Indigo Course ID	Course Title Math Modules	Total Course Length with Questions, Hours	Colorado Approval No. 2025	Colorado Max TUs	Colorado Water TUs	Colorado Wastewater TUs	Colorado Industrial TUs	Colorado Distribution TUs	Colorado Collection System TUs
		4.0	05 05000 000	0.40	0.40	0.40	0.40	0.40	0.40
MATH-000	Math Strategies for Success	1.0	25-05983-002	0.10	0.10	0.10	0.10	0.10	0.10
MATH-001	Unit Conversions	0.5	25-05984-002	0.05	0.05	0.05	0.05	0.05	0.05
MATH-002	Geometry Chamical Desing	0.5	25-05985-002	0.05	0.05		0.05	0.05	
MATH-003	Chemical Dosing	0.5	25-05986-002	0.05	0.05	0.05	0.05	0.05	0.05
MATH-004	Velocity and Hydraulic Detention Time	1.0	25-05987-001	0.10	0.10	0.10	0.10	0.10	0.10
MATH-005	Geometry and Velocity	1.5	25-05988-001	0.15	0.15	0.15	0.15	0.15	0.15
MATH-006	Using the Two-Normal and Three-Normal Equations	0.5	25-06672-001	0.05	0.05	0.05	0.05	0.05	0.05
MATH-007	Advanced Activated Sludge and Clarifier Math	2.0	25-10564-001	0.20	0.00	0.20	0.20	0.00	0.00
MATH-008	Advanced Anaerobic Digester and Solids Math	2.0	25-10565-001	0.20	0.00	0.20	0.20	0.00	0.00
MATH-009	Universal Topics	2.0	25-10566-001	0.20	0.00	0.20	0.20	0.00	0.00
			05 000 40 000	0.00	0.00	0.00	0.00	0.00	0.00
ALL-001	Pumps	2.0	25-06046-002	0.20	0.20	0.20	0.20	0.20	0.20
ALL-002	Hydraulics Basics	1.5	25-05990-001	0.15	0.15	0.15	0.15	0.15	0.15
ALL-003	Hydraulics of Pumped Systems	2.0	25-05991-001	0.20	0.20	0.20	0.20	0.20	0.20
ALL-004	Aeration Systems	1.5	25-09505-001	0.15	0.15	0.15	0.15	0.00	0.00
ALL-005	Corrosion Control	2.5	25-05992-001	0.25	0.25	0.25	0.25	0.25	0.25
ALL-006	Maintenance	1.5	25-05993-001	0.15	0.15	0.15	0.15	0.15	0.15
ALL-007	AC and DC Motors (Electrical Fundamentals)	1.5	25-05994-001	0.15	0.15	0.15	0.15	0.15	0.15
ALL-008	Representative Sampling	1.5	25-05995-002	0.15	0.15	0.15	0.15	0.15	0.15
ALL-009	Disinfection Byproducts	1.5	25-05996-001	0.15	0.15	0.00	0.00	0.15	0.00
ALL-010	Chemical Handling (under construction)	0.5	05 00050 004	0.05	0.05	0.05	0.05	0.05	0.05
ALL-011	Backflow Preventers	0.5	25-08959-001	0.05	0.05	0.05	0.05	0.05	0.05
SAF-001	Trenching and Shoring	2.5	25-05998-001	0.25	0.00	0.00	0.00	0.25	0.25
SAF-002	Confined Space Entry	1.5	25-05999-001	0.15	0.15	0.15	0.15	0.15	0.15
SAF-003	Lockout / Tagout Demolition Saws	1.0	25-09451-001	0.10	0.00	0.00	0.00	0.00	0.00
SAF-004		0.5	25-09506-001	0.05	0.05	0.05	0.05	0.05	0.05
	Collection Systems Topics			0.15					<u> </u>
COL-001	Introduction to Collections Systems	1.5	25-06000-002	0.15	0.00	0.00	0.00	0.00	0.15
COL-002	Collection System Inspection, Testing, and Cleaning - Part 1	2.5	25-06001-002	0.25	0.00	0.00	0.00	0.00	0.25
COL-003	Collection System Inspection, Testing, and Cleaning - Part 2	2.5	25-06002-002	0.25	0.00	0.00	0.00	0.00	0.25
COL-004	Lift Stations	2.0	25-06003-001	0.20	0.00	0.20	0.20	0.00	0.20
COL-005	Pretreatment and Pollution Prevention	3.0	25-06004-001	0.30	0.30	0.30	0.30	0.00	0.00
COL-006	Manholes	1.0	25-06005-001	0.10	0.00	0.00	0.00	0.00	0.10
	Wastewater Treatment Topics								
WWT-001	Introduction to Wastewater: A Plant Overview	2.0	25-06006-001	0.20	0.00	0.20	0.20	0.00	0.00
WWT-002	What's In My Wastewater: Definitions and Typical Ratios	1.5	25-06007-001	0.15	0.00	0.15	0.15	0.00	0.00
WWT-003	Preliminary Treatment	1.0	25-09381-001	0.10	0.05	0.10	0.10	0.00	0.05
WWT-004	Primary Treatment	2.0	25-09382-001	0.20	0.00	0.20	0.20	0.00	0.00
WWT-005	Biological Treatment Basics	1.5	25-07222-001	0.15	0.00	0.15	0.15	0.00	0.00
WWT-006	Fixed Film: Trickling Filters and RBCs	2.0	25-06008-001	0.20	0.00	0.20	0.20	0.00	0.00

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Indigo Course ID	Course Title	Total Course Length with Questions, Hours		Colorado Max TUs	Colorado Water TUs	Colorado Wastewater TUs	Colorado Industrial TUs	Colorado Distribution TUs	Colorado Collection System TUs
WWT-007	Lagoons and Wetlands	2.5	25-06009-001	0.25	0.00	0.25	0.25	0.00	0.00
WWT-007A	Wastewater Treatment Lagoons	2.0	25-10618-001	0.20	0.00	0.20	0.20	0.00	0.00
WWT-007B	Subsurface Flow Wetlands for Wastewater Treatment	1.0	25-10616-001	0.10	0.00	0.10	0.10	0.00	0.00
WWT-008	Lagoons and Fixed Film	2.0	25-06010-001	0.20	0.00	0.20	0.20	0.00	0.00
WWT-009	Activated Sludge Basics	3.0	25-06011-002	0.30	0.00	0.30	0.30	0.00	0.00
WWT-010	Activated Sludge Basics: A Mechanical Approach	2.0	25-06012-001	0.20	0.00	0.20	0.20	0.00	0.00
WWT-011	Top 10 Questions for Activated Sludge Process Control	2.5	25-07727-001	0.25	0.00	0.25	0.25	0.00	0.00
WWT-012A	Activated Sludge Microbiology: A View Beneath the Surface Activated Sludge Microbiology: Microscope Basics and the	1.0	25-08900-001	0.10	0.00	0.10	0.10	0.00	0.00
WWT-012B	Micro Exam	1.0	25-08901-001	0.10	0.00	0.10	0.10	0.00	0.00
WWT-013	Activated Sludge Microbiology: Filaments and Settling Problems	1.0	25-08902-001	0.10	0.00	0.10	0.10	0.00	0.00
WWT-014	Types of Activated Sludge Systems	1.5	25-06015-001	0.15	0.00	0.15	0.15	0.00	0.00
WWT-015	Sequencing Batch Reactors (under construction)	1.5							
WWT-016	Nitrification and Denitrification	3.0	25-06016-001	0.30	0.30	0.30	0.30	0.00	0.00
WWT-017	Biological and Chemical Phosphorus Removal	2.0	25-06017-001	0.20	0.00	0.20	0.20	0.00	0.00
WWT-018	State Point Analysis for Secondary Clarifiers	1.5	25-06018-001	0.15	0.15	0.15	0.15	0.00	0.00
	Activated Sludge Process Control Tests and								
WWT-019	Troubleshooting	2.5	25-06019-001	0.25	0.00	0.25	0.25	0.00	0.00
	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	2.5	25-06020-001	0.25	0.25	0.25	0.25	0.25	0.00
WWT-021	UV Disinfection (under construction)	1.5							
WWT-022	Introduction to Solids Handling and 503 Regulations	1.5	25-06022-002	0.15	0.00	0.15	0.00	0.00	0.00
WWT-023	Aerobic and Anaerobic Digestion	3.0	25-06023-001	0.30	0.00	0.30	0.30	0.00	0.00
WWT-024	Belt Filter Presses	2.0	25-06024-001	0.20	0.20	0.20	0.20	0.00	0.00
WWT-025 WWT-031	Centrifuges Gravity and Dissolved Air Floatation Thickeners	2.0	25-06025-001 25-10671-001	0.20	0.20	0.20	0.20	0.00	0.00
WWT-026	Odor Control	2.0 2.0	25-06026-001	0.20	0.00	0.20	0.20	0.00	0.00
WWT-020	Treatment of Metal Wastestreams	1.5	25-06032-001	0.20	0.00	0.20	0.20	0.00	0.20
VVVV1-027	Completing the Discharge Monitoring Report (under	1.0	25-00032-001	0.15	0.15	0.15	0.15	0.00	0.00
WWT-028	construction)	1.0							
WWT-029	How Did CDPHE Determine My Permit Limits?	2.0	25-06033-001	0.20	0.20	0.20	0.20	0.00	0.00
WWT-030	MRT for Wastewater Treatment and Collection Systems	2.5	25-06840-002	0.25	0.00	0.25	0.25	0.00	0.25
	Water Treatment & Distribution Topics								
WATER-001	Introduction to Small Water Systems	1.0	25-06034-002	0.10	0.10	0.00	0.00	0.10	0.00
WATER-002	Water Sources Part 1	1.5	25-06035-001	0.15	0.15	0.00	0.00	0.15	0.00
WATER-003	Water Sources Part 2	1.0	25-06036-001	0.10	0.10	0.00	0.10	0.10	0.00
WATER-004	Drinking Water Treatment Part 1	2.5	25-06037-001	0.25	0.25	0.00	0.00	0.00	0.00
WATER-005	Water Treatment Part 2 (Disinfection, Water Focus)	2.5	25-06038-001	0.25	0.25	0.25	0.25	0.25	0.00
WATER-006	Intro to Distribution Systems	2.0	25-06696-001	0.20	0.10	0.10	0.10	0.20	0.10
WATER-007	MRT Drinking Water Regulatory Course	3.0	25-06743-002	0.30	0.30	0.00	0.00	0.30	0.00
WATER-008	Corrosion Control and Laboratory	2.0	25-06039-001	0.20	0.20	0.20	0.20	0.20	0.20

Indigo Course ID	Course Title	Total Course Length with Questions, Hours	Approval No. 2025	Colorado Max TUs	Colorado Water TUs	Colorado Wastewater TUs	Colorado Industrial TUs	Colorado Distribution TUs	Colorado Collection System TUs
WATER-009	Water Storage Tanks Part 1 - Components	1.0	25-10976-001	0.10	0.10	0.10	0.10	0.10	0.00
WATER-010	Water Storage Tanks Part 2 - Water Age and Quality	1.0	25-10977-001	0.10	0.10	0.10	0.10	0.10	0.00
WATER-011	Water Storage Tanks Part 3 - Inspections	1.0	25-10978-001	0.10	0.10	0.10	0.10	0.10	0.00
WATER-012	Fire Hydrant Operation and Inspection (under construction)	2.0	25-10672-001	0.20	0.00	0.00	0.00	0.20	0.20
	Laboratory Procedures								
LAB-001	Basic Chemistry	2.5	25-05997-001	0.25	0.25	0.25	0.25	0.25	0.25
LAB-002	Laboratory - pH, Alkalinity, and Hardness	2.0	25-07704-001	0.20	0.20	0.20	0.20	0.20	0.05
LAB-003	Laboratory - TDS, Conductivity, and Turbidity	2.0	25-07745-001	0.20	0.20	0.20	0.20	0.20	0.00
LAB-004	Laboratory - Total Suspended Solids	1.0	25-06028-001	0.10	0.10	0.10	0.10	0.00	0.00
LAB-005	Laboratory - Proper Use of Spectrophotometers (QA/QC)	1.5	25-06030-001	0.15	0.15	0.15	0.15	0.15	0.00
LAB-006	Laboratory - Chlorine Residual by DPD	0.5	25-07709-001	0.05	0.05	0.05	0.05	0.05	0.00
LAB-007	Laboratory - Spectroscopic Tests: Fluoride, Nitrite, and Nitrate	1.5	25-08960-001	0.15	0.15	0.10	0.05	0.05	0.00
LAB-008	Laboratory - Ion-Selective Electrodes (ammonia, nitrate, fluoride)	2.0	25-08961-001	0.20	0.20	0.15	0.20	0.20	0.00
LAB-009	Laboratory - Jar Testing	1.0	25-07639-001	0.10	0.10	0.10	0.10	0.00	0.00
LAB-010	Laboratory Testing - Biochemical Oxygen Demand	2.0	25-07744-001	0.20	0.00	0.20	0.20	0.00	0.20
LAB-011	Laboratory Testing - BOD Calculations	0.5	25-10938-001	0.05	0.00	0.05	0.05	0.00	0.05
	Laboratory Testing - Total coliforms by MPN (under			0.15	o / =	0.45	0.45	o (5	
LAB-012	construction) Industrial Wastewater Treatment	1.5		0.15	0.15	0.15	0.15	0.15	0.00
IND-001									
IND-002 IND-003									
IND-003 IND-004									
IND-004 IND-005									
IND-005									
IND-007									
IND-008									
IND-009									
IND-010									
	Management								
MAN-001	Developing Standard Operating Procedures	1.0	25-10928-001	0.10	0.00	0.00	0.00	0.00	0.00
MAN-002									
MAN-003									
MAN-004									
MAN-005									
MAN-006									
MAN-007									
	Short Schools and Classroom Courses								
On-Line	On-Line Wastewater Short School			4.40	1.75	4.40	4.40	1.05	1.50
	Completed On-Line Wastewater Short School			0.00	0.00	0.00	0.00	0.00	0.00

