

Include in TU Calculations?	Indigo Course ID	Course Title	Speaker	Total Course Length with Questions, Hours	Colorado Approval No. 2023	Colorado Max TUs	Colorado Water TUs	Colorado Wastewater TUs	Colorado Industrial TUs	Colorado Distribution TUs	Colorado Collection System TUs	Idaho Approvals
		Math Modules										
	MATH-000	Math Strategies for Success	S. Innerebner, PhD, PE	1.0	23-05983-002	0.10	0.10	0.10	0.10	0.10	0.10	See NV, WY, or WA
	MATH-001	Unit Conversions	S. Innerebner, PhD, PE	0.5	23-05984-002	0.05	0.05	0.05	0.05	0.05	0.05	See NV, WY, or WA
	MATH-002	Geometry	S. Innerebner, PhD, PE	0.5	23-05985-002	0.05	0.05	0.05	0.05	0.05	0.05	See NV, WY, or WA
	MATH-003	Chemical Dosing	S. Innerebner, PhD, PE	0.5	23-05986-002	0.05	0.05	0.05	0.05	0.05	0.05	See NV, WY, or WA
	MATH-004	Velocity and Hydraulic Detention Time	S. Innerebner, PhD, PE	1.0	23-05987-001	0.10	0.10	0.10	0.10	0.10	0.10	See NV, WY, or WA
	MATH-005	Geometry and Velocity	S. Innerebner, PhD, PE	1.5	23-05988-001	0.15	0.15	0.15	0.15	0.15	0.15	See NV, WY, or WA
	MATH-006	Using the Two-Normal and Three-Normal Equations	S. Innerebner, PhD, PE	0.5	23-06672-001	0.05	0.05	0.05	0.05	0.05	0.05	See NV, WY, or WA
		Universal Topics										
	ALL-001	Pumps	S. Innerebner, PhD, PE	2.0	23-06046-002	0.20	0.20	0.20	0.20	0.20	0.20	See NV, WY, or WA
	ALL-002	Hydraulics Basics	S. Innerebner, PhD, PE	1.5	23-05990-001	0.15	0.15	0.15	0.15	0.15	0.15	See NV, WY, or WA
	ALL-003	Hydraulics of Pumped Systems	S. Innerebner, PhD, PE	2.0	23-05991-001	0.20	0.20	0.20	0.20	0.20	0.20	See NV, WY, or WA
	ALL-004	Aeration Systems	Stacy Passaro, PE	1.0	23-09505-001	0.10	0.10	0.10	0.10	0.10	0.10	See NV, WY, or WA
	ALL-005	Corrosion Control	S. Innerebner, PhD, PE	2.5	23-05992-001	0.25	0.25	0.25	0.25	0.25	0.25	See NV, WY, or WA
	ALL-006	Maintenance	Stacy Passaro, PE	1.5	23-05993-001	0.15	0.15	0.15	0.15	0.15	0.15	See NV, WY, or WA
	ALL-007	Electrical Fundamentals	Jeremy Fielding	1.5	23-05994-001	0.15	0.15	0.15	0.15	0.15	0.15	See NV, WY, or WA
	ALL-008	Representative Sampling	S. Innerebner, PhD, PE	1.5	23-05995-002	0.15	0.15	0.15	0.15	0.15	0.00	See NV, WY, or WA
	ALL-009	Disinfection Byproducts	S. Innerebner, PhD, PE	1.5	23-05996-001	0.15	0.15	0.15	0.15	0.15	0.00	See NV, WY, or WA
	ALL-010	Chemical Handling (under construction)										
	ALL-011	Backflow Preventers	S. Innerebner, PhD, PE	0.5	23-08959-001	0.05	0.05	0.05	0.05	0.05	0.05	See NV, WY, or WA
	SAF-001	Trenching and Shoring	Josh Baile, MBA, CWP	2.5	23-05998-001	0.25	0.00	0.00	0.00	0.25	0.25	See NV, WY, or WA
	SAF-002	Confined Space Entry	Dale Colerick, CWP	1.5	23-05999-001	0.15	0.15	0.15	0.15	0.15	0.15	See NV, WY, or WA
	SAF-003	Lockout / Tagout	Raphael Workman	1.0	23-09451-001	0.10	0.10	0.10	0.10	0.10	0.10	See NV, WY, or WA
