104-OM	2.5	DW Only
WATER-005	Water Treatment Part 2 (Disinfection, Water Focus)	NV22-146	0.0	--	2.5	IWG-D5105-OM	2.5	DW Only
WATER-006	Intro to Distribution Systems	NV22-147	0.0	--	1.5	IWG-D5106-OM	1.5	DW Only
WATER-007	MRT Drinking Water Regulatory Course	Not Approved			Not Approved	IWG-D5107-OM	2.5	DW Only
WATER-008	Corrosion Control and Laboratory	NV22-148	0.0	WW	2.0	IWG-D5108-OM	2.0	DW Only
WATER-009	Fire Hydrant Operation and Inspection (under construction)					IWG-D5109-OM	2.0	DW Only
	Laboratory Procedures							
LAB-001	Basic Chemistry	NV22-124	2.5	WW	2.0	IWG-B6101-OM	2.5	Both DW and WW
LAB-002	Laboratory - pH, Alkalinity, and Hardness	NV22-125	2.0	WW	0.0	IWG-B6102-OM	2.0	Both DW and WW
LAB-003	Laboratory - TDS, Conductivity, and Turbidity	NV22-126	2.0	WW	0.0	IWG-B6103-OM	2.0	Both DW and WW
LAB-004	Laboratory - Total Suspended Solids	NV22-127	1.5	WW	1.5	IWG-S6104-OM	1.0	WW Only
LAB-005	Laboratory - Proper Use of Spectrophotometers (QA/QC)	NV22-128	1.5	WW	1.5	IWG-B6105-OM	1.5	Both DW and WW
LAB-006	Laboratory - Chlorine Residual by DPD	NV22-129	0.5	WW	0.0	IWG-B6106-OM	0.5	Both DW and WW
LAB-007	Laboratory - Spectroscopic Tests: Fluoride, Nitrite, and Nitrate (under construction)				0.0	IWG-B6007-OM	1.5	Both DW and WW
LAB-008	Laboratory - Ion-Selective Electrodes (ammonia, nitrate, fluoride) (under construction)				0.0	IWG-B6108-OM	2.0	Both DW and WW
LAB-009	Laboratory - Jar Testing	NV22-130	1.0	WW	0.0	IWG-B6109-OM	1.0	Both DW and WW
LAB-010	Laboratory Testing - Biochemical Oxygen Demand	NV22-131	1.5	WW	0.0	IWG-S6110-OM	2.0	WW Only
LAB-011	Laboratory Testing - Total coliforms by MPN (under construction)	NV22-132	1.5	WW	1.5	IWG-B6111-OM	1.5	Both DW and WW

Indigo Course ID	Course Title	Tennessee Activity Number	Tennessee Wastewater Hours	Tennessee Water Hours	Tennessee Distribution Hours	Tennessee Collection Systems Hours	Washington State CEUs	Washington Approval No.	Wisconsin Approval No.	Wisconsin Municipal Waterworks	Wisconsin Wastewater
Math Modules											
							Washington rounds to nearest hr.				
MATH-000	Math Strategies for Success	R23123	1	1	1	1	0.1	ECY22-3139	Not Approved.		
MATH-001	Unit Conversions	Not Approved.	0	0	0	0	0.0	Not Approved	bhgd-1wpg	0.5	0.5
MATH-002	Geometry	Not Approved.	0	0	0	0	0.0	Not Approved	a7ij-muvr	0.5	0.5
MATH-003	Chemical Dosing	Not Approved.	0	0	0	0	0.0	Not Approved	3ttg-jlqy	0.5	0.5
MATH-004	Velocity and Hydraulic Detention Time	R23124	1	1	1	1	0.1	ECY22-3140	Not Approved.		
MATH-005	Geometry and Velocity	R23125	1.5	1.5	1.5	1.5	0.1	ECY22-3141	Not Approved.		
MATH-006	Using the Two-Normal and Three-Normal Equations	Not Approved.	0	0	0	0	0.0	Not Approved	Not Approved.		