Indigo Course ID	Course Title	Total Course Length with Questions, Hours	Colorado Max TUs	Colorado Water TUs	Colorado Wastewater TUs	Colorado Industrial TUs	Colorado Distribution TUs	Colorado Collection System TUs
On-Line	On-Line Drinking Water Short School		3.80	3.45	2.40	2.50	3.45	1.60
	Completed On-Line Drinking Water Short School		0.00	0.00	0.00	0.00	0.00	0.00

Indigo Course				Indiana Technical	Indiana General
ID	Course Title	Idaho Approvals	Indiana Approval No.	Hrs	Hrs
	Math Modules				
MATH-000	Math Strategies for Success	See NV, WY, or WA	WWT23-3430-T01-G00	1.0	
MATH-001	Unit Conversions	See NV, WY, or WA	WWT23-3431-T0.5-G00	0.5	
MATH-002	Geometry	See NV, WY, or WA	WWT23-3432-T0.5-G00	0.5	
MATH-003	Chemical Dosing	See NV, WY, or WA	WWT23-3433-T0.5-G00	0.5	
MATH-004	Velocity and Hydraulic Detention Time	See NV, WY, or WA	WWT23-3434-T01-G00	1.0	
MATH-005	Geometry and Velocity	See NV, WY, or WA	WWT23-3435-T1.5-G00	1.5	
MATH-006	Using the Two-Normal and Three-Normal Equations	See NV, WY, or WA	WWT23-3436-T0.5-G00	0.5	
MATH-007	Advanced Activated Sludge and Clarifier Math	See NV, WY, or WA	Not yet approved		
MATH-008	Advanced Anaerobic Digester and Solids Math	See NV, WY, or WA	Not yet approved		
MATH-009	Advanced Wastewater Math Grab Bag	See NV, WY, or WA	Not yet approved		
	Universal Topics				
ALL-001	Pumps	See NV, WY, or WA	WWT23-3437-T02-G00	2.0	
ALL-002	Hydraulics Basics	See NV, WY, or WA	WWT23-3438-T1.5-G00	1.5	
ALL-003	Hydraulics of Pumped Systems	See NV, WY, or WA	WWT23-3439-T02-G00	2.0	
ALL-004	Aeration Systems	See NV, WY, or WA	WWT23-3496-T1.5-G00	1.5	
ALL-005	Corrosion Control	See NV, WY, or WA	WWT23-3440-T2.5-G00	2.5	
ALL-006	Maintenance	See NV, WY, or WA	WWT23-3441-T00-G1.5		1.5
ALL-007	AC and DC Motors (Electrical Fundamentals)	See NV, WY, or WA	WWT23-3442-T1.5-G00	1.5	
ALL-008	Representative Sampling	See NV, WY, or WA	WWT23-3443-T02-G00	2.0	
ALL-009	Disinfection Byproducts	See NV, WY, or WA	WWT23-3444-T02-G00	2.0	
ALL-010	Chemical Handling (under construction)				
ALL-011	Backflow Preventers	See NV, WY, or WA	WWT23-3445-T00-G0.5		0.5
SAF-001	Trenching and Shoring	See NV, WY, or WA	WWT23-3452-T00-G2.5		2.5
SAF-002	Confined Space Entry	See NV, WY, or WA	WWT23-3453-T00-G1 .5		1.5
SAF-003	Lockout / Tagout	See NV, WY, or WA	WWT23-3497-T00-G01		1.0
SAF-004	Demolition Saws	See NV, WY, or WA	Not yet approved	0.0	0.0
	Collection Systems Topics				
COL-001	Introduction to Collections Systems	See NV, WY, or WA	WWT23-3446-T1.5-G00	1.5	
COL-002	Collection System Inspection, Testing, and Cleaning - Part 1	See NV, WY, or WA	WWT23-344 7-T2.5-G00	2.5	
COL-003	Collection System Inspection, Testing, and Cleaning - Part 2	See NV, WY, or WA	WWT23-3448-T2.5-G00	2.5	
COL-003		See NV, WY, or WA	WWT23-3449-T02-G00	2.0	
COL-005	Pretreatment and Pollution Prevention	See NV, WY, or WA	WWT23-3449-102-G00 WWT23-3450-T03-G00	3.0	
COL-005	Manholes	See NV, WY, or WA	WWT23-3451-T1.5-G00	1.5	
	Wastewater Treatment Topics	550 HV, W1, 01 WA		1.0	
WWT-001	Introduction to Wastewater: A Plant Overview	See NV, WY, or WA	WWT23-3462-T02-G00	2.0	
		, ,		-	
WWT-002	What's In My Wastewater: Definitions and Typical Ratios	See NV, WY, or WA	WWT23-3463-T1.5-G00	1.5	
WWT-003	Preliminary Treatment	See NV, WY, or WA	WWT23-3498-T01-G00	1.0	
WWT-004	Primary Treatment	See NV, WY, or WA	Not yet approved		
WWT-005	Biological Treatment Basics	See NV, WY, or WA	WWT23-3464-T1.5-G00	1.5	
WWT-006	Fixed Film: Trickling Filters and RBCs	See NV, WY, or WA	WWT23-3465-T1.5-G00	1.5	

Indigo Course ID	Course Title	ldaho Approvals	Indiana Approval No.	Indiana Technical Hrs	Indiana General Hrs
WWT-007	Lagoons and Wetlands	See NV, WY, or WA	WWT23-3466-T2.5-G00	2.5	
WWT-007A	Wastewater Treatment Lagoons	See NV, WY, or WA	Not yet approved		
WWT-007B	Subsurface Flow Wetlands for Wastewater Treatment	See NV, WY, or WA	Not yet approved		
WWT-008	Lagoons and Fixed Film	See NV, WY, or WA	WWT23-3467-T02-G00	2.0	
WWT-009	Activated Sludge Basics	See NV, WY, or WA	WWT23-3468-T03-G00	3.0	
WWT-010	Activated Sludge Basics: A Mechanical Approach	See NV, WY, or WA	WWT23-3469-T2.5-G00	2.5	
WWT-011	Top 10 Questions for Activated Sludge Process Control	See NV, WY, or WA	WWT23-3470-T2.5-G00	2.5	
WWT-012A	Activated Sludge Microbiology: A View Beneath the Surface Activated Sludge Microbiology: Microscope Basics and the	See NV, WY, or WA	WWT23-3471-T01-G00	1.0	
WWT-012B	Micro Exam	See NV, WY, or WA	WWT23-3472-T01-G00	1.0	
WWT-013	Activated Sludge Microbiology: Filaments and Settling Problems	See NV, WY, or WA	WWT23-3473-T01-G00	1.0	
WWT-014	Types of Activated Sludge Systems	See NV, WY, or WA	WWT23-3474-T1.5-G00	1.5	
WWT-015	Sequencing Batch Reactors (under construction)	See INV, WT, OF WA	123-3474-11.3-000	1.5	
WWT-016	Nitrification and Denitrification	See NV, WY, or WA	WWT23-3475-T2.5-G00	2.5	
WWT-017	Biological and Chemical Phosphorus Removal	See NV. WY. or WA	WWT23-3476-T02-G00	2.0	
WWT-018	State Point Analysis for Secondary Clarifiers	See NV, WY, or WA	WWT23-3477-T1. 5-G00	1.5	
	Activated Sludge Process Control Tests and		WW120 0411 11:0 000	1.0	
WWT-019	Troubleshooting	See NV, WY, or WA	WWT23-3478-T2. 5-G00	2.5	
	Membranes for Water and Wastewater Treatment (under				
	construction)	See NV, WY, or WA	Not yet approved		
WWT-020	Chlorine Disinfection	See NV, WY, or WA	WWT23-3479-T02-G00	2.0	
WWT-021	UV Disinfection (under construction)	See NV, WY, or WA	Not yet approved		
WWT-022	Introduction to Solids Handling and 503 Regulations	See NV, WY, or WA	WWT23-3480-T1.5-G00	1.5	
WWT-023	Aerobic and Anaerobic Digestion	See NV, WY, or WA	WWT23-3481-T2.5-G00	2.5	
WWT-024	Belt Filter Presses	See NV, WY, or WA	WWT23-3482-T02-G00	2.0	
WWT-025	Centrifuges	See NV, WY, or WA	WWT23-3483-T02-G00	2.0	
WWT-031	Gravity and Dissolved Air Floatation Thickeners	See NV, WY, or WA	Not yet approved		0.0
WWT-026	Odor Control	See NV, WY, or WA	WWT23-3484-T00-G02	4.5	2.0
WWT-027	Treatment of Metal Wastestreams Completing the Discharge Monitoring Report (under	See NV, WY, or WA	WWT23-3485-T1.5-G00	1.5	
WWT-028	construction)	See NV, WY, or WA	Not yet approved		
WWT-029	How Did CDPHE Determine My Permit Limits?	See NV, WY, or WA	WWT23-3486-T00-G02		2.0
WWT-030	MRT for Wastewater Treatment and Collection Systems	See NV, WY, or WA	WWT23-3487-T00-G2.5		2.5
	Water Treatment & Distribution Topics				
WATER-001	Introduction to Small Water Systems	See NV, WY, or WA	WWT23-3454-T00-G1.5		1.5
WATER-002	Water Sources Part 1	See NV, WY, or WA	WWT23-3455-T00-G1.5		1.5
WATER-003	Water Sources Part 2	See NV, WY, or WA	WWT23-3456-T00-G01		1.0
WATER-004	Drinking Water Treatment Part 1	See NV, WY, or WA	WWT23-3457 -T00-G2.5		2.5
WATER-005	Water Treatment Part 2 (Disinfection, Water Focus)	See NV, WY, or WA	WWT23-3458-T00-G2.5		2.5
WATER-006	Intro to Distribution Systems	See NV, WY, or WA	WWT23-3459-T00-G1.5		1.5
WATER-007	MRT Drinking Water Regulatory Course	See NV, WY, or WA	WWT23-3460-T00-G2.5		2.5
WATER-008	Corrosion Control and Laboratory	See NV, WY, or WA	WWT23-3461-T02-G00	2.0	

Indigo Course ID	Course Title	Idaho Approvals	Indiana Approval No.	Indiana Technical Hrs	Indiana General Hrs
WATER-009	Water Storage Tanks Part 1 - Components	See NV, WY, or WA	Not yet approved		
WATER-010	Water Storage Tanks Part 2 - Water Age and Quality	See NV. WY. or WA	Not yet approved		
WATER-011	Water Storage Tanks Part 3 - Inspections	See NV, WY, or WA	Not yet approved		
WATER-012	Fire Hydrant Operation and Inspection (under construction)	See NV, WY, or WA	Not yet approved		
	Laboratory Procedures				
LAB-001	Basic Chemistry	See NV, WY, or WA	WWT23-3488-T00-G02		2.0
LAB-002	Laboratory - pH, Alkalinity, and Hardness	See NV, WY, or WA	WWT23-3489-T02-G00	2.0	
LAB-003	Laboratory - TDS, Conductivity, and Turbidity		WWT23-3490-T02-G00	2.0	
LAB-004	Laboratory - Total Suspended Solids	See NV, WY, or WA	WWT23-3491-T1 .5-G00	1.5	
LAB-005	Laboratory - Proper Use of Spectrophotometers (QA/QC)	See NV, WY, or WA	WWT23-3492-T1 .5-G00	1.5	
LAB-006	Laboratory - Chlorine Residual by DPD	See NV, WY, or WA	WWT23-3493-T0. 5-G00	0.5	
LAB-007	Laboratory - Spectroscopic Tests: Fluoride, Nitrite, and Nitrate	See NV, WY, or WA	Not yet approved		
LAB-008	Laboratory - Ion-Selective Electrodes (ammonia, nitrate, fluoride)	See NV, WY, or WA	Not yet approved		
LAB-009	Laboratory - Jar Testing	See NV, WY, or WA	WWT23-3494-T01-G00	1.0	
LAB-010	Laboratory Testing - Biochemical Oxygen Demand	See NV, WY, or WA	WWT23-3495-T1.5-G00	1.5	
LAB-011	Laboratory Testing - BOD Calculations Laboratory Testing - Total coliforms by MPN (under	See NV, WY, or WA	Not yet approved		
LAB-012	construction)				
	Industrial Wastewater Treatment				
IND-001					
IND-002					
IND-003					
IND-004					
IND-005					
IND-006 IND-007					
IND-007 IND-008					
IND-009					
IND-010					
	Management				
MAN-001	Developing Standard Operating Procedures	See NV, WY, or WA	Not yet approved	Not yet approved	Not yet approved
MAN-002		, ,			
MAN-003					
MAN-004					
MAN-005					
MAN-006					
MAN-007					
	Short Schools and Classroom Courses				
On-Line	On-Line Wastewater Short School				
	Completed On-Line Wastewater Short School				