	SAF-004	Demolition Saw Safety	Raphael Workman	0.5	23-09506-001	0.05	0.05	0.05	0.05	0.05	0.05	See NV, WY, or WA
		Collection Systems Topics										
	COL-001	Introduction to Collections Systems	S. Innerebner, PhD, PE	1.5	23-06000-002	0.15	0.00	0.00	0.00	0.00	0.15	See NV, WY, or WA
	COL-002	Collection System Inspection, Testing, and Cleaning - Part 1	S. Innerebner, PhD, PE	2.5	23-06001-002	0.25	0.00	0.00	0.00	0.00	0.25	See NV, WY, or WA
	COL-003	Collection System Inspection, Testing, and Cleaning - Part 2	S. Innerebner, PhD, PE	2.5	23-6002-002	0.25	0.00	0.00	0.00	0.00	0.25	See NV, WY, or WA
	COL-004	Lift Stations	S. Innerebner, PhD, PE	2.0	23-06003-001	0.20	0.00	0.20	0.20	0.00	0.20	See NV, WY, or WA
	COL-005	Pretreatment and Pollution Prevention	S. Innerebner, PhD, PE	3.0	23-06004-001	0.30	0.30	0.30	0.30	0.00	0.30	See NV, WY, or WA
	COL-006	Manholes	S. Innerebner, PhD, PE	1.0	23-06005-001	0.10	0.00	0.00	0.00	0.00	0.10	See NV, WY, or WA
		Wastewater Treatment Topics										
	WWT-001	Introduction to Wastewater: A Plant Overview	S. Innerebner, PhD, PE	2.0	23-06006-001	0.20	0.00	0.20	0.20	0.00	0.00	See NV, WY, or WA
	WWT-002	What's In My Wastewater: Definitions and Typical Ratios	S. Innerebner, PhD, PE	1.5	23-06007-001	0.15	0.00	0.15	0.15	0.00	0.05	See NV, WY, or WA
	WWT-003	Preliminary Treatment	S. Innerebner, PhD, PE	1.0	23-09381-001	0.10	0.05	0.10	0.10	0.00	0.05	See NV, WY, or WA
	WWT-004	Primary Treatment (under construction)		2.0	23-09382-001	0.20	0.00	0.20	0.20	0.00	0.00	
	WWT-005	Biological Treatment Basics	S. Innerebner, PhD, PE	1.5	23-07222-001	0.15	0.00	0.15	0.15	0.00	0.00	See NV, WY, or WA
	WWT-006	Fixed Film: Trickling Filters and RBCs	S. Innerebner, PhD, PE	1.5	23-06008-001	0.15	0.00	0.15	0.15	0.00	0.00	See NV, WY, or WA
	WWT-007	Lagoons and Wetlands	Innerebner & Flowers	2.5	23-06009-001	0.25	0.00	0.25	0.25	0.00	0.00	See NV, WY, or WA
	WWT-008	Lagoons and Fixed Film	S. Innerebner, PhD, PE	2.0	23-06010-001	0.20	0.15	0.20	0.20	0.00	0.00	See NV, WY, or WA
	WWT-009	Activated Sludge Basics	S. Innerebner, PhD, PE	3.0	23-06011-002	0.30	0.00	0.30	0.30	0.00	0.00	See NV, WY, or WA
	WWT-010	Activated Sludge Basics: A Mechanical Approach	S. Innerebner, PhD, PE	2.0	23-06012-001	0.20	0.00	0.20	0.20	0.00	0.00	See NV, WY, or WA
	WWT-011	Top 10 Questions for Activated Sludge Process Control Answered	S. Innerebner, PhD, PE	2.5	23-07727-001	0.25	0.00	0.25	0.25	0.00	0.00	See NV, WY, or WA
	WWT-012A	Activated Sludge Microbiology: A View Beneath the Surface	Steve Leach	1.0	23-08900-001	0.10	0.10	0.10	0.10	0.10	0.00	See NV, WY, or WA
	WWT-012B	Activated Sludge Microbiology: Microscope Basics and the Activated Sludge Microbiology: Filaments and Settling Problems	Steve Leach	1.0	23-08901-001	0.10	0.10	0.10	0.10	0.10	0.00	See NV, WY, or WA