MATH-007	Advanced Activated Sludge and Clarifier Math										
MATH-008	Advanced Anaerobic Digester and Solids Math										
MATH-009	Advanced Wastewater Math Grab Bag										
Universal Topics											
ALL-001	Pumps	R23126	2	2	2	2	0.2	ECY22-3142	2jvn-4jvw	1.5	1.5
ALL-002	Hydraulics Basics	R23127	1.5	1.5	1.5	1.5	0.1	ECY22-3101	7nmw-sr73	1.0	1.0
ALL-003	Hydraulics of Pumped Systems	R23128	2	2	2	2	0.2	ECY22-3102	a7ij-muuq	2.0	2.0
ALL-004	Aeration Systems										
ALL-005	Corrosion Control	R23129	0	2.5	2.5	2.5	0.2	ECY22-3103	a7ij-muut	2.0	2.0
ALL-006	Maintenance	R23130	1.5	1.5	1.5	1.5	0.1	ECY22-3104	a7ij-muuv	1.5	1.5
ALL-007	Electrical Fundamentals	R23131	1.5	1.5	1.5	1.5	0.1	ECY22-3143	Not Approved.	0.0	0.0
ALL-008	Representative Sampling	R23133	1.5	0	0	0	0.2	ECY22-3105	a7ij-muuz	0.0	1.5
ALL-009	Disinfection Byproducts	R23132	1.5	1.5	1.5	0	0.2	ECY22-3106	7nmw-sr7h	1.5	0.0
ALL-010	Chemical Handling (under construction)										
ALL-011	Backflow Preventers	Not Approved.	0	0	0	0	0.0	Not Approved.	Not Approved.		
SAF-001	Trenching and Shoring	R23135	2.5	2.5	2.5	2.5	0.2	ECY22-3107	a7ij-muvx	2.0 Safety	2.0 Safety
SAF-002	Confined Space Entry	R23134	1.5	1.5	1.5	1.5	0.1	ECY22-3108	19xt-pi3k	1.5 Safety	1.5 Safety
SAF-003	Lockout / Tagout										
SAF-004	Demolition Saw Safety										
Collection Systems Topics											
COL-001	Introduction to Collections Systems	R23136	0	0	0	1.5	0.1	ECY22-3109	6dp3-dpdr	0.0	1.0
COL-002	Collection System Inspection, Testing, and Cleaning - Part 1	R23138	0	0	0	2.5	0.2	ECY22-3110	6dp3-dpdt	0.0	2.0
COL-003	Collection System Inspection, Testing, and Cleaning - Part 2	R23139	0	0	0	2.5	0.2	ECY22-3111	a7ij-muv7	0.0	2.0
COL-004	Lift Stations	R23137	0	0	0	2	0.1	ECY22-3112	53r9-ynk5	0.0	1.0
COL-005	Pretreatment and Pollution Prevention	R23140	3	0	0	3	0.3	ECY22-3113	7nmw-sr7r	0.0	2.5
COL-006	Manholes	R23141	0	0	0	1	0.0	Not Approved.	6dp3-dpe1	0.0	1.5
Wastewater Treatment Topics											
WWT-001	Introduction to Wastewater: A Plant Overview	R23142	2	0			0.2	ECY22-3114	19xt-pi3n	0.0	1.5
WWT-002	What's In My Wastewater: Definitions and Typical Ratios	R23143	1.5	0		1.5	0.1	ECY22-3115	a7ij-muw5	0.0	1.5
WWT-003	Preliminary Treatment										
WWT-004	Primary Treatment										
WWT-005	Biological Treatment Basics	R23144	1.5	0	0	0	0.1	ECY22-3144	Not Approved.		
WWT-006	Fixed Film: Trickling Filters and RBCs	R23145	1.5	0	0	0	0.1	ECY22-3116	bhgd-1wpz	0.0	1.5
WWT-007	Lagoons and Wetlands	R23146	2.5	0	0	0	0.2	ECY22-3117	8xkq-7t2h	0.0	2.0
WWT-007A	Wastewater Treatment Lagoons										
WWT-007B	Subsurface Flow Wetlands for Wastewater Treatment										
WWT-008	Lagoons and Fixed Film	R23147	2	0	0	0	0.2	ECY22-3118	6dp3-dpez	0.0	1.5
WWT-009	Activated Sludge Basics	R23148	3	0	0	0	0.3	ECY22-3119	7nmw-sr91	0.0	2.5
WWT-010	Activated Sludge Basics: A Mechanical Approach	R23149	2.5	0	0	0	0.2	ECY22-3120	a7ij-muwn	0.0	2.0
WWT-011	Top 10 Questions for Activated Sludge Process Control	R23150	2.5	0	0	0	0.2	ECY22-3145	Not Approved.		