Indigo Course ID	Course Title	Idaho Approvals	Indiana Approval No.	Indiana Technical Hrs	Indiana General Hrs
On-Line	On-Line Drinking Water Short School				
		Idaho Approvals	Indiana Approval No.	Hrs	

Indigo Course ID	Course Title	Maryland Course Code	Maryland Audience	Maryland Process?	Maryland Hours
	Math Modules				
MATH-000	Math Strategies for Success	7191-1-11	All Operators	Non-Process	1.0
MATH-001	Unit Conversions	5976-16-11	All Operators	Non-Process	0.5
MATH-002	Geometry	5977-16-11	All Operators & All Superintendents	Non-Process	0.5
MATH-003	Chemical Dosing	5979-16-10	All Operators	Non-Process	0.5
MATH-004	Velocity and Hydraulic Detention Time	7192-1-22	All Operators	Non-Process	1.0
MATH-005	Geometry and Velocity	7193-1-22	All Operators	Non-Process	1.5
MATH-006	Using the Two-Normal and Three-Normal Equations	7194-1-22	All Operators	Non-Process	0.5
MATH-007	Advanced Activated Sludge and Clarifier Math	Not yet approved			
MATH-008	Advanced Anaerobic Digester and Solids Math	Not yet approved			
MATH-009	Advanced Wastewater Math Grab Bag	Not yet approved			
	Universal Topics				
ALL-001	Pumps	5979-16-11	All Operators	Non-Process	1.5
ALL-002	Hydraulics Basics	5961-16-07	All Operators	Non-Process	1.0
ALL-003	Hydraulics of Pumped Systems	5980-16-11	All Operators	Non-Process	2.0
ALL-004	Aeration Systems	7583-9-23	All WW & Ind	Non-Process	1.5
ALL-005	Corrosion Control	5981-16-11	All Operators	Non-Process	1.5
ALL-006	Maintenance	5982-16-11	All Operators	Non-Process	1.5
ALL-007	AC and DC Motors (Electrical Fundamentals)	7188-1-22	All Operators	Non-Process	1.5
ALL-008	Representative Sampling	5983-16-11	All Operators	Non-Process	1.0
ALL-009	Disinfection Byproducts	5984-16-11	All Operators	Process	1.0
ALL-010	Chemical Handling (under construction)				
ALL-011	Backflow Preventers	7584-9-23	All Operators	Non-Process	0.5
SAF-001	Trenching and Shoring	5985-16-11	All Operators & All Superintendents	Non-Process	2.0
SAF-002	Confined Space Entry	5986-16-11	All Operators & All Superintendents	Non-Process	1.0
SAF-003	Lockout / Tagout	9588-9-23	All Operators & All Superintendents	Non-Process	1.0
SAF-004	Demolition Saws	7589-9-23	All Operators	Non-Process	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
COL-002	Collection System Inspection, Testing, and Cleaning - Part 1	5988-16-11	All WW, All IWW, All WWC Operators	Non-Process	1.5
COL-003	Collection System Inspection, Testing, and Cleaning - Part 2	5989-16-11	All WW, All IWW, All WWC Operators	Non-Process	1.5
COL-004	Lift Stations	5990-16-11	All WW, All IWW, All WWC Operators	Non-Process	1.0
COL-005	Pretreatment and Pollution Prevention	5991-16-11	All Operators & All Superintendents	Non-Process	2.0
COL-006	Manholes	5992-16-11	All Operators	Non-Process	1.0
	Wastewater Treatment Topics				
WWT-001	Introduction to Wastewater: A Plant Overview	5993-16-11	All WW and All IWW Operators	Non-Process	1.5
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
WWT-003	Preliminary Treatment	7596-9-23	WW and Ind	Process	1.25
WWT-004	Primary Treatment	Not yet approved			
WWT-005	Biological Treatment Basics	7195-1-22	All WW Operators	Process	1.5
WWT-006	Fixed Film: Trickling Filters and RBCs	5995-16-11	All WW Operators	Process	1.0

Indigo Course ID	Course Title	Maryland Course Code	Maryland Audience	Maryland Process?	Maryland Hours
WWT-007	Lagoons and Wetlands	5996-16-11	WW 3, 4, A; IWW 4 Operators	Process	2.0
WWT-007A	Wastewater Treatment Lagoons	Not yet approved	•		
WWT-007B	Subsurface Flow Wetlands for Wastewater Treatment	Not yet approved			
WWT-008	Lagoons and Fixed Film	5997-16-11	WW 3, 4, A; IWW 4 Operators	Process	1.0
WWT-009	Activated Sludge Basics	5998-16-11	WW 3, 5, A; IWW 5 Operators	Process	2.0
WWT-010	Activated Sludge Basics: A Mechanical Approach	5962-16-07 NP	WW; 3, 5 All IWW; 5	Process	2.0
WWT-011	Top 10 Questions for Activated Sludge Process Control	7196-1-22	All WW / I Operators	Process	2.5
WWT-012A	Activated Sludge Microbiology: A View Beneath the Surface	7597-9-23	WW and Ind	Process	1.0
WWT-012B	Activated Sludge Microbiology: Microscope Basics and the Micro Exam	7598-9-23	WW and Ind	Non-Process	1.0
WWT-013	Activated Sludge Microbiology: Filaments and Settling Problems	7599-9-23	WW and Ind	Non-Process	1.0
WWT-014	Types of Activated Sludge Systems	6001-16-11	WW 3, 5, A Operators	Process	1.0
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
WWT-017	Biological and Chemical Phosphorus Removal	6003-16-11	WW 3, 4, 5, A; IWW 5 Operators	Process	1.5
WWT-018	State Point Analysis for Secondary Clarifiers	6004-16-11	All WW, All IWW Operators	Process	1.0
WWT-019	Activated Sludge Process Control Tests and Troubleshooting Membranes for Water and Wastewater Treatment (under	6005-16-11	All WW, All IWW Operators	Process	2.0
	construction)	Not yet approved			
WWT-020	Chlorine Disinfection	6006-16-11	All Operators	Process	1.0
WWT-021	UV Disinfection (under construction)	Not yet approved	·		
WWT-022	Introduction to Solids Handling and 503 Regulations	Not yet approved			
WWT-023	Aerobic and Anaerobic Digestion	6007-16-11	All WW, All IWW Operators	Process	2.0
WWT-024	Belt Filter Presses	6008-16-11	All WW, All IWW, WT 3, 4 Operators	Process	1.0
WWT-025	Centrifuges	6009-16-11	All WW, All IWW, WT 3, 4 Operators	Process	1.5
WWT-031	Gravity and Dissolved Air Floatation Thickeners	Not yet approved			
WWT-026	Odor Control	6010-16-11	All Operators	Non-Process	1.5
WWT-027	Treatment of Metal Wastestreams Completing the Discharge Monitoring Report (under	6016-16-11	All IWW Operators	Process	1.0
WWT-028	construction)	Not Approved.			
WWT-029	How Did CDPHE Determine My Permit Limits?	Not Approved.			
WWT-030	MRT for Wastewater Treatment and Collection Systems	Not Approved.			
	Water Treatment & Distribution Topics				
WATER-001	Introduction to Small Water Systems	7590-9-23	All W and D	Non-Process	1.5
WATER-002	Water Sources Part 1	7591-9-23	All W and D	Non-Process	1.5
WATER-003	Water Sources Part 2	7592-9-23	All W and D	Non-Process	1.0
WATER-004	Drinking Water Treatment Part 1	7593-9-23	Water 1 - 5	Process	2.5
WATER-005	Water Treatment Part 2 (Disinfection, Water Focus)	7594-9-23	All W and D	Process	3.0
WATER-006	Intro to Distribution Systems	7595-9-23	All W and D	Non-Process	1.75
WATER-007	MRT Drinking Water Regulatory Course	Not Approved.			
WATER-008	Corrosion Control and Laboratory	Not yet approved.			

Indigo Course ID	Course Title	Maryland Course Code	Maryland Audience	Maryland Process?	Maryland Hours
WATER-009	Water Storage Tanks Part 1 - Components	Not yet approved.			
WATER-010	Water Storage Tanks Part 2 - Water Age and Quality	Not yet approved.			
WATER-011	Water Storage Tanks Part 3 - Inspections	Not yet approved.			
WATER-012	Fire Hydrant Operation and Inspection (under construction)	Not yet approved.			
	Laboratory Procedures				
LAB-001	Basic Chemistry	6015-16-11	All Operators	Non-Process	2.0
LAB-002	Laboratory - pH, Alkalinity, and Hardness	7189-1-22	All Operators	Non-Process	2.0
LAB-003	Laboratory - TDS, Conductivity, and Turbidity	7585-9-23	All Operators	Non-Process	2.0
LAB-004	Laboratory - Total Suspended Solids	6012-16-11	All WW, All IWW, All WT Operators	Non-Process	1.0
LAB-005	Laboratory - Proper Use of Spectrophotometers (QA/QC)	6014-16-11	All Operators	Non-Process	1.0
LAB-006	Laboratory - Chlorine Residual by DPD	7190-1-22	All Operators	Non-Process	0.5
LAB-007	Laboratory - Spectroscopic Tests: Fluoride, Nitrite, and Nitrate	Not yet approved			
LAB-008	Laboratory - Ion-Selective Electrodes (ammonia, nitrate, fluoride)	Not yet approved			
LAB-009	Laboratory - Jar Testing	7586-9-23	All W, WW, Ind	Non-Process	1.3
LAB-010	Laboratory Testing - Biochemical Oxygen Demand	7587-9-23	All WW and Ind	Non-Process	2.0
LAB-011	Laboratory Testing - BOD Calculations	Not yet approved			
	Laboratory Testing - Total coliforms by MPN (under				
LAB-012	construction)	6013-16-11	All WW, All IWW, All WT Operators	Non-Process	1.0
	Industrial Wastewater Treatment				
IND-001					
IND-002					
IND-003					
IND-004					
IND-005					
IND-006					
IND-007					
IND-008					
IND-009					
IND-010	Management				
MAN-001	Developing Standard Operating Procedures	Not yet approved	Not yet approved	Not yet approved	Not yet approved
MAN-002	Bereiching Clandard Operating Freedunes	not yot approved	Not yot approved		Not yot approved
MAN-002					
MAN-004					
MAN-005					
MAN-006					
MAN-007					
	Short Schools and Classroom Courses				
On-Line	On-Line Wastewater Short School				
	Completed On-Line Wastewater Short School				

Indigo Course		Maryland Course		Maryland	
ID	Course Title	Code	Maryland Audience	Process?	Maryland Hours
On-Line	On-Line Drinking Water Short School				
	Completed On-Line Drinking Water Short School				