	WWT-013	Types of Activated Sludge Systems	S. Innerebner, PhD, PE	1.5	23-06015-001	0.15	0.00	0.15	0.15	0.00	0.00	See NV, WY, or WA
	WWT-014	Sequencing Batch Reactors (under construction)										
	WWT-015	Nitrification and Denitrification	S. Innerebner, PhD, PE	3.0	23-06016-001	0.30	0.30	0.30	0.30	0.00	0.00	See NV, WY, or WA
	WWT-016	Biological and Chemical Phosphorus Removal	S. Innerebner, PhD, PE	2.0	23-06017-001	0.20	0.00	0.20	0.20	0.00	0.00	See NV, WY, or WA
	WWT-017	State Point Analysis for Secondary Clarifiers	Eric Wahlberg, PhD, PE	1.5	23-06018-001	0.15	0.15	0.15	0.15	0.00	0.00	See NV, WY, or WA
	WWT-018	Activated Sludge Process Control Tests and Troubleshooting	S. Innerebner, PhD, PE	2.5	23-06019-001	0.25	0.00	0.25	0.25	0.00	0.00	See NV, WY, or WA
	WWT-019	Chlorine Disinfection	S. Innerebner, PhD, PE	2.5	23-06020-001	0.25	0.25	0.25	0.25	0.25	0.00	See NV, WY, or WA
	WWT-020	UV Disinfection (under construction)										
	WWT-021											

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	WWT-022	Introduction to Solids Handling and 503 Regulations	S. Innerebner, PhD, PE	1.5	23-06022-002	0.15	0.00	0.15	0.00	0.00	0.00	See NV, WY, or WA
	WWT-023	Aerobic and Anaerobic Digestion	S. Innerebner, PhD, PE	2.0	23-06023-001	0.20	0.00	0.20	0.20	0.00	0.00	See NV, WY, or WA
	WWT-024	Belt Filter Presses	S. Innerebner, PhD, PE	2.0	23-06024-001	0.20	0.20	0.20	0.20	0.00	0.00	See NV, WY, or WA
	WWT-025	Centrifuges	Ken Schnaars, PE	2.0	23-06025-001	0.20	0.20	0.20	0.20	0.00	0.00	See NV, WY, or WA
	WWT-026	Odor Control	Mike Lutz, PE	2.0	23-06026-001	0.20	0.00	0.20	0.20	0.00	0.20	See NV, WY, or WA
	WWT-027	Treatment of Metal Wastestreams	Gary Parham, PE, CWP	1.5	23-06032-001	0.15	0.15	0.15	0.15	0.00	0.15	See NV, WY, or WA
	WWT-028	Completing the Discharge Monitoring Report (under construction)	S. Innerebner, PhD, PE									
	WWT-029	How Did CDPHE Determine My Permit Limits?	S. Innerebner, PhD, PE	2.0	23-06033-001	0.20	0.20	0.20	0.20	0.00	0.00	Not Approved
	WWT-030	MRT for Wastewater Treatment and Collection Systems	S. Innerebner, PhD, PE	2.5	23-06840-002	0.25	0.00	0.25	0.25	0.00	0.25	Not Approved
		Water Treatment & Distribution Topics										
	WATER-001	Introduction to Small Water Systems	Josh Baile, MBA, CWP	1.5	23-06034-002	0.15	0.15	0.00	0.00	0.15	0.00	See NV, WY, or WA
	WATER-002	Water Sources Part 1	Josh Baile, MBA, CWP	1.5	23-06035-001	0.15	0.15	0.15	0.15	0.10	0.10	See NV, WY, or WA
	WATER-003	Water Sources Part 2	S. Innerebner, PhD, PE	1.0	23-06036-001	0.10	0.10	0.00	0.10	0.10	0.00	See NV, WY, or WA
	WATER-004	Drinking Water Treatment Part 1	S. Innerebner, PhD, PE	2.5	23-06037-001	0.25	0.25	0.00	0.00	0.00	0.00	See NV, WY, or WA