WWT-012A	Activated Sludge Microbiology: A View Beneath the Surface	R23151	1	0	0	0	0.1	ECY22-3147	Not Approved.		
WWT-012B	Activated Sludge Microbiology: Microscope Basics and the Micro Exam	R23152	1	0	0	0	0.1	ECY22-3148	Not Approved.		
WWT-013	Activated Sludge Microbiology: Filaments and Settling Problems	R23153	1	0	0	0	0.1	ECY22-3122	Not Approved.		
WWT-014	Types of Activated Sludge Systems	R23154	1.5	0	0	0	0.1	ECY22-3123	6dp3-dpfx	0.0	1.5
WWT-015	Sequencing Batch Reactors (under construction)										
WWT-016	Nitrification and Denitrification	R23155	2.5	0	0	0	0.2	ECY22-3124	2jvn-4jz3	0.0	2.0
WWT-017	Biological and Chemical Phosphorus Removal	R23156	2	0	0	0	0.2	ECY22-3125	bhgd-1wr3	0.0	1.5
WWT-018	State Point Analysis for Secondary Clarifiers	R23157	1.5	0	0	0	0.1	ECY22-3126	7nmw-srad	0.0	1.5

Indigo Course ID	Course Title	Tennessee Activity Number	Tennessee Wastewater Hours	Tennessee Water Hours	Tennessee Distribution Hours	Tennessee Collection Systems Hours	Washington State CEUs	Washington Approval No.	Wisconsin Approval No.	Wisconsin Municipal Waterworks	Wisconsin Wastewater
WWT-019	Activated Sludge Process Control Tests and Troubleshooting	R23158	2.5	0	0	0	0.2	ECY22-3127	Not Approved.		
	Membranes for Water and Wastewater Treatment (under construction)										
WWT-020	Chlorine Disinfection	R23159	2.5	0	0	0	0.2	ECY22-3146	Not Approved.		
WWT-021	UV Disinfection (under construction)										
WWT-022	Introduction to Solids Handling and 503 Regulations	R23160	1.5	0	0	0	0.1	ECY22-3128	Not Approved		
WWT-023	Aerobic and Anaerobic Digestion	R23161	3	0	0	0	0.2	ECY22-3129	2jvn-4jzb	0.0	2.0
WWT-024	Belt Filter Presses	R23162	2	0	0	0	0.2	ECY22-3130	8xkq-7t49	0.0	1.5
WWT-025	Centrifuges	R23163	2	0	0	0	0.2	ECY22-3131	8xkq-7t41	0.0	1.5
WWT-031	Gravity and Dissolved Air Floatation Thickeners										
WWT-026	Odor Control	R23165	2	0	0	2	0.2	ECY22-3132	6dp3-dphb	0.0	1.5
WWT-027	Treatment of Metal Wastestreams	R23164	1.5	0	0	0	0.1	ECY22-3133	19xt-pi69	0.0	1.0
WWT-028	Completing the Discharge Monitoring Report (under construction)						0.0	Not Approved.	Not Approved		
WWT-029	How Did CDPHE Determine My Permit Limits?	R23166	2	0	0	0	0.0	Not Approved.	Not Approved		
WWT-030	MRT for Wastewater Treatment and Collection Systems	R23167	2.5	0	0	2.5	0.0	Not Approved.	Not Approved		
	Water Treatment & Distribution Topics										
WATER-001	Introduction to Small Water Systems	R23168	0	1.5	1.5	0	0.0	Not Approved.	Not Approved.		
WATER-002	Water Sources Part 1	R23169	0	1.5	1.5	0	0.0	Not Approved.	Not Approved.		