Indigo Course ID	Course Title	Nebraska Municipal Hours	Nebraska Industrial Hours	New Mexico TC	New Mexico Hours
	Math Modules				
MATH-000	Math Strategies for Success	Not yet approved.	Not yet approved.	1.0 TC	1
MATH-001	Unit Conversions	Not yet approved.	Not yet approved.	0.5 TC	0.5
MATH-002	Geometry	Not yet approved.	Not yet approved.	0.5 TC	0.5
MATH-003	Chemical Dosing	Not yet approved.	Not yet approved.	0.5 TC	0.5
MATH-004	Velocity and Hydraulic Detention Time	Not yet approved.	Not yet approved.	1.0 TC	1
MATH-005	Geometry and Velocity	Not yet approved.	Not yet approved.	1.5 TC	1.5
MATH-006	Using the Two-Normal and Three-Normal Equations	Not yet approved.	Not yet approved.	0.5 TC	0.5
MATH-007	Advanced Activated Sludge and Clarifier Math	Not yet approved.	Not yet approved.	2.0 TC	2
MATH-008	Advanced Anaerobic Digester and Solids Math	Not yet approved.	Not yet approved.	2.0 TC	2
MATH-009	Advanced Wastewater Math Grab Bag	Not yet approved.	Not yet approved.	2.0 TC	2
	Universal Topics				
ALL-001	Pumps	Not yet approved.	Not yet approved.	2.0 TC	2
ALL-002	Hydraulics Basics	Not yet approved.	Not yet approved.	1.5 TC	1.5
ALL-003	Hydraulics of Pumped Systems	Not yet approved.	Not yet approved.	2.0 TC	2
ALL-004	Aeration Systems	Not yet approved.	Not yet approved.	1.0 TC	1.0
ALL-005	Corrosion Control	Not yet approved.	Not yet approved.	2.5 TC	2.5
ALL-006	Maintenance	Not yet approved.	Not yet approved.	1.5 TC	1.5
ALL-007	AC and DC Motors (Electrical Fundamentals)	Not yet approved.	Not yet approved.	1.5 TC	1.5
ALL-008	Representative Sampling	Not yet approved.	Not yet approved.	2.0 TC	2
ALL-009	Disinfection Byproducts	Not yet approved.	Not yet approved.	1.5 TC	1.5
ALL-010	Chemical Handling (under construction)	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
ALL-011	Backflow Preventers	Not yet approved.	Not yet approved.	0.5 TC	0.5
SAF-001	Trenching and Shoring	Not yet approved.	Not yet approved.	2.5 TC	2.5
SAF-002	Confined Space Entry	Not yet approved.	Not yet approved.	1.5 TC	1.5
SAF-002	Lockout / Tagout	Not yet approved.	Not yet approved.	1.0 TC	1.0
SAF-003 SAF-004	Demolition Saws	Not yet approved.	Not yet approved.	0.5 TC	0.5
SAI -004	Collection Systems Topics	Not yet approved.	Not yet approved.	0.010	0.0
	· ·				4 5
COL-001	Introduction to Collections Systems	Not yet approved.	Not yet approved.	1.5 TC	1.5
COL-002	Collection System Inspection, Testing, and Cleaning - Part 1	Not yet approved.	Not yet approved.	2.5 TC	2.5
COL-003	Collection System Inspection, Testing, and Cleaning - Part 2	Not yet approved.	Not yet approved.	2.5 TC	2.5
COL-004	Lift Stations	Not yet approved.	Not yet approved.	2.0 TC	2
COL-005	Pretreatment and Pollution Prevention	Not yet approved.	Not yet approved.	3.0 TC	3
COL-006	Manholes	Not yet approved.	Not yet approved.	1.0 TC	1
	Wastewater Treatment Topics				
WWT-001	Introduction to Wastewater: A Plant Overview	Not yet approved.	Not yet approved.	2.0 TC	2
WWT-002	What's In My Wastewater: Definitions and Typical Ratios	Not yet approved.	Not yet approved.	1.5 TC	1.5
WWT-003	Preliminary Treatment	Not yet approved.	Not yet approved.	1.0 TC	1.0
WWT-004	Primary Treatment	Not yet approved.	Not yet approved.	2.0 TC	2.0
WWT-005	Biological Treatment Basics	Not yet approved.	Not yet approved.	1.5 TC	1.5
WWT-006	Fixed Film: Trickling Filters and RBCs	Not yet approved.	Not yet approved.	1.5 TC	1.5

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Indigo Course ID	Course Title	Nebraska Municipal Hours	Nebraska Industrial Hours	New Mexico TC	New Mexico Hours
WWT-007	Lagoons and Wetlands	Not yet approved.	Not yet approved.	2.5 TC	2.5
WWT-007A	Wastewater Treatment Lagoons	Not yet approved.	Not yet approved.	2.0 TC	2
WWT-007B	Subsurface Flow Wetlands for Wastewater Treatment	Not yet approved.	Not yet approved.	1.0 TC	1
WWT-008	Lagoons and Fixed Film	Not yet approved.	Not yet approved.	2.0 TC	2
WWT-009	Activated Sludge Basics	Not yet approved.	Not yet approved.	3.0 TC	3
WWT-010	Activated Sludge Basics: A Mechanical Approach	Not yet approved.	Not yet approved.	2.5 TC	2.5
WWT-011	Top 10 Questions for Activated Sludge Process Control	Not yet approved.	Not yet approved.	2.5 TC	2.5
WWT-012A	Activated Sludge Microbiology: A View Beneath the Surface Activated Sludge Microbiology: Microscope Basics and the	Not yet approved.	Not yet approved.	1.0 TC	1
WWT-012B	Micro Exam	Not yet approved.	Not yet approved.	1.0 TC	1
WWT-013	Activated Sludge Microbiology: Filaments and Settling Problems	Not yet approved.	Not yet approved.	1.0 TC	1
WWT-014	Types of Activated Sludge Systems	Not yet approved.	Not yet approved.	1.5 TC	1.5
WWT-015	Sequencing Batch Reactors (under construction)	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
WWT-016	Nitrification and Denitrification	Not yet approved.	Not yet approved.	3.0 TC	3
WWT-017	Biological and Chemical Phosphorus Removal	Not yet approved.	Not yet approved.	2.0 TC	2
WWT-018	State Point Analysis for Secondary Clarifiers	Not yet approved.	Not yet approved.	1.5 TC	1.5
WWT-019	Activated Sludge Process Control Tests and Troubleshooting Membranes for Water and Wastewater Treatment (under	Not yet approved.	Not yet approved.	2.5 TC	2.5
	construction)	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
WWT-020	Chlorine Disinfection	Not yet approved.	Not yet approved.	2.5 TC	2.5
WWT-021	UV Disinfection (under construction)	Not yet approved.	Not yet approved.		
WWT-022	Introduction to Solids Handling and 503 Regulations	Not yet approved.	Not yet approved.	1.5 TC	1.5
WWT-023	Aerobic and Anaerobic Digestion	Not yet approved.	Not yet approved.	2.0 TC	2
WWT-024	Belt Filter Presses	Not yet approved.	Not yet approved.	2.0 TC	2
WWT-025	Centrifuges	Not yet approved.	Not yet approved.	2.0 TC	2
WWT-031	Gravity and Dissolved Air Floatation Thickeners	Not yet approved.	Not yet approved.	2.0 TC	2
WWT-026	Odor Control	Not yet approved.	Not yet approved.	2.0 TC	2
WWT-027	Treatment of Metal Wastestreams Completing the Discharge Monitoring Report (under	Not yet approved.	Not yet approved.	1.5 TC	1.5
WWT-028	construction)	Not yet approved.	Not yet approved.	Not Approved.	Not Approved.
WWT-029	How Did CDPHE Determine My Permit Limits?	Not yet approved.	Not yet approved.	Not Approved.	Not Approved.
WWT-030	MRT for Wastewater Treatment and Collection Systems	Not yet approved.	Not yet approved.	Not Approved.	Not Approved.
	Water Treatment & Distribution Topics				
WATER-001	Introduction to Small Water Systems	Not yet approved.	Not yet approved.	1.5 TC	1.5
WATER-002	Water Sources Part 1	Not yet approved.	Not yet approved.	1.5 TC	1.5
WATER-003	Water Sources Part 2	Not yet approved.	Not yet approved.	1.0 TC	1
WATER-004	Drinking Water Treatment Part 1	Not yet approved.	Not yet approved.	2.5 TC	2.5
WATER-005	Water Treatment Part 2 (Disinfection, Water Focus)	Not yet approved.	Not yet approved.	2.5 TC	2.5
WATER-006	Intro to Distribution Systems	Not yet approved.	Not yet approved.	1.5 TC	1.5
WATER-007	MRT Drinking Water Regulatory Course	Not yet approved.	Not yet approved.	Not Approved.	Not Approved.
WATER-008	Corrosion Control and Laboratory	Not yet approved.	Not yet approved.	2.0 TC	2

Indigo Course ID	Course Title	Nebraska Municipal Hours	Nebraska Industrial Hours	New Mexico TC	New Mexico Hours
WATER-009	Water Storage Tanks Part 1 - Components	Not yet approved.	Not yet approved.	1.0 TC	1
WATER-010	Water Storage Tanks Part 2 - Water Age and Quality	Not yet approved.	Not yet approved.	1.0 TC	1
WATER-011	Water Storage Tanks Part 3 - Inspections	Not yet approved.	Not yet approved.	1.0 TC	1
WATER-012	Fire Hydrant Operation and Inspection (under construction)	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
	Laboratory Procedures				
LAB-001	Basic Chemistry	Not yet approved.	Not yet approved.	2.5 TC	2.5
LAB-002	Laboratory - pH, Alkalinity, and Hardness	Not yet approved.	Not yet approved.	2.0 TC	2
LAB-003	Laboratory - TDS, Conductivity, and Turbidity	Not yet approved.	Not yet approved.	2.0 TC	2
LAB-004	Laboratory - Total Suspended Solids	Not yet approved.	Not yet approved.	1.5 TC	1.5
LAB-005	Laboratory - Proper Use of Spectrophotometers (QA/QC)	Not yet approved.	Not yet approved.	1.5 TC	1.5
LAB-006	Laboratory - Chlorine Residual by DPD	Not yet approved.	Not yet approved.	0.5 TC	0.5
LAB-000	Laboratory - Spectroscopic Tests: Fluoride, Nitrite, and Nitrate	Not yet approved.	Not yet approved.	1.5 TC	1.5
LAB-008	Laboratory - Ion-Selective Electrodes (ammonia, nitrate, fluoride)	Not yet approved.	Not yet approved.	2.0 TC	2
LAB-009	Laboratory - Jar Testing	Not yet approved.	Not yet approved.	1.0 TC	1
LAB-010	Laboratory Testing - Biochemical Oxygen Demand	Not yet approved.	Not yet approved.	1.5 TC	1.5
LAB-011	Laboratory Testing - BOD Calculations Laboratory Testing - Total coliforms by MPN (under	Not yet approved.	Not yet approved.	0.5 TC	0.5
LAB-012	construction)	Not yet approved.	Not yet approved.	1.5 TC	1.5
	Industrial Wastewater Treatment				
IND-001					
IND-002					
IND-003					
IND-004					
IND-005					
IND-006					
IND-007					
IND-008					
IND-009					
IND-010					
	Management				
MAN-001	Developing Standard Operating Procedures	Not yet approved.	Not yet approved.	Not yet approved	Not yet approved
MAN-002					
MAN-003					
MAN-004					
MAN-005					
MAN-006					
MAN-007					
	Short Schools and Classroom Courses				
On-Line	On-Line Wastewater Short School				
	Completed On-Line Wastewater Short School		l		

Indigo Course ID	Course Title	Nebraska Municipal Hours	Nebraska Industrial Hours	New Mexico TC	New Mexico Hours
On-Line	On-Line Drinking Water Short School				
	Completed On-Line Drinking Water Short School				