	WATER-005	Water Treatment Part 2 (Disinfection, Water Focus)	S. Innerebner, PhD, PE	2.5	23-06038-001	0.25	0.25	0.25	0.25	0.25	0.00	See NV, WY, or WA
	WATER-006	Intro to Distribution Systems	S. Innerebner, PhD, PE	1.5	23-06696-001	0.15	0.10	0.10	0.10	0.15	0.10	See NV, WY, or WA
	WATER-007	MRT Drinking Water Regulatory Course	S. Innerebner, PhD, PE	2.5	23-06743-002	0.25	0.25	0.00	0.00	0.25	0.00	Not Approved
	WATER-008	Corrosion Control and Laboratory	S. Innerebner, PhD, PE	2.0	23-06039-001	0.20	0.20	0.20	0.20	0.15	0.10	See NV, WY, or WA
		Laboratory Procedures										
	LAB-001	Basic Chemistry	S. Innerebner, PhD, PE	2.5	23-05997-001	0.25	0.25	0.25	0.25	0.25	0.25	See NV, WY, or WA
	LAB-002	Laboratory - pH, Alkalinity, and Hardness	S. Innerebner, PhD, PE	2.0	23-07704-001	0.20	0.20	0.20	0.20	0.05	0.05	See NV, WY, or WA
	LAB-003	Laboratory - TDS, Conductivity, and Turbidity	S. Innerebner, PhD, PE	2.0	23-07745-001	0.20	0.20	0.20	0.20	0.10	0.05	See NV, WY, or WA
	LAB-004	Laboratory - Total Suspended Solids	S. Innerebner, PhD, PE	1.5	23-06028-001	0.15	0.15	0.15	0.15	0.00	0.00	See NV, WY, or WA
	LAB-005	Laboratory - Proper Use of Spectrophotometers (QA/QC)	S. Innerebner, PhD, PE	1.5	23-06030-001	0.15	0.15	0.15	0.15	0.15	0.15	See NV, WY, or WA
	LAB-006	Laboratory - Chlorine Residual by DPD	S. Innerebner, PhD, PE	0.5	23-07709-001	0.05	0.05	0.05	0.05	0.05	0.00	See NV, WY, or WA
	LAB-007	Laboratory - Spectroscopic Tests: Fluoride, Nitrite, and Nitrate (under construction)	S. Innerebner, PhD, PE	1.5	23-08960-001	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	23-08961-001	0.20	0.20	0.15	0.20	0.05	0.05	
	LAB-009	Laboratory - Jar Testing	S. Innerebner, PhD, PE	1.0	23-07639-001	0.10	0.10	0.10	0.10	0.00	0.00	See NV, WY, or WA
	LAB-010	Laboratory Testing - Biochemical Oxygen Demand	S. Innerebner, PhD, PE	1.5	23-07744-001	0.15	0.00	0.15	0.15	0.00	0.00	See NV, WY, or WA
	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	

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	Math Modules								
MATH-000	Math Strategies for Success	WWT23-3430-T01-G00	1.0		7191-1-11	All Operators	Non-Process	1.0	Not approved.
MATH-001	Unit Conversions	WWT23-3431-T0.5-G00	0.5		5976-16-11	All Operators	Non-Process	0.5	0.5
MATH-002	Geometry	WWT23-3432-T0.5-G00	0.5		5977-16-11	All Operators & All Superintendents	Non-Process	0.5	0.5
MATH-003	Chemical Dosing	WWT23-3433-T0.5-G00	0.5		5979-16-10	All Operators	Non-Process	0.5	0.5
MATH-004	Velocity and Hydraulic Detention Time	WWT23-3434-T01-G00	1.0		7192-1-22	All Operators	Non-Process	1.0	0.5
MATH-005	Geometry and Velocity	WWT23-3435-T1.5-G00	1.5		7193-1-22	All Operators	Non-Process	1.5	1.5
MATH-006	Using the Two-Normal and Three-Normal Equations	WWT23-3436-T0.5-G00	0.5		7194-1-22	All Operators	Non-Process	0.5	Not Approved.