WATER-003	Water Sources Part 2	R23170	0	1	1	0	0.0	Not Approved.	Not Approved.		
WATER-004	Drinking Water Treatment Part 1	R23171	0	2.5	0	0	0.0	Not Approved.	Not Approved.		
WATER-005	Water Treatment Part 2 (Disinfection, Water Focus)	R23172	0	2.5	2.5	0	0.0	Not Approved.	Not Approved.		
WATER-006	Intro to Distribution Systems	R23173	0	0	1.5	0	0.0	Not Approved.	Not Approved.		
WATER-007	MRT Drinking Water Regulatory Course	R23174	0	2.5	2.5	0	0.0	Not Approved.	Not Approved.		
WATER-008	Corrosion Control and Laboratory	R23175	2	2	2	2	0.0	Not Approved.	Not Approved.		
WATER-009	Fire Hydrant Operation and Inspection (under construction)										
	Laboratory Procedures										
LAB-001	Basic Chemistry	R23176	2.5	2.5	2.5	2.5	0.2	ECY22-3134	3ttg-jlqj	2.0	2.0
LAB-002	Laboratory - pH, Alkalinity, and Hardness	R23177	2	2	2	0	0.0	Not Approved	Not Approved.		
LAB-003	Laboratory - TDS, Conductivity, and Turbidity	R23178	2	2	2	2		Not Approved	Not Approved.		
LAB-004	Laboratory - Total Suspended Solids	R23179	1.5	0	0	0	0.1	ECY22-3135	6dp3-dpe6	0.0	1.0
LAB-005	Laboratory - Proper Use of Spectrophotometers (QA/QC)	R23180	1.5	1.5	1.5	0	0.1	ECY22-3136	7nmw-sr80	1.0	1.0
LAB-006	Laboratory - Chlorine Residual by DPD	Not Approved.	0	0	0	0	0.0	Not Approved	Not Approved.		
LAB-007	Laboratory - Spectroscopic Tests: Fluoride, Nitrite, and Nitrate (under construction)	Not Approved.						Not Approved	Not Approved.		
LAB-008	Laboratory - Ion-Selective Electrodes (ammonia, nitrate, fluoride) (under construction)	Not Approved.						Not Approved	Not Approved.		
LAB-009	Laboratory - Jar Testing	R23181	1	1	0	0	0.0	Not Approved	Not Approved.		
LAB-010	Laboratory Testing - Biochemical Oxygen Demand	R23182	1.5	0	0	0	0.2	ECY22-3137	Not Approved.		
LAB-011	Laboratory Testing - Total coliforms by MPN (under construction)	R23183	1.5	1.5	0	0	0.1	ECY22-3138	Not Approved.		

Indigo Course ID	Course Title	Wyoming Catalog Number	Wyoming Area	Wyoming Hours	Wyoming CORE?	Wyoming Core Hours	Wyoming Rules?
Math Modules							
MATH-000	Math Strategies for Success	2023.1098	W, D, WW, C	1	No	0	No
MATH-001	Unit Conversions	2023.1109	W, D, WW, C	0.5	Yes	0.5	No
MATH-002	Geometry	2023.1074	W, D, WW, C	0.5	No	0	No
MATH-003	Chemical Dosing	2023.1063	W, D, WW, C	0.5	Yes	0.5	No
MATH-004	Velocity and Hydraulic Detention Time	2023.1111	W, D, WW, C	1	Yes	1	No
MATH-005	Geometry and Velocity	2023.1075	W, D, WW, C	1.5	Yes	1.5	No
MATH-006	Using the Two-Normal and Three-Normal Equations	2023.1110	W, D, WW, C	0.5	Yes	0.5	No
MATH-007	Advanced Activated Sludge and Clarifier Math						
MATH-008	Advanced Anaerobic Digester and Solids Math						
MATH-009	Advanced Wastewater Math Grab Bag						
Universal Topics							
ALL-001	Pumps	2023.1102	W, D, WW, C	2	Yes	2	No
ALL-002	Hydraulics Basics	2023.1076	W, D, WW, C	1.5	Yes	1.5	No
ALL-003	Hydraulics of Pumped Systems	2023.1077	W, D, WW, C	2	Yes	2	No