Indigo Course ID	Course Title	Nevada Course No.	Nevada CEU Hours	Nevada Wastewater Approval	Nevada Drinking Water Hours
	Math Modules				
MATH-000	Math Strategies for Success	NV22-133	1.0	WW	Not yet approved.
MATH-001	Unit Conversions	NV22-134	0.5	WW	Not yet approved.
MATH-002	Geometry	NV22-135	0.5	WW	Not yet approved.
MATH-003	Chemical Dosing	NV22-136	0.5	WW	Not yet approved.
MATH-004	Velocity and Hydraulic Detention Time	NV22-137	1.0	WW	Not yet approved.
MATH-005	Geometry and Velocity	NV22-138	1.5	WW	Not yet approved.
MATH-006	Using the Two-Normal and Three-Normal Equations	NV22-139	0.5	WW	Not yet approved.
MATH-007	Advanced Activated Sludge and Clarifier Math	NV24-230	2.0	WW	Not yet approved.
MATH-008	Advanced Anaerobic Digester and Solids Math	NV24-725	2.0	WW	Not yet approved.
MATH-009	Advanced Wastewater Math Grab Bag	NV24-231	2.0	WW	Not yet approved.
	Universal Topics				
ALL-001	Pumps	NV22-109	2.0	WW	Not yet approved.
ALL-002	Hvdraulics Basics	NV22-110	1.5	WW	Not yet approved.
ALL-003	Hydraulics of Pumped Systems	NV22-111	2.0	WW	Not yet approved.
ALL-004	Aeration Systems	NV23-516	1.0	WW	Not yet approved.
ALL-005	Corrosion Control	NV22-112	2.5	WW	Not yet approved.
ALL-006	Maintenance	NV22-113	1.5	WW	Not yet approved.
ALL-007	AC and DC Motors (Electrical Fundamentals)	NV22-114	1.5	WW	Not yet approved.
ALL-008	Representative Sampling	NV22-115	1.5	WW	Not yet approved.
ALL-009	Disinfection Byproducts	NV22-116	1.5	WW	Not yet approved.
ALL-010	Chemical Handling (under construction)	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
ALL-011	Backflow Preventers	NV22-117	0.5	WW	Not yet approved.
SAF-001	Trenching and Shoring	NV22-140	2.5	S/S	Not yet approved.
SAF-002	Confined Space Entry	NV22-141	1.5	S/S	Not yet approved.
SAF-003	Lockout / Tagout	NV23-517	1.0	S/S	Not yet approved.
SAF-004	Demolition Saws	NV23-518	0.5	S/S	Not yet approved.
0711 004	Collection Systems Topics	11120 010	0.0	0,0	Not yet approved.
COL-001	Introduction to Collections Systems	NV22-118	1.5	WW	Not yet approved.
COL-002	Collection System Inspection, Testing, and Cleaning - Part 1	NV22-119	2.5	ww	Not yet approved.
COL-003	Collection System Inspection, Testing, and Cleaning - Part 2	NV22-120	2.5	WW	Not yet approved.
COL-004	Lift Stations	NV22-121	1.5	WW	Not yet approved.
COL-005	Pretreatment and Pollution Prevention	NV22-122	3.0	WW	Not yet approved.
COL-006	Manholes	NV22-123	1.0	WW	Not yet approved.
	Wastewater Treatment Topics				, , ,
WWT-001	Introduction to Wastewater: A Plant Overview	NV22-149	2.0	WW	Not yet approved.
WWT-002	What's In My Wastewater: Definitions and Typical Ratios	NV22-150	1.5	WW	Not yet approved.
WWT-003	Preliminary Treatment	NV23-515	1.0	WW	Not yet approved.
WWT-004	Primary Treatment	NV24-050	2.0	WW	Not yet approved.
WWT-005	Biological Treatment Basics	NV22-151	1.5	WW	Not yet approved.
WWT-006	Fixed Film: Trickling Filters and RBCs	NV22-152	1.5	WW	Not yet approved.

Indigo Course ID	Course Title	Nevada Course No.	Nevada CEU Hours	Nevada Wastewater Approval	Nevada Drinking Water Hours
WWT-007	Lagoons and Wetlands	NV22-174	2.5	WW	Not yet approved.
WWT-007A	Wastewater Treatment Lagoons	NV24-724	2.0	WW	Not yet approved.
WWT-007B	Subsurface Flow Wetlands for Wastewater Treatment	NV24-720	1.0	WW	Not yet approved.
WWT-008	Lagoons and Fixed Film	NV22-153	2.0	WW	Not yet approved.
WWT-009	Activated Sludge Basics	NV22-154	3.0	WW	Not yet approved.
WWT-010	Activated Sludge Basics: A Mechanical Approach	NV22-155	2.5	WW	Not yet approved.
WWT-011	Top 10 Questions for Activated Sludge Process Control	NV22-156	2.5	WW	Not yet approved.
WWT-012A	Activated Sludge Microbiology: A View Beneath the Surface Activated Sludge Microbiology: Microscope Basics and the	NV22-157	1.0	WW	Not yet approved.
WWT-012B	Micro Exam	NV22-158	1.0	WW	Not yet approved.
WWT-013	Activated Sludge Microbiology: Filaments and Settling Problems	NV22-159	1.0	WW	Not yet approved.
WWT-014	Types of Activated Sludge Systems	NV22-160	1.5	WW	Not yet approved.
WWT-015	Sequencing Batch Reactors (under construction)				Not yet approved.
WWT-016	Nitrification and Denitrification	NV22-173	3.0	WW	Not yet approved.
WWT-017	Biological and Chemical Phosphorus Removal	NV22-161	2.0	WW	Not yet approved.
WWT-018	State Point Analysis for Secondary Clarifiers	NV22-162	1.5	WW	Not yet approved.
WWT-019	Activated Sludge Process Control Tests and Troubleshooting	NV22-163	2.5	ww	Not yet approved.
	Membranes for Water and Wastewater Treatment (under construction)	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
WWT-020	Chlorine Disinfection	NV22-164	2.5	WW	Not yet approved.
WWT-021	UV Disinfection (under construction)				Not yet approved.
WWT-022	Introduction to Solids Handling and 503 Regulations	NV22-165	1.5	WW	Not yet approved.
WWT-023	Aerobic and Anaerobic Digestion	NV22-166	2.5	WW	Not yet approved.
WWT-024	Belt Filter Presses	NV22-167	2.0	WW	Not yet approved.
WWT-025	Centrifuges	NV22-168	2.0	WW	Not yet approved.
WWT-031 WWT-026	Gravity and Dissolved Air Floatation Thickeners Odor Control	NV24-723 NV22-169	2.0 2.0	WW WW	Not yet approved.
WWT-026	Treatment of Metal Wastestreams	NV22-169 NV22-170	1.5	WW	Not yet approved.
	Completing the Discharge Monitoring Report (under	NV22-170	1.5	VVV	Not yet approved.
WWT-028	construction)				Not yet approved.
WWT-029	How Did CDPHE Determine My Permit Limits?	NV22-171	2.0	WW	Not yet 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	NV22-142	0.0		Not yet approved.
WATER-002	Water Sources Part 1	NV22-143	0.0		Not yet approved.
WATER-003	Water Sources Part 2	NV22-144	0.0		Not yet approved.
WATER-004	Drinking Water Treatment Part 1	NV22-145	0.0		Not yet approved.
WATER-005	Water Treatment Part 2 (Disinfection, Water Focus)	NV22-146	0.0		Not yet approved.
WATER-006	Intro to Distribution Systems	NV22-147	0.0		Not yet approved.
WATER-007	MRT Drinking Water Regulatory Course	Not Approved	Not Approved	Not Approved	Not yet approved.
WATER-008	Corrosion Control and Laboratory	NV22-148	0.0	WW	Not yet approved.

Indigo Course ID	Course Title	Nevada Course No.	Nevada CEU Hours	Nevada Wastewater Approval	Nevada Drinking Water Hours
WATER-009	Water Storage Tanks Part 1 - Components	NV24-722	1.0	WW	Not yet approved.
WATER-010	Water Storage Tanks Part 2 - Water Age and Quality	NV24-726	1.0	WW	Not yet approved.
WATER-011	Water Storage Tanks Part 3 - Inspections	NV24-719	1.0	WW	Not yet approved.
WATER-012	Fire Hydrant Operation and Inspection (under construction)	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
	Laboratory Procedures				
LAB-001	Basic Chemistry	NV22-124	2.5	WW	Not yet approved.
LAB-002	Laboratory - pH, Alkalinity, and Hardness	NV22-125	2.0	WW	Not yet approved.
LAB-003	Laboratory - TDS, Conductivity, and Turbidity	NV22-126	2.0	WW	Not yet approved.
LAB-004	Laboratory - Total Suspended Solids	NV22-127	1.5	WW	Not yet approved.
LAB-005	Laboratory - Proper Use of Spectrophotometers (QA/QC)	NV22-128	1.5	ww	Not yet approved.
LAB-006	Laboratory - Chlorine Residual by DPD	NV22-129	0.5	WW	Not yet approved.
LAB-007	Laboratory - Spectroscopic Tests: Fluoride, Nitrite, and Nitrate	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
LAB-008	Laboratory - Ion-Selective Electrodes (ammonia, nitrate, fluoride)	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
LAB-009	Laboratory - Jar Testing	NV22-130	1.0	WW	Not yet approved.
LAB-010	Laboratory Testing - Biochemical Oxygen Demand	NV22-131	1.5	WW	Not yet approved.
LAB-011	Laboratory Testing - BOD Calculations Laboratory Testing - Total coliforms by MPN (under	NV24-721	0.5	WW	Not yet approved.
LAB-012	construction)	NV22-132	1.5	WW	Not yet approved.
	Industrial Wastewater Treatment				
IND-001					
IND-002					
IND-003					
IND-004					
IND-005					
IND-006 IND-007					
IND-007					
IND-009					
IND-010					
	Management				
MAN-001	Developing Standard Operating Procedures	Not yet approved	Not yet approved	Not yet approved	Not yet approved
MAN-002		. tot yot approved	. tot yot approvou	. lot yot approvou	. tot yot approved
MAN-003					
MAN-004					
MAN-005					
MAN-006					
MAN-007					
	Short Schools and Classroom Courses				
On-Line	On-Line Wastewater Short School				
	Completed On-Line Wastewater Short School				

Indigo Course ID	Course Title	Nevada Course No.	Nevada CEU Hours	Nevada Wastewater Approval	Nevada Drinking Water Hours
On-Line	On-Line Drinking Water Short School				
	Completed On-Line Drinking Water Short School				

Indigo Course ID	Course Title Math Modules	Ohio Approval Number (Post Jan 2024)	Ohio Contact Hours (2024)	Ohio Audience
MATH-000		IWG-B0100-OM	1.0	Both DW and WW
MATH-000 MATH-001	Math Strategies for Success Unit Conversions	IWG-B0100-OM	<u>1.0</u> 0.5	Both DW and WW
MATH-001 MATH-002	Geometry	IWG-B0101-OM	0.5	Both DW and WW
MATH-002 MATH-003	Chemical Dosing	IWG-B0102-OM	0.5	Both DW and WW
MATH-003 MATH-004	Velocity and Hydraulic Detention Time	IWG-B0103-OM	1.0	Both DW and WW
MATH-005	Geometry and Velocity	IWG-B0105-OM	1.5	Both DW and WW
MATH-006	Using the Two-Normal and Three-Normal Equations	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	IWG-B1101-OM	2.0	Both DW and WW
ALL-002	Hydraulics Basics	IWG-B1102-OM	1.5	Both DW and WW
ALL-003	Hydraulics of Pumped Systems	IWG-B1103-OM	2.0	Both DW and WW
ALL-004	Aeration Systems	IWG-S1104-OM	1.5	WW Only
ALL-005	Corrosion Control	IWG-B1105-OM	2.5	Both DW and WW
ALL-006	Maintenance	IWG-B1106-OM	1.5	Both DW and WW
ALL-007	AC and DC Motors (Electrical Fundamentals)	IWG-B1107-OM	1.5	Both DW and WW
ALL-008	Representative Sampling	IWG-S1108-OM	1.5	WW Only
ALL-009	Disinfection Byproducts	IWG-B1109-OM	1.5	Both DW and WW
ALL-010	Chemical Handling (under construction)	IWG-B1110-OM		Both DW and WW
ALL-011	Backflow Preventers	IWG-B1111-OM	0.5	Both DW and WW
SAF-001	Trenching and Shoring	IWG-B2101-X	2.5	Both DW and WW
SAF-002	Confined Space Entry	IWG-B2102-X	1.5	Both DW and WW
SAF-003	Lockout / Tagout	IWG-B2103-X	1.0	Both DW and WW
SAF-004	Demolition Saws	IWG-B2104-X	0.5	Both DW and WW
	Collection Systems Topics			
COL-001	Introduction to Collections Systems	IWG-S3101-OM	1.5	WW Only
COL-002	Collection System Inspection, Testing, and Cleaning - Part 1	IWG-S3102-OM	2.5	WW Only
COL-003	Collection System Inspection, Testing, and Cleaning - Part 2	IWG-S3103-OM	2.5	WW Only
COL-004	Lift Stations	IWG-S3104-OM	2.0	WW Only
COL-005	Pretreatment and Pollution Prevention	IWG-S3105-OM	3.0	WW Only
COL-006	Manholes	IWG-S3106-OM	1.0	WW Only
	Wastewater Treatment Topics			
WWT-001	Introduction to Wastewater: A Plant Overview	IWG-S4101-OM	2.0	WW Only
WWT-002	What's In My Wastewater: Definitions and Typical Ratios	IWG-S4102-OM	1.5	WW Only
WWT-003	Preliminary Treatment	IWG-S4103-OM	1.0	WW Only
WWT-003	Primary Treatment	IWG-S4103-OM	2.0	WW Only
WWT-004	Biological Treatment Basics	IWG-S4104-OM	1.5	WW Only
WWT-005	Fixed Film: Trickling Filters and RBCs	IWG-S4105-OM	2.0	WW Only