	Universal Topics								
ALL-001	Pumps	WWT23-3437-T02-G00	2.0		5979-16-11	All Operators	Non-Process	1.5	1.5
ALL-002	Hydraulics Basics	WWT23-3438-T1.5-G00	1.5		5961-16-07	All Operators	Non-Process	1.0	1.0
ALL-003	Hydraulics of Pumped Systems	WWT23-3439-T02-G00	2.0		5980-16-11	All Operators	Non-Process	2.0	2.0
ALL-004	Aeration Systems	WWT23-3496-T1.5-G00	1.5		Sent 07-22-2023	Application pending			Not Approved
ALL-005	Corrosion Control	WWT23-3440-T2.5-G00	2.5		5981-16-11	All Operators	Non-Process	1.5	2.0
ALL-006	Maintenance	WWT23-3441-T00-G1.5		1.5	5982-16-11	All Operators	Non-Process	1.5	1.5
ALL-007	Electrical Fundamentals	WWT23-3442-T1.5-G00	1.5		7188-1-22	All Operators	Non-Process	1.5	1.0
ALL-008	Representative Sampling	WWT23-3443-T02-G00	2.0		5983-16-11	All Operators	Non-Process	1.0	1.5
ALL-009	Disinfection Byproducts	WWT23-3444-T02-G00	2.0		5984-16-11	All Operators	Process	1.0	1.5
ALL-010	Chemical Handling (under construction)								
ALL-011	Backflow Preventers	WWT23-3445-T00-G0.5		0.5	Sent 07-22-2023	Application pending			Not Approved
SAF-001	Trenching and Shoring	WWT23-3452-T00-G2.5		2.5	5985-16-11	All Operators & All Superintendents	Non-Process	2.0	2.0
SAF-002	Confined Space Entry	WWT23-3453-T00-G1.5		1.5	5986-16-11	All Operators & All Superintendents	Non-Process	1.0	1.5
SAF-003	Lockout / Tagout	WWT23-3497-T00-G01		1.0	Sent 07-22-2023	Application pending			Not Approved
SAF-004	Demolition Saw Safety	Not Approved	0.0	0.0	Sent 07-22-2023	Application pending			Not Approved
	Collection Systems Topics								
COL-001	Introduction to Collections Systems	WWT23-3446-T1.5-G00	1.5		5987-16-11	All WW, All IWW, All WWC Operators	Non-Process	1.0	1.5
COL-002	Collection System Inspection, Testing, and Cleaning - Part 1	WWT23-344 7-T2.5-G00	2.5		5988-16-11	All WW, All IWW, All WWC Operators	Non-Process	1.5	2.0
COL-003	Collection System Inspection, Testing, and Cleaning - Part 2	WWT23-3448-T2.5-G00	2.5		5989-16-11	All WW, All IWW, All WWC Operators	Non-Process	1.5	2.0
COL-004	Lift Stations	WWT23-3449-T02-G00	2.0		5990-16-11	All WW, All IWW, All WWC Operators	Non-Process	1.0	1.0
COL-005	Pretreatment and Pollution Prevention	WWT23-3450-T03-G00	3.0		5991-16-11	All Operators & All Superintendents	Non-Process	2.0	2.5
COL-006	Manholes	WWT23-3451-T1.5-G00	1.5		5992-16-11	All Operators	Non-Process	1.0	1.0
	Wastewater Treatment Topics								
WWT-001	Introduction to Wastewater: A Plant Overview	WWT23-3462-T02-G00	2.0		5993-16-11	All WW and All IWW Operators	Non-Process	1.5	1.5
WWT-002	What's In My Wastewater: Definitions and Typical Ratios	WWT23-3463-T1.5-G00	1.5		5994-16-11	All WW, All IWW, All WWC Operators	Non-Process	1.0	1.5
WWT-003	Preliminary Treatment	WWT23-3498-T01-G00	1.0		Sent 07/23/2023	Application pending			Not Approved.
WWT-004	Primary Treatment (under construction)								
WWT-005	Biological Treatment Basics	WWT23-3464-T1.5-G00	1.5		7195-1-22	All WW Operators	Process	1.5	Not Approved.
WWT-006	Fixed Film: Trickling Filters and RBCs	WWT23-3465-T1.5-G00	1.5		5995-16-11	All WW Operators	Process	1.0	1.5
WWT-007	Lagoons and Wetlands	WWT23-3466-T2.5-G00	2.5		5996-16-11	WW 3, 4, A; IWW 4 Operators	Process	2.0	2.0
WWT-008	Lagoons and Fixed Film	WWT23-3467-T02-G00	2.0		5997-16-11	WW 3, 4, A; IWW 4 Operators	Process	1.0	1.5
WWT-009	Activated Sludge Basics	WWT23-3468-T03-G00	3.0		5998-16-11	WW 3, 5, A; IWW 5 Operators	Process	2.0	2.5
WWT-010	Activated Sludge Basics: A Mechanical Approach	WWT23-3469-T2.5-G00	2.5		5962-16-07 NP	WW; 3, 5 All IWW; 5	Process	2.0	2.0
WWT-011	Top 10 Questions for Activated Sludge Process Control Answered	WWT23-3470-T2.5-G00	2.5		7196-1-22	All WW / I Operators	Process	2.5	Not Approved.
WWT-012A	Activated Sludge Microbiology: A View Beneath the Surface	WWT23-3471-T01-G00	1.0		Sent 07/23/2023	Application pending			1.0
WWT-012B	Activated Sludge Microbiology: Microscope Basics and the	WWT23-3472-T01-G00	1.0		Sent 07/23/2023	Application pending			Not Approved.