ALL-004	Aeration Systems	2023.1415	WW	1.5	Yes	1.5	No
ALL-005	Corrosion Control	2023.1068	W, D, WW, C	2.5	Yes	2.5	No
ALL-006	Maintenance	2023.1096	W, D, WW, C	1.5	Yes	1.5	No
ALL-007	Electrical Fundamentals	2023.1072	W, D, WW, C	1.5	No	0	No
ALL-008	Representative Sampling	2023.1103	W, D, WW, C	1.5	Yes	1.5	No
ALL-009	Disinfection Byproducts	2023.1070	W, D, WW	1.5	Yes	1.5	No
ALL-010	Chemical Handling (under construction)						
ALL-011	Backflow Preventers	2023.0052	W, D, WW, C	0.5	Yes	0.5	No
SAF-001	Trenching and Shoring	2023.1107	W, D, WW, C	2.5	No	0	No
SAF-002	Confined Space Entry	2023.1067	W, D, WW, C	1.5	No	0	No
SAF-003	Lockout / Tagout	2023.1417	W, D, WW, C	1	No	0	No
SAF-004	Demolition Saw Safety	2023.1416	W, D, WW, C	0.5	No	0	No
Collection Systems Topics							
COL-001	Introduction to Collections Systems	2023.1079	WW, C	1.5	Yes	1.5	No
COL-002	Collection System Inspection, Testing, and Cleaning - Part 1	2023.1065	WW, C	2.5	Yes	2.5	No
COL-003	Collection System Inspection, Testing, and Cleaning - Part 2	2023.1066	WW, C	2.5	Yes	2.5	No
COL-004	Lift Stations	2023.1095	WW, C	2	Yes	2	No
COL-005	Pretreatment and Pollution Prevention	2023.1101	WW, C	3	Yes	3	No
COL-006	Manholes	2023.1097	C	1	Yes	1	No
Wastewater Treatment Topics							
WWT-001	Introduction to Wastewater: A Plant Overview	2023.1082	WW, C	2	Yes	2	No
WWT-002	What's In My Wastewater: Definitions and Typical Ratios	2023.1115	WW, C	1.5	Yes	1.5	No
WWT-003	Preliminary Treatment	2023.1418	WW	1	Yes	1	No
WWT-004	Primary Treatment						
WWT-005	Biological Treatment Basics	2023.1061	WW	1.5	Yes	1.5	No
WWT-006	Fixed Film: Trickling Filters and RBCs	2023.1073	WW	1.5	Yes	1.5	No
WWT-007	Lagoons and Wetlands	2023.1094	WW, C	2.5	Yes	2.5	No
WWT-007A	Wastewater Treatment Lagoons						
WWT-007B	Subsurface Flow Wetlands for Wastewater Treatment						
WWT-008	Lagoons and Fixed Film	2023.1093	WW C	2	Yes	2	No
WWT-009	Activated Sludge Basics	2023.1051	WW	3	Yes	3	No
WWT-010	Activated Sludge Basics: A Mechanical Approach	2023.1052	WW	2	Yes	2.5	No
WWT-011	Top 10 Questions for Activated Sludge Process Control	2023.1105	WW	2.5	Yes	2.5	No
WWT-012A	Activated Sludge Microbiology: A View Beneath the Surface	2023.1053	WW	1	Yes	1	No
WWT-012B	Activated Sludge Microbiology: Microscope Basics and the Micro Exam	2023.1055	WW	1	Yes	1	No
WWT-013	Activated Sludge Microbiology: Filaments and Settling Problems	2023.1054	WW	1	Yes	1	No
WWT-014	Types of Activated Sludge Systems	2023.1108		1.5	Yes	1.5	
WWT-015	Sequencing Batch Reactors (under construction)						
WWT-016	Nitrification and Denitrification	2023.1099	WW	3	Yes	3	No
WWT-017	Biological and Chemical Phosphorus Removal	2023.1060	WW	2	Yes	2	No
WWT-018	State Point Analysis for Secondary Clarifiers	2023.1104	WW	1.5	Yes	1.5	No

Indigo Course ID	Course Title	Wyoming Catalog Number	Wyoming Area	Wyoming Hours	Wyoming CORE?	Wyoming Core Hours	Wyoming Rules?