Indigo Course ID	Course Title	Ohio Approval Number (Post Jan 2024)	Ohio Contact Hours (2024)	Ohio Audience
WWT-007	Lagoons and Wetlands	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	IWG-S4110-OM	2.0	WW Only
WWT-009	Activated Sludge Basics	IWG-S4111-OM	3.0	WW Only
WWT-010	Activated Sludge Basics: A Mechanical Approach	IWG-S4112-OM	2.0	WW Only
WWT-011	Top 10 Questions for Activated Sludge Process Control	IWG-S4113-OM	2.5	WW Only
WWT-012A	Activated Sludge Microbiology: A View Beneath the Surface Activated Sludge Microbiology: Microscope Basics and the	IWG-S4114-OM	1.0	WW Only
WWT-012B	Micro Exam	IWG-S4115-OM	1.0	WW Only
	Activated Sludge Microbiology: Filaments and Settling		1.0	
WWT-013	Problems Types of Activated Sludge Systems	IWG-S4116-OM	1.0	WW Only
WWT-014		IWG-S4117-OM	1.5	WW Only
WWT-015	Sequencing Batch Reactors (under construction)	IWG-S4118-OM	1.5	WW Only
WWT-016	Nitrification and Denitrification	IWG-S4119-OM	3.0	WW Only
WWT-017	Biological and Chemical Phosphorus Removal	IWG-S4120-OM	2.0	WW Only
WWT-018	State Point Analysis for Secondary Clarifiers	IWG-S4121-OM	1.5	WW Only
WWT-019	Activated Sludge Process Control Tests and Troubleshooting Membranes for Water and Wastewater Treatment (under	IWG-S4122-OM	2.5	WW Only
	construction)	IWG-S4123-OM	1.0	Both DW and WW
WWT-020	Chlorine Disinfection	IWG-B4124-OM	2.5	Both DW and WW
WWT-021	UV Disinfection (under construction)	IWG-B4125-OM	1.5	Both DW and WW
WWT-022	Introduction to Solids Handling and 503 Regulations	IWG-S4126-OM	1.5	Both DW and WW
WWT-023	Aerobic and Anaerobic Digestion	IWG-S4127-OM	3.0	WW Only
WWT-024	Belt Filter Presses	IWG-B4128-OM	2.0	Both DW and WW
WWT-025	Centrifuges	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	IWG-S4132-OM	2.0	WW Only
WWT-027	Treatment of Metal Wastestreams	IWG-S4133-OM	1.5	WW Only
WWT-028	Completing the Discharge Monitoring Report (under		1.0	
WWT-029	construction) How Did CDPHE Determine My Permit Limits?	IWG-S4134-OM IWG-S4135-OM	<u>1.0</u> 2.0	WW Only WW Only
WWT-030	MRT for Wastewater Treatment and Collection Systems	IWG-S4135-OM	2.0	WW Only WW Only
VV VV I-030	Water Treatment & Distribution Topics	IWG-34130-0W	2.3	VVVV Only
WATER-001	Introduction to Small Water Systems	IWG-D5101-OM	1.0	DW Only
WATER-002	Water Sources Part 1	IWG-D5102-OM	1.5	DW Only
WATER-003	Water Sources Part 2	IWG-D5103-OM	1.0	DW Only
WATER-004	Drinking Water Treatment Part 1	IWG-D5104-OM	2.5	DW Only
WATER-005	Water Treatment Part 2 (Disinfection, Water Focus)	IWG-D5105-OM	2.5	DW Only
WATER-006	Intro to Distribution Systems	IWG-D5106-OM	2.0	DW Only
WATER-007	MRT Drinking Water Regulatory Course	IWG-D5107-OM	3.0	DW Only
WATER-008	Corrosion Control and Laboratory	IWG-D5108-OM	2.0	DW Only

Indigo Course ID	Course Title	Ohio Approval Number (Post Jan 2024)	Ohio Contact Hours (2024)	Ohio Audience	
WATER-009	Water Storage Tanks Part 1 - Components	IWG-D5110-OM	1.0	DW Only	
WATER-010	Water Storage Tanks Part 2 - Water Age and Quality	IWG-D5111-OM	1.0	DW Only	
WATER-011	Water Storage Tanks Part 3 - Inspections	IWG-D5112-OM	1.0	DW Only	
WATER-012	Fire Hydrant Operation and Inspection (under construction)	IWG-D5109-OM	2.0	DW Only	
	Laboratory Procedures				
LAB-001	Basic Chemistry	IWG-B6101-OM	2.5	Both DW and WW	
LAB-002	Laboratory - pH, Alkalinity, and Hardness	IWG-B6102-OM	2.0	Both DW and WW	
LAB-003	Laboratory - TDS, Conductivity, and Turbidity	IWG-B6103-OM	2.0	Both DW and WW	
LAB-004	Laboratory - Total Suspended Solids	IWG-S6104-OM	1.0	WW Only	
LAB-005	Laboratory - Proper Use of Spectrophotometers (QA/QC)	IWG-B6105-OM	1.5	Both DW and WW	
LAB-006	Laboratory - Chlorine Residual by DPD	IWG-B6106-OM	0.5	Both DW and WW	
LAB-007	Laboratory - Spectroscopic Tests: Fluoride, Nitrite, and Nitrate	IWG-B6007-OM	1.5	Both DW and WW	
LAB-008	Laboratory - Ion-Selective Electrodes (ammonia, nitrate, fluoride)	IWG-B6108-OM	2.0	Both DW and WW	
LAB-009	Laboratory - Jar Testing	IWG-B6109-OM	1.0	Both DW and WW	
LAB-010	Laboratory Testing - Biochemical Oxygen Demand	IWG-S6110-OM	2.0	WW Only	
LAB-011	Laboratory Testing - BOD Calculations Laboratory Testing - Total coliforms by MPN (under	IWG-S6112-OM	0.5	WW Only	
LAB-012	construction)	IWG-B6111-OM	1.5	Both DW and WW	
	Industrial Wastewater Treatment				
IND-001					
IND-002					
IND-003					
IND-004					
IND-005					
IND-006					
IND-007					
IND-008					
IND-009					
IND-010	Management				
MAN-001	Developing Standard Operating Procedures	IWG-B7101-X	1.0	Both DW and WW	
MAN-002					
MAN-003					
MAN-004					
MAN-005					
MAN-006					
MAN-007					
	Short Schools and Classroom Courses				
On-Line	On-Line Wastewater Short School				
	Completed On-Line Wastewater Short School				

Indigo Course ID	Course Title	Ohio Approval Number (Post Jan 2024)	Ohio Contact Hours (2024)	Ohio Audience
U	course ritte	(F 03t Jan 2024)	110013 (2024)	Onio Addience
On-Line	On-Line Drinking Water Short School			
	Completed On-Line Drinking Water Short School			

Indigo Course ID	Course Title Math Modules	Tennessee Activity Number	Tennessee Wastewater Hours	Tennessee Water Hours	Tennessee Distribution Hours	Tennessee Collection Systems Hours
MATH-000		R23123	1	1	1	1
MATH-000 MATH-001	Math Strategies for Success Unit Conversions	Not Approved.	0	0	0	1
MATH-001 MATH-002	Geometry	Not Approved.	0	0	0	0
MATH-002 MATH-003	Chemical Dosing	Not Approved.	0	0	0	0
MATH-003 MATH-004	Velocity and Hydraulic Detention Time	R23124	1	1	1	1
MATH-004 MATH-005	Geometry and Velocity	R23124 R23125	1.5	1.5	1.5	1.5
MATH-005 MATH-006	Using the Two-Normal and Three-Normal Equations	Not Approved.	0	0	0	0
MATH-000 MATH-007	Advanced Activated Sludge and Clarifier Math	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not vet approved.
MATH-007 MATH-008	Advanced Anaerobic Digester and Solids Math	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
MATH-008 MATH-009	Advanced Wastewater Math Grab Bag	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
WATT-009	Universal Topics	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
ALL-001	•	D00400	0	0	0	0
ALL-001 ALL-002	Pumps Hydraulics Basics	R23126 R23127	2	2	2	2
ALL-002 ALL-003	Hydraulics basics Hydraulics of Pumped Systems	R23127 R23128	2	2	2	2
ALL-003	Aeration Systems	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
ALL-004 ALL-005	Corrosion Control	R23129	Not yet approved.	2.5	2.5	2.5
ALL-005	Maintenance	R23129	1.5	1.5	1.5	1.5
ALL-007	AC and DC Motors (Electrical Fundamentals)	R23130	1.5	1.5	1.5	1.5
ALL-008	Representative Sampling	R23133	1.5	0	0	0
ALL-009	Disinfection Byproducts	R23132	1.5	1.5	1.5	0
ALL-010	Chemical Handling (under construction)	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
ALL-011	Backflow Preventers	Not Approved.	0	0	0	0
SAF-001	Trenching and Shoring	R23135	2.5	2.5	2.5	2.5
SAF-002	Confined Space Entry	R23134	1.5	1.5	1.5	1.5
SAF-003	Lockout / Tagout	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
SAF-004	Demolition Saws	Not Approved.	0	0	0	0
	Collection Systems Topics					
COL-001	Introduction to Collections Systems	R23136	0	0	0	1.5
COL-002	Collection System Inspection, Testing, and Cleaning - Part 1	R23138	0	0	0	2.5
COL-003	Collection System Inspection, Testing, and Cleaning - Part 2	R23139	0	0	0	2.5
COL-003	Lift Stations	R23139	0	0	0	2.5
COL-005	Pretreatment and Pollution Prevention	R23140	3	0	0	3
COL-006	Manholes	R23141	0	0	0	1
002 000	Wastewater Treatment Topics	1420111	•		Ű	
WWT-001	Introduction to Wastewater: A Plant Overview	R23142	2	0	0	0
WWT-002	What's In My Wastewater: Definitions and Typical Ratios	R23143	1.5	0	0	1.5
WWT-003	Preliminary Treatment	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
WWT-004	Primary Treatment	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
WWT-005	Biological Treatment Basics	R23144	1.5	0	0	0
WWT-006	Fixed Film: Trickling Filters and RBCs	R23145	1.5	0	0	0

Indigo Course ID	Course Title	Tennessee Activity Number	Tennessee Wastewater Hours	Tennessee Water Hours	Tennessee Distribution Hours	Tennessee Collection Systems Hours
WWT-007	Lagoons and Wetlands	R23146	2.5	0	0	0
WWT-007A	Wastewater Treatment Lagoons	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
WWT-007B	Subsurface Flow Wetlands for Wastewater Treatment	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
WWT-008	Lagoons and Fixed Film	R23147	2	0	0	0
WWT-009	Activated Sludge Basics	R23148	3	0	0	0
WWT-010	Activated Sludge Basics: A Mechanical Approach	R23149	2.5	0	0	0
WWT-011	Top 10 Questions for Activated Sludge Process Control	R23150	2.5	0	0	0
WWT-012A	Activated Sludge Microbiology: A View Beneath the Surface Activated Sludge Microbiology: Microscope Basics and the	R23151	1	0	0	0
WWT-012B	Micro Exam	R23152	1	0	0	0
WWT-013	Activated Sludge Microbiology: Filaments and Settling Problems	R23153	1	0	0	0
WWT-014	Types of Activated Sludge Systems	R23154	1.5	0	0	0
WWT-015	Sequencing Batch Reactors (under construction)	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
WWT-016	Nitrification and Denitrification	R23155	2.5	0	0	0
WWT-017	Biological and Chemical Phosphorus Removal	R23156	2	0	0	0
WWT-018	State Point Analysis for Secondary Clarifiers	R23157	1.5	0	0	0
WWT-019	Activated Sludge Process Control Tests and Troubleshooting Membranes for Water and Wastewater Treatment (under	R23158	2.5	0	0	0
	construction)	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
WWT-020	Chlorine Disinfection	R23159	2.5	0	0	0
WWT-021	UV Disinfection (under construction)	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
WWT-022	Introduction to Solids Handling and 503 Regulations	R23160	1.5	0	0	0
WWT-023	Aerobic and Anaerobic Digestion	R23161	3	0	0	0
WWT-024	Belt Filter Presses	R23162	2	0	0	0
WWT-025 WWT-031	Centrifuges	R23163	2	0	0	0
WWT-026	Gravity and Dissolved Air Floatation Thickeners Odor Control	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
WWT-026	Treatment of Metal Wastestreams	R23165 R23164	2 1.5	0	0	0
VVVV1-027	Completing the Discharge Monitoring Report (under	RZ3104	1.0	0	0	0
WWT-028	construction)	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
WWT-029	How Did CDPHE Determine My Permit Limits?	R23166	2	0	0	
WWT-030	MRT for Wastewater Treatment and Collection Systems	R23167	2.5	0	0	2.5
	Water Treatment & Distribution Topics	1120101	2.0	· · · ·		2.0
WATER-001	Introduction to Small Water Systems	R23168	0	1.5	1.5	0
WATER-002	Water Sources Part 1	R23169	0	1.5	1.5	0
WATER-002 WATER-003	Water Sources Part 2	R23109 R23170	0	1.5	1.5	0
WATER-003	Drinking Water Treatment Part 1	R23170	0	2.5	0	0
WATER-004 WATER-005	Water Treatment Part 2 (Disinfection, Water Focus)	R23171	0	2.5	2.5	0
WATER-006	Intro to Distribution Systems	R23172	0	0	1.5	0
WATER-000	MRT Drinking Water Regulatory Course	R23173	0	2.5	2.5	0
WATER-008	Corrosion Control and Laboratory	R23174	2	2.5	2.5	2