WWT-013	Activated Sludge Microbiology: Filaments and Settling Problems	WWT23-3473-T01-G00	1.0		Sent 07/23/2023	Application pending			1.0
WWT-014	Types of Activated Sludge Systems	WWT23-3474-T1.5-G00	1.5		6001-16-11	WW 3, 5, A Operators	Process	1.0	1.5
WWT-015	Sequencing Batch Reactors (under construction)								
WWT-016	Nitrification and Denitrification	WWT23-3475-T2.5-G00	2.5		6002-16-11	WW 3, 4, 5, A; IWW 5 Operators	Process	1.5	2.0
WWT-017	Biological and Chemical Phosphorus Removal	WWT23-3476-T02-G00	2.0		6003-16-11	WW 3, 4, 5, A; IWW 5 Operators	Process	1.5	1.5
WWT-018	State Point Analysis for Secondary Clarifiers	WWT23-3477-T1.5-G00	1.5		6004-16-11	All WW, All IWW Operators	Process	1.0	1.5
WWT-019	Activated Sludge Process Control Tests and Troubleshooting	WWT23-3478-T2.5-G00	2.5		6005-16-11	All WW, All IWW Operators	Process	2.0	2.0
WWT-020	Chlorine Disinfection	WWT23-3479-T02-G00	2.0		6006-16-11	All Operators	Process	1.0	1.5
WWT-021	UV Disinfection (under construction)								

Indigo Course ID	Course Title	Indiana Approval No.	Indiana Technical Hrs	Indiana General Hrs	Maryland Course Code	Maryland Audience	Maryland Process?	Maryland Hours	Nebraska Municipal Hours
WWT-022	Introduction to Solids Handling and 503 Regulations	WWT23-3480-T1.5-G00	1.5		Not Approved.				1.5
WWT-023	Aerobic and Anaerobic Digestion	WWT23-3481-T2.5-G00	2.5		6007-16-11	All WW, All IWW Operators	Process	2.0	2.0
WWT-024	Belt Filter Presses	WWT23-3482-T02-G00	2.0		6008-16-11	All WW, All IWW, WT 3, 4 Operators	Process	1.0	1.5
WWT-025	Centrifuges	WWT23-3483-T02-G00	2.0		6009-16-11	All WW, All IWW, WT 3, 4 Operators	Process	1.5	1.5
WWT-026	Odor Control	WWT23-3484-T00-G02		2.0	6010-16-11	All Operators	Non-Process	1.5	1.5
WWT-027	Treatment of Metal Wastestreams	WWT23-3485-T1.5-G00	1.5		6016-16-11	All IWW Operators	Process	1.0	0.0
WWT-028	Completing the Discharge Monitoring Report (under construction)				Not Approved.				Not Approved.
WWT-029	How Did CDPHE Determine My Permit Limits?	WWT23-3486-T00-G02		2.0	Not Approved.				Not approved.
WWT-030	MRT for Wastewater Treatment and Collection Systems	WWT23-3487-T00-G2.5		2.5	Not Approved.				Not Approved.
	Water Treatment & Distribution Topics								
WATER-001	Introduction to Small Water Systems	WWT23-3454-T00-G1.5		1.5	Sent 07/30/2023	Application pending			Not approved.
WATER-002	Water Sources Part 1	WWT23-3455-T00-G1.5		1.5	Sent 07/30/2023	Application pending			Not approved.
WATER-003	Water Sources Part 2	WWT23-3456-T00-G01		1.0	Sent 07/30/2023	Application pending			Not approved.
WATER-004	Drinking Water Treatment Part 1	WWT23-3457-T00-G2.5		2.5	Sent 07/30/2023	Application pending			Not approved.
WATER-005	Water Treatment Part 2 (Disinfection, Water Focus)	WWT23-3458-T00-G2.5		2.5	Sent 07/30/2023	Application pending			Not approved.
WATER-006	Intro to Distribution Systems	WWT23-3459-T00-G1.5		1.5	Sent 07/30/2023	Application pending			Not approved.
WATER-007	MRT Drinking Water Regulatory Course	WWT23-3460-T00-G2.5		2.5	Not Approved.				Not approved.
WATER-008	Corrosion Control and Laboratory	WWT23-3461-T02-G00	2.0		Not Approved.				2.0
	Laboratory Procedures								
LAB-001	Basic Chemistry	WWT23-3488-T00-G02		2.0	6015-16-11	All Operators	Non-Process	2.0	2.0
LAB-002	Laboratory - pH, Alkalinity, and Hardness	WWT23-3489-T02-G00	2.0		7189-1-22	All Operators	Non-Process	2.0	Not approved.