WWT-019	Activated Sludge Process Control Tests and Troubleshooting	2023.1056	WW	2.5	Yes	2.5	No
	Membranes for Water and Wastewater Treatment (under construction)						
WWT-020	Chlorine Disinfection	2023.1064	WW	2.5	Yes	2.5	No
WWT-021	UV Disinfection (under construction)						
WWT-022	Introduction to Solids Handling and 503 Regulations	2023.1081		1.5	Yes	1.5	
WWT-023	Aerobic and Anaerobic Digestion	2023.1057	WW	2	Yes	2	No
WWT-024	Belt Filter Presses	2023.1059	WW	2	Yes	2	No
WWT-025	Centrifuges	2023.1062	WW	2	Yes	2	No
WWT-031	Gravity and Dissolved Air Floatation Thickeners						
WWT-026	Odor Control	2023.1100	WW, C	2	Yes	2	No
WWT-027	Treatment of Metal Wastestreams	2023.1106	WW	1.5	Yes	1.5	No
WWT-028	Completing the Discharge Monitoring Report (under construction)	Not Approved.	Not Approved.	Not Approved.	Not Approved.	0	Not Approved.
WWT-029	How Did CDPHE Determine My Permit Limits?	Not Approved	Not Approved.	Not Approved	Not Approved	0	Not Approved
WWT-030	MRT for Wastewater Treatment and Collection Systems	Not Approved	Not Approved.	Not Approved	Not Approved	0	Not Approved
	Water Treatment & Distribution Topics						
WATER-001	Introduction to Small Water Systems	2023.1080	W, D	1.5	Yes	1.5	No
WATER-002	Water Sources Part 1	2023.1112	W, D	1.5	Yes	1.5	No
WATER-003	Water Sources Part 2	2023.1113	W, D	1	Yes	1	No
WATER-004	Drinking Water Treatment Part 1	2023.1071	W, D	2.5	Yes	2.5	No
WATER-005	Water Treatment Part 2 (Disinfection, Water Focus)	2023.1114	W, D	2.5	Yes	2.5	No
WATER-006	Intro to Distribution Systems	2023.1078	W, D	1.5	Yes	1.5	No
WATER-007	MRT Drinking Water Regulatory Course	2023.0051	W, D	2.5	Yes	2.5	Yes
WATER-008	Corrosion Control and Laboratory	2023.1069	W, D, WW, C	2	Yes	2	No
WATER-009	Fire Hydrant Operation and Inspection (under construction)						
	Laboratory Procedures						
LAB-001	Basic Chemistry	2023.1058	W, D, WW, C	2.5	Yes	2.5	No
LAB-002	Laboratory - pH, Alkalinity, and Hardness	2023.1086	W, D, WW	2	Yes	2	No
LAB-003	Laboratory - TDS, Conductivity, and Turbidity	2023.1089	W, D, WW	2	Yes	2	No
LAB-004	Laboratory - Total Suspended Solids	2023.1090	WW	1.5	Yes	1.5	No
LAB-005	Laboratory - Proper Use of Spectrophotometers (QA/QC)	2023.1087	W, D, WW	1.5	Yes	1.5	No
LAB-006	Laboratory - Chlorine Residual by DPD	2023.1083	W, D, WW	0.5	Yes	0.5	No
LAB-007	Laboratory - Spectroscopic Tests: Fluoride, Nitrite, and Nitrate (under construction)	2023.1088	W, D, WW	1.5	Yes	1.5	No
LAB-008	Laboratory - Ion-Selective Electrodes (ammonia, nitrate, fluoride) (under construction)	2023.1084	W, WW	2	Yes	2	No
LAB-009	Laboratory - Jar Testing	2023.1085	W, WW	1	Yes	1	No
LAB-010	Laboratory Testing - Biochemical Oxygen Demand	2023.1091	WW, C	1.5	Yes	1.5	No
LAB-011	Laboratory Testing - Total coliforms by MPN (under construction)	2023.1092	W, D, WW	1.5	Yes	1.5	No