Indigo Course ID	Course Title	Tennessee Activity Number	Tennessee Wastewater Hours	Tennessee Water Hours	Tennessee Distribution Hours	Tennessee Collection Systems Hours
WATER-009	Water Storage Tanks Part 1 - Components	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
WATER-010	Water Storage Tanks Part 2 - Water Age and Quality	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
WATER-011	Water Storage Tanks Part 3 - Inspections	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
WATER-012	Fire Hydrant Operation and Inspection (under construction)	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
	Laboratory Procedures					
LAB-001	Basic Chemistry	R23176	2.5	2.5	2.5	2.5
LAB-002	Laboratory - pH, Alkalinity, and Hardness	R23177	2	2	2	0
LAB-003	Laboratory - TDS, Conductivity, and Turbidity	R23178	2	2	2	2
LAB-004	Laboratory - Total Suspended Solids	R23179	1.5	0	0	0
LAB-005	Laboratory - Proper Use of Spectrophotometers (QA/QC)	R23180	1.5	1.5	1.5	0
LAB-006	Laboratory - Chlorine Residual by DPD	Not Approved.	0	0	0	0
LAB-007	Laboratory - Spectroscopic Tests: Fluoride, Nitrite, and Nitrate	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
LAB-008	Laboratory - Ion-Selective Electrodes (ammonia, nitrate, fluoride)	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
LAB-009	Laboratory - Jar Testing	R23181	1	1	0	0
LAB-010	Laboratory Testing - Biochemical Oxygen Demand	R23182	1.5	0	0	0
LAB-011	Laboratory Testing - BOD Calculations Laboratory Testing - Total coliforms by MPN (under	Not Approved.	0	0	0	0
LAB-012	construction)	R23183	1.5	1.5	0	0
	Industrial Wastewater Treatment					
IND-001						
IND-002						
IND-003						
IND-004						
IND-005						
IND-006						
IND-007						
IND-008						
IND-009						
IND-010	Management					
MAN-001	Developing Standard Operating Procedures	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
MAN-001 MAN-002	Developing Standard Operating Frocedures	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
MAN-002 MAN-003						
MAN-003						
MAN-004						
MAN-005						
MAN-000 MAN-007						
	Short Schools and Classroom Courses					
On-Line	On-Line Wastewater Short School					
	Completed On-Line Wastewater Short School					

Indigo (ID		Course Title	Tennessee Activity Number	Tennessee Wastewater Hours	Tennessee Water Hours	Tennessee Distribution Hours	Tennessee Collection Systems Hours
On-Line	:	On-Line Drinking Water Short School					
		Completed On-Line Drinking Water Short School					

Indigo Course ID	Course Title	Washington State CEUs	Washington Approval No.	Wisconsin Approval No.	Wisconsin Municipal Waterworks	Wisconsin Wastewater
	Math Modules	Washington rour	nds to nearest hr.			
MATH-000	Math Strategies for Success	0.1	ECY22-3139	Not yet approved.	Not yet approved.	Not yet approved.
MATH-001	Unit Conversions	0.0	Not Approved	bhgd-1wpg	0.5	0.5
MATH-002	Geometry	0.0	Not Approved	a7ij-muvr	0.5	0.5
MATH-003	Chemical Dosing	0.0	Not Approved	3ttg-jlqy	0.5	0.5
MATH-004	Velocity and Hydraulic Detention Time	0.1	ECY22-3140	Not yet approved.	Not yet approved.	Not yet approved.
MATH-005	Geometry and Velocity	0.1	ECY22-3141	Not yet approved.	Not yet approved.	Not yet approved.
MATH-006	Using the Two-Normal and Three-Normal Equations	0.0	Not Approved	Not yet approved.	Not yet approved.	Not yet approved.
MATH-007	Advanced Activated Sludge and Clarifier Math	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
MATH-008	Advanced Anaerobic Digester and Solids Math	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
MATH-009	Advanced Wastewater Math Grab Bag	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
	Universal Topics					
ALL-001	Pumps	0.2	ECY22-3142	2jvn-4jvw	1.5	1.5
ALL-002	Hydraulics Basics	0.1	ECY22-3101	7nmw-sr73	1.0	1.0
ALL-003	Hydraulics of Pumped Systems	0.2	ECY22-3102	a7ij-muuq	2.0	2.0
ALL-004	Aeration Systems	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
ALL-005	Corrosion Control	0.2	ECY22-3103	a7ij-muut	2.0	2.0
ALL-006	Maintenance	0.1	ECY22-3104	a7ij-muuw	1.5	1.5
ALL-007	AC and DC Motors (Electrical Fundamentals)	0.1	ECY22-3143	Not Approved.	0.0	0.0
ALL-008	Representative Sampling	0.2	ECY22-3105	a7ij-muuz	0.0	1.5
ALL-009	Disinfection Byproducts	0.2	ECY22-3106	7nmw-sr7h	1.5	0.0
ALL-010	Chemical Handling (under construction)	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
ALL-011	Backflow Preventers	0.0	Not Approved.	Not yet approved.	Not yet approved.	Not yet approved.
SAF-001	Trenching and Shoring	0.2	ECY22-3107	a7ij-muvx	2.0 Safety	2.0 Safety
SAF-002	Confined Space Entry	0.1	ECY22-3108	19xt-pi3k	1.5 Safety	1.5 Safety
SAF-003	Lockout / Tagout	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
SAF-004	Demolition Saws	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
	Collection Systems Topics					
COL-001	Introduction to Collections Systems	0.1	ECY22-3109	6dp3-dpdr	0.0	1.0
COL-002	Collection System Inspection, Testing, and Cleaning - Part 1	0.2	ECY22-3110	6dp3-dpdt	0.0	2.0
COL-003	Collection System Inspection, Testing, and Cleaning - Part 2	0.2	ECY22-3111	a7ij-muv7	0.0	2.0
COL-003		0.1	ECY22-3112	53r9-vnk5	0.0	1.0
COL-005	Pretreatment and Pollution Prevention	0.3	ECY22-3113	7nmw-sr7r	0.0	2.5
COL-006	Manholes	0.0	Not Approved.	6dp3-dpe1	0.0	1.5
	Wastewater Treatment Topics					
WWT-001	Introduction to Wastewater: A Plant Overview	0.2	ECY22-3114	19xt-pi3n	0.0	1.5
WWT-002	What's In My Wastewater: Definitions and Typical Ratios	0.1	ECY22-3115	a7ij-muw5	0.0	1.5
WWT-003	Preliminary Treatment	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
WWT-004	Primary Treatment	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
WWT-005	Biological Treatment Basics	0.1	ECY22-3144	Not yet approved.	Not yet approved.	Not yet approved.
WWT-006	Fixed Film: Trickling Filters and RBCs	0.1	ECY22-3116	bhgd-1wpz	0.0	1.5

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Indigo Course ID	Course Title	Washington State CEUs	Washington Approval No.	Wisconsin Approval No.	Wisconsin Municipal Waterworks	Wisconsin Wastewater
WWT-007	Lagoons and Wetlands	0.2	ECY22-3117	8xkq-7t2h	0.0	2.0
WWT-007A	Wastewater Treatment Lagoons	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
WWT-007B	Subsurface Flow Wetlands for Wastewater Treatment	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
WWT-008	Lagoons and Fixed Film	0.2	ECY22-3118	6dp3-dpez	0.0	1.5
WWT-009	Activated Sludge Basics	0.3	ECY22-3119	7nmw-sr91	0.0	2.5
WWT-010	Activated Sludge Basics: A Mechanical Approach	0.2	ECY22-3120	a7ij-muwn	0.0	2.0
WWT-011	Top 10 Questions for Activated Sludge Process Control	0.2	ECY22-3145	Not yet approved.	Not yet approved.	Not yet approved.
WWT-012A	Activated Sludge Microbiology: A View Beneath the Surface Activated Sludge Microbiology: Microscope Basics and the	0.1	ECY22-3147	Not yet approved.	Not yet approved.	Not yet approved.
WWT-012B	Micro Exam	0.1	ECY22-3148	Not yet approved.	Not yet approved.	Not yet approved.
VVV1-012D	Activated Sludge Microbiology: Filaments and Settling	0.1	20122-0140	Not yet approved.	Not yet approved.	Not yet approved.
WWT-013	Problems	0.1	ECY22-3122	Not yet approved.	Not yet approved.	Not yet approved.
WWT-014	Types of Activated Sludge Systems	0.1	ECY22-3123	6dp3-dpfx	0.0	1.5
WWT-015	Sequencing Batch Reactors (under construction)	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
WWT-016	Nitrification and Denitrification	0.2	ECY22-3124	2jvn-4jz3	0.0	2.0
WWT-017	Biological and Chemical Phosphorus Removal	0.2	ECY22-3125	bhgd-1wr3	0.0	1.5
WWT-018	State Point Analysis for Secondary Clarifiers	0.1	ECY22-3126	7nmw-srad	0.0	1.5
WWT-019	Activated Sludge Process Control Tests and Troubleshooting Membranes for Water and Wastewater Treatment (under	0.2	ECY22-3127	Not yet approved.	Not yet approved.	Not yet approved.
	construction)	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
WWT-020	Chlorine Disinfection	0.2	ECY22-3146	Not yet approved.	Not yet approved.	Not yet approved.
WWT-021	UV Disinfection (under construction)	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
WWT-022	Introduction to Solids Handling and 503 Regulations	0.1	ECY22-3128	Not yet approved.	Not yet approved.	Not yet approved.
WWT-023	Aerobic and Anaerobic Digestion	0.2	ECY22-3129	2jvn-4jzb	0.0	2.0
WWT-024	Belt Filter Presses	0.2	ECY22-3130	8xkq-7t49	0.0	1.5
WWT-025	Centrifuges	0.2	ECY22-3131	8xkq-7t41	0.0	1.5
WWT-031	Gravity and Dissolved Air Floatation Thickeners	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
WWT-026 WWT-027	Odor Control	0.2	ECY22-3132	6dp3-dphb	0.0	1.5 1.0
VV VV 1-027	Treatment of Metal Wastestreams Completing the Discharge Monitoring Report (under	0.1	ECY22-3133	19xt-pi69	0.0	1.0
WWT-028	completing the Discharge Monitoring Report (under construction)	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
WWT-020	How Did CDPHE Determine My Permit Limits?	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
WWT-030	MRT for Wastewater Treatment and Collection Systems	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
	Water Treatment & Distribution Topics	5 11	5 11	7 11		5 11
WATER-001	Introduction to Small Water Systems	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
WATER-002	Water Sources Part 1	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
WATER-002 WATER-003	Water Sources Part 2	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
WATER-003	Drinking Water Treatment Part 1	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
WATER-004 WATER-005	Water Treatment Part 2 (Disinfection, Water Focus)	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
	Intro to Distribution Systems	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
WATER-006 WATER-007	MRT Drinking Water Regulatory Course	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.