LAB-003	Laboratory - TDS, Conductivity, and Turbidity	WWT23-3490-T02-G00	2.0		Sent 07/30/2023	Application pending			Not approved.
LAB-004	Laboratory - Total Suspended Solids	WWT23-3491-T1.5-G00	1.5		6012-16-11	All WW, All IWW, All WT Operators	Non-Process	1.0	1.0
LAB-005	Laboratory - Proper Use of Spectrophotometers (QA/QC)	WWT23-3492-T1.5-G00	1.5		6014-16-11	All Operators	Non-Process	1.0	1.0
LAB-006	Laboratory - Chlorine Residual by DPD	WWT23-3493-T0.5-G00	0.5		7190-1-22	All Operators	Non-Process	0.5	Not approved.
LAB-007	Laboratory - Spectroscopic Tests: Fluoride, Nitrite, and Nitrate (under construction)								
LAB-008	Laboratory - Ion-Selective Electrodes (ammonia, nitrate, fluoride) (under construction)								
LAB-009	Laboratory - Jar Testing	WWT23-3494-T01-G00	1.0		Sent 07/30/2023	Application pending			Not approved.
LAB-010	Laboratory Testing - Biochemical Oxygen Demand	WWT23-3495-T1.5-G00	1.5		Sent 07/30/2023	Application pending			2.0
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

Indigo Course ID	Course Title	Nebraska Industrial Hours	New Mexico TC	New Mexico Hours	Nevada Course No.	Nevada CEU Hours	Nevada Wastewater Approval	Nevada Drinking Water Hours	Ohio Approval Number (Post Nov 2021)	Ohio Contact Hours (new)
	Math Modules									
MATH-000	Math Strategies for Success	Not approved.	1.0 TC	1	NV22-133	1.0	WW	1.0	IWG-B0000-OM	1.0
MATH-001	Unit Conversions	0.5	0.5 TC	0.5	NV22-134	0.5	WW	0.5	IWG-B0001-OM	0.5
MATH-002	Geometry	0.5	0.5 TC	0.5	NV22-135	0.5	WW	0.5	IWG-B0002-OM	0.5
MATH-003	Chemical Dosing	0.5	0.5 TC	0.5	NV22-136	0.5	WW	0.5	IWG-B0003-OM	0.5
MATH-004	Velocity and Hydraulic Detention Time	0.5	1.0 TC	1	NV22-137	1.0	WW	1.0	IWG-B0004-OM	1.0
MATH-005	Geometry and Velocity	1.5	1.5 TC	1.5	NV22-138	1.5	WW	1.5	IWG-B0005-OM	1.5
MATH-006	Using the Two-Normal and Three-Normal Equations	Not Approved.	0.5 TC	0.5	NV22-139	0.5	WW	0.5	IWG-B0006-OM	0.5
	Universal Topics									
ALL-001	Pumps	1.5	2.0 TC	2	NV22-109	2.0	WW	2.0	IWG-B1001-OM	2.0
ALL-002	Hydraulics Basics	1.0	1.5 TC	1.5	NV22-110	1.5	WW	1.5	IWG-B1002-OM	1.5
ALL-003	Hydraulics of Pumped Systems	2.0	2.0 TC	2	NV22-111	2.0	WW	2.0	IWG-B1003-OM	2.0
ALL-004	Aeration Systems	Not approved.	1.0 TC	1.0	Sent in 07/30/2023			0.0	IWG-S1004-OM	1.5
ALL-005	Corrosion Control	2.0	2.5 TC	2.5	NV22-112	2.5	WW	2.5	IWG-B1005-OM	2.5
ALL-006	Maintenance	1.5	1.5 TC	1.5	NV22-113	1.5	WW	1.5	IWG-B1006-OM	1.5
ALL-007	Electrical Fundamentals	Not approved.	1.5 TC	1.5	NV22-114	1.5	WW	Half of Wastewater	IWG-B1007-OM	1.5
ALL-008	Representative Sampling	1.5	2.0 TC	2	NV22-115	1.5	WW	2.0	IWG-B1008-OM	1.5
ALL-009	Disinfection Byproducts	0.0	1.5 TC	1.5	NV22-116	1.5	WW	2.0	IWG-B1009-OM	1.5
ALL-010	Chemical Handling (under construction)							0.0		