Indigo Course ID	Course Title	Washington State CEUs	Washington Approval No.	Wisconsin Approval No.	Wisconsin Municipal Waterworks	Wisconsin Wastewater
WATER-009	Water Storage Tanks Part 1 - Components	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
WATER-010	Water Storage Tanks Part 2 - Water Age and Quality	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
WATER-011	Water Storage Tanks Part 3 - Inspections	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
WATER-012	Fire Hydrant Operation and Inspection (under construction)	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
	Laboratory Procedures					
LAB-001	Basic Chemistry	0.2	ECY22-3134	3ttg-jlqj	2.0	2.0
LAB-002	Laboratory - pH, Alkalinity, and Hardness	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
LAB-003	Laboratory - TDS, Conductivity, and Turbidity	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
LAB-004	Laboratory - Total Suspended Solids	0.1	ECY22-3135	6dp3-dpe6	0.0	1.0
LAB-005	Laboratory - Proper Use of Spectrophotometers (QA/QC)	0.1	ECY22-3136	7nmw-sr80	1.0	1.0
LAB-006	Laboratory - Chlorine Residual by DPD	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
LAB-007	Laboratory - Spectroscopic Tests: Fluoride, Nitrite, and Nitrate	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
LAB-008	Laboratory - Ion-Selective Electrodes (ammonia, nitrate, fluoride)	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
LAB-009	Laboratory - Jar Testing	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
LAB-010	Laboratory Testing - Biochemical Oxygen Demand	0.2	ECY22-3137	Not yet approved.	Not yet approved.	Not yet approved.
LAB-011	Laboratory Testing - BOD Calculations Laboratory Testing - Total coliforms by MPN (under	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
LAB-012	construction)	0.1	ECY22-3138	Not yet approved.	Not yet approved.	Not yet approved.
	Industrial Wastewater Treatment					
IND-001						
IND-002						
IND-003						
IND-004						
IND-005						
IND-006						
IND-007						
IND-008						
IND-009 IND-010						
IND-010	Management					
MAN-001	Developing Standard Operating Procedures	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
MAN-002		Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
MAN-002						
MAN-004						
MAN-005						
MAN-006						
MAN-007						
	Short Schools and Classroom Courses					
On-Line	On-Line Wastewater Short School					
	Completed On-Line Wastewater Short School					

Indigo Course ID	Course Title	Washington State CEUs	Washington Approval No.	Wisconsin Approval No.	Wisconsin Municipal Waterworks	Wisconsin Wastewater
On-Line	On-Line Drinking Water Short School					
	Completed On-Line Drinking Water Short School					

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Indigo Course		Wyoming Catalog	Wyoming	Wyoming	Wyoming	Wyoming Core	Wyoming
ID	Course Title	Number	Area	Hours	CORE?	Hours	Rules?
	Math Modules						
MATH-000	Math Strategies for Success	2024.0211	W. D. WW. C	1	No	0	No
MATH-001	Unit Conversions	2024.0227	W. D. WW. C	0.5	No	0	No
MATH-002	Geometry	2024.0185	W, D, WW, C	0.5	No	0	No
MATH-003	Chemical Dosing	2024.0171	W. D. WW. C	0.5	Yes	0.5	No
MATH-004	Velocity and Hydraulic Detention Time	2024.0230	W. D. WW. C	1	Yes	1	No
MATH-005	Geometry and Velocity	2024.0186	W, D, WW, C	1.5	No	0	No
MATH-006	Using the Two-Normal and Three-Normal Equations	2024.0228	W. D. WW	0.5	No	0	No
MATH-007	Advanced Activated Sludge and Clarifier Math	2024.0160	WW	2	Yes	2	No
MATH-008	Advanced Anaerobic Digester and Solids Math	2024.0161	WW	2	Yes	2	No
MATH-000 MATH-009	Advanced Wastewater Math Grab Bag	2024.0162	WW	2	No	0	No
	Universal Topics	_0		_		<u> </u>	
ALL-001	Pumps	2024.0219	W, D, WW, C	2	Yes	2	No
ALL-001	Hydraulics Basics	2024.0219	W, D, WW, C	1.5	Yes	1.5	No
ALL-002	Hydraulics of Pumped Systems	2024.0188	W, D, WW, C	2	Yes	2	No
ALL-003	Aeration Systems	2024.0163	WW	1.5	Yes	1.5	No
ALL-004	Corrosion Control	2024.0103	W. D. WW. C	2.5	Yes	2.5	No
ALL-005	Maintenance	2024.0177	W, D, WW, C	2.5	No	0	No
ALL-000 ALL-007	AC and DC Motors (Electrical Fundamentals)	2024.0209	W, D, WW, C	1.5	No	0	No
ALL-007	Representative Sampling	2024.0102	W, D, WW, C	1.5	Yes	1.5	No
ALL-009	Disinfection Byproducts	2024.0220	W, D, WW, C	1.5	Yes	1.5	No
ALL-009	Chemical Handling (under construction)	Not yet approved.	Not yet approved.	Not yet approved.		Not yet approved.	Not yet approved.
ALL-010	Backflow Preventers	2024.0165	W, D, WW, C	0.5	Not yet approved. Yes	0.5	Not yet approved. No
SAF-001	Trenching and Shoring	2024.0103	W, D, WW, C	2.5	No	0.5	No
SAF-001	Confined Space Entry	2024.0223	W, D, WW, C	1.5	No	0	No
SAF-002 SAF-003	Lockout / Tagout	2024.0170	W, D, WW, C W, D, WW, C	1.5	No	0	No
SAF-003 SAF-004	Demolition Saws	2024.0208	W, D, WW, C	0.5	No	0	No
3AF-004	Collection Systems Topics	2024.0175	W, D, WW, O	0.0	110	0	110
COL 001		2024 0404		4.5	Vee	4 5	Ne
COL-001	Introduction to Collections Systems	2024.0191	WW, C	1.5	Yes	1.5	No
COL-002	Collection System Inspection, Testing, and Cleaning - Part 1	2024.0173	С	2	Yes	2	No
COL-003	Collection System Inspection, Testing, and Cleaning - Part 2	2024.0174	С	2.5	Yes	2.5	No
COL-003	Lift Stations	2024.0174	WW, C	2.5	Yes	2.5	No
COL-004	Pretreatment and Pollution Prevention	2024.0207	WW, C	3	Yes	3	No
COL-005	Manholes	2024.0210	WW, C	1	Yes	1	No
COL-000	Wastewater Treatment Topics	2021.0210	, 0	•	100		110
	· · · · ·	2024 0104	10/10/	2	Vee	0	Na
WWT-001	Introduction to Wastewater: A Plant Overview	2024.0194	WW	2	Yes	2	No
WWT-002	What's In My Wastewater: Definitions and Typical Ratios	2024.0235	WW	1.5	Yes	1.5	No
WWT-003	Preliminary Treatment	2024.0216	WW	1	Yes	1	No
WWT-004	Primary Treatment	2024.0218	WW	2	Yes	2	No
WWT-005	Biological Treatment Basics	2024.0169	WW	1.5	Yes	1.5	No
WWT-006	Fixed Film: Trickling Filters and RBCs	2024.0184	WW	1.5	Yes	1.5	No

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Indigo Course ID	Course Title	Wyoming Catalog Number	Wyoming Area	Wyoming Hours	Wyoming CORE?	Wyoming Core Hours	Wyoming Rules?
WWT-007	Lagoons and Wetlands	2024.0206	WW	2.5	Yes	2.5	No
WWT-007A	Wastewater Treatment Lagoons	2024.0231	WW	2	Yes	2	No
WWT-007B	Subsurface Flow Wetlands for Wastewater Treatment	2024.0222	WW	1	Yes	1	No
WWT-008	Lagoons and Fixed Film	2024.0205	WW	2	Yes	2	No
WWT-009	Activated Sludge Basics	2024.0154	WW	3	Yes	3	No
WWT-010	Activated Sludge Basics: A Mechanical Approach	2024.0155	WW	2	Yes	2	No
WWT-011	Top 10 Questions for Activated Sludge Process Control	2024.0223	WW	2.5	Yes	2.5	No
WWT-012A	Activated Sludge Microbiology: A View Beneath the Surface	2024.0156	WW	1	Yes	1	No
WWT-012B	Activated Sludge Microbiology: Microscope Basics and the Micro Exam	2024.0158	WW	1	Yes	1	No
WWT-013	Activated Sludge Microbiology: Filaments and Settling Problems	2024.0157	ww	1	Yes	1	No
WWT-014	Types of Activated Sludge Systems	2024.0226	WW	1.5	Yes	1.5	No
WWT-015	Sequencing Batch Reactors (under construction)						
WWT-016	Nitrification and Denitrification	2024.0214	WW	3	Yes	3	No
WWT-017	Biological and Chemical Phosphorus Removal	2024.0168	WW	2	Yes	2	No
WWT-018	State Point Analysis for Secondary Clarifiers	2024.0221	WW	1.5	Yes	1.5	No
WWT-019	Activated Sludge Process Control Tests and Troubleshooting Membranes for Water and Wastewater Treatment (under	2024.0159	ww	2.5	Yes	2.5	No
	construction)	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
WWT-020	Chlorine Disinfection	2024.0172	WW	2.5	Yes	2.5	No
WWT-021	UV Disinfection (under construction)	2024.0229	W, WW	1.5	Yes	1.5	No
WWT-022	Introduction to Solids Handling and 503 Regulations	2024.0193	WW	1.5	Yes	1.5	Yes
WWT-023	Aerobic and Anaerobic Digestion	2024.0164	WW	3	Yes	3	No
WWT-024	Belt Filter Presses	2024.0167	WW	2	Yes	2	No
WWT-025	Centrifuges	2024.0170	WW	2	Yes	2	No
WWT-031	Gravity and Dissolved Air Floatation Thickeners	2024.0187	WW	2	Yes	2	No
WWT-026	Odor Control	2024.0215	WW	2	Yes	2	No
WWT-027	Treatment of Metal Wastestreams Completing the Discharge Monitoring Report (under	2024.0224	WW	1.5	Yes	1.5	No
WWT-028	construction)	2024.0175	WW	1	Yes	1	No
WWT-029	How Did CDPHE Determine My Permit Limits?	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
WWT-030	MRT for Wastewater Treatment and Collection Systems	2024.0213	WW	2.5	Yes	2.5	Yes
	Water Treatment & Distribution Topics						
WATER-001	Introduction to Small Water Systems	2024.0192	W, D	1.5	Yes	1.5	No
WATER-002	Water Sources Part 1	2024.0232	W	1.5	Yes	1.5	No
WATER-003	Water Sources Part 2	2024.0233	W, D	1	Yes	1	No
WATER-004	Drinking Water Treatment Part 1	2024.0181	W, D	2.5	Yes	2.5	No
WATER-005	Water Treatment Part 2 (Disinfection, Water Focus)	2024.0234	W, D	2.5	Yes	2.5	No
WATER-006	Intro to Distribution Systems	2024.0190	W, D	1.5	Yes	1.5	No
WATER-007	MRT Drinking Water Regulatory Course	2024.0212	W, D	2.5	Yes	2.5	Yes
WATER-008	Corrosion Control and Laboratory	2024.0178	W, D, WW	2	Yes	2	No

Indigo Course ID	Course Title	Wyoming Catalog Number	Wyoming Area	Wyoming Hours	Wyoming CORE?	Wyoming Core Hours	Wyoming Rules?
WATER-009	Water Storage Tanks Part 1 - Components	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
WATER-010	Water Storage Tanks Part 2 - Water Age and Quality	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
WATER-011	Water Storage Tanks Part 3 - Inspections	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
WATER-012	Fire Hydrant Operation and Inspection (under construction)	2024.0183	W, D	2	Yes	2	No
	Laboratory Procedures						
LAB-001	Basic Chemistry	2024.0166	W, D, WW	2.5	No	0	No
LAB-002	Laboratory - pH, Alkalinity, and Hardness	2024.0198	W, D, WW	2	Yes	2	No
LAB-003	Laboratory - TDS, Conductivity, and Turbidity	2024.0201	W, D, WW	2	Yes	2	No
LAB-004	Laboratory - Total Suspended Solids	2024.0202	WW	1	Yes	1	No
LAB-005	Laboratory - Proper Use of Spectrophotometers (QA/QC)	2024.0199	W, D, WW	1.5	Yes	1.5	No
LAB-006	Laboratory - Chlorine Residual by DPD	2024.0195	W, D, WW	0.5	Yes	0.5	No
LAB-007	Laboratory - Spectroscopic Tests: Fluoride, Nitrite, and Nitrate	2024.0200	W, D, WW	1.5	Yes	1.5	No
LAB-008	Laboratory - Ion-Selective Electrodes (ammonia, nitrate, fluoride)	2024.0196	W, D, WW	2	Yes	2	No
LAB-009	Laboratory - Jar Testing	2024.0197	W, WW	1	Yes	1	No
LAB-010	Laboratory Testing - Biochemical Oxygen Demand	2024.0203	WW	2	Yes	2	No
LAB-011	Laboratory Testing - BOD Calculations	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
LAB-012	Laboratory Testing - Total coliforms by MPN (under construction)	2024.0204	W, D, WW	1.5	Yes	1.5	No
-	Industrial Wastewater Treatment						
IND-001							
IND-002							
IND-003							
IND-004							
IND-005							
IND-006							
IND-007							
IND-008							
IND-009							
IND-010							
	Management				Not wet owners d		
MAN-001	Developing Standard Operating Procedures	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.	Not yet approved.
MAN-002							
MAN-003							
MAN-004							
MAN-005							
MAN-006 MAN-007							
IVIAIN-UU7	Chart Sahaala and Classes are Courses						
	Short Schools and Classroom Courses						
On-Line	On-Line Wastewater Short School						
	Completed On-Line Wastewater Short School						

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Indigo Course ID	Course Title	Wyoming Catalog Number	Wyoming Area	Wyoming Hours	Wyoming CORE?	Wyoming Core Hours	Wyoming Rules?
On-Line	On-Line Drinking Water Short School						
	Completed On-Line Drinking Water Short School						