ALL-011	Backflow Preventers	Not approved.	0.5 TC	0.5	NV22-117	0.5	WW		IWG-B1011-OM	0.5
SAF-001	Trenching and Shoring	2.0	2.5 TC	2.5	NV22-140	2.5	S/S	2.5	IWG-B2001-X	2.5
SAF-002	Confined Space Entry	1.5	1.5 TC	1.5	NV22-141	1.5	S/S	1.5	IWG-B2002-X	1.5
SAF-003	Lockout / Tagout	Not approved.	1.0 TC	1.0	Sent in 07/30/2023				IWG-B2004-X	1.0
SAF-004	Demolition Saw Safety	Not approved.	0.5 TC	0.5	Sent in 07/30/2023				IWG-B2005-X	0.5
	Collection Systems Topics									
COL-001	Introduction to Collections Systems	0.0	1.5 TC	1.5	NV22-118	1.5	WW	Half of Wastewater	IWG-S3001-OM	1.5
COL-002	Collection System Inspection, Testing, and Cleaning - Part 1	0.0	2.5 TC	2.5	NV22-119	2.5	WW	Half of Wastewater	IWG-S3002-OM	2.5
COL-003	Collection System Inspection, Testing, and Cleaning - Part 2	0.0	2.5 TC	2.5	NV22-120	2.5	WW	Half of Wastewater	IWG-S3003-OM	2.5
COL-004	Lift Stations	1.0	2.0 TC	2	NV22-121	1.5	WW	Half of Wastewater	IWG-S3004-OM	2.0
COL-005	Pretreatment and Pollution Prevention	2.5	3.0 TC	3	NV22-122	3.0	WW	Half of Wastewater	IWG-S3005-OM	3.0
COL-006	Manholes	1.0	1.0 TC	1	NV22-123	1.0	WW	Half of Wastewater	IWG-S3006-OM	1.0
	Wastewater Treatment Topics									
WWT-001	Introduction to Wastewater: A Plant Overview	0.0	2.0 TC	2	NV22-149	2.0	WW	Half of Wastewater	IWG-S4001-OM	2.0
WWT-002	What's In My Wastewater: Definitions and Typical Ratios	1.5	1.5 TC	1.5	NV22-150	1.5	WW	Half of Wastewater	IWG-S4002-OM	1.5
WWT-003	Preliminary Treatment	Not Approved.	1.0 TC	1.0					IWG-S4003-OM	1.0
WWT-004	Primary Treatment (under construction)								IWG-S4004-OM	2.0
WWT-005	Biological Treatment Basics	Not Approved.	1.5 TC	1.5	NV22-151	1.5	WW	Half of Wastewater	IWG-S4005-OM	1.5
WWT-006	Fixed Film: Trickling Filters and RBCs	0.0	1.5 TC	1.5	NV22-152	1.5	WW	Half of Wastewater	IWG-S4006-OM	1.5
WWT-007	Lagoons and Wetlands	0.0	2.5 TC	2.5	NV22-174	2.5	WW	Half of Wastewater	IWG-S4007-OM	2.5
WWT-008	Lagoons and Fixed Film	0.0	2.0 TC	2	NV22-153	2.0	WW	Half of Wastewater	IWG-S4008-OM	2.0
WWT-009	Activated Sludge Basics	0.0	3.0 TC	3	NV22-154	3.0	WW	Half of Wastewater	IWG-S4009-OM	3.0
WWT-010	Activated Sludge Basics: A Mechanical Approach	0.0	2.5 TC	2.5	NV22-155	2.5	WW	Half of Wastewater	IWG-S4010-OM	2.0
WWT-011	Top 10 Questions for Activated Sludge Process Control Answered	Not Approved.	2.5 TC	2.5	NV22-156	2.5	WW	Half of Wastewater	IWG-S4011-OM	2.5
WWT-012A	Activated Sludge Microbiology: A View Beneath the Surface	0.0	1.0 TC	1	NV22-157	1.0	WW	Half of Wastewater	IWG-S4028-OM	1.0
WWT-012B	Activated Sludge Microbiology: Microscope Basics and the	Not Approved.	1.0 TC	1	NV22-158	1.0	WW	Half of Wastewater	IWG-S4029-OM	1.0
WWT-013	Activated Sludge Microbiology: Filaments and Settling Problems	0.0	1.0 TC	1	NV22-159	1.0	WW	Half of Wastewater	IWG-S4030-OM	1.0
WWT-014	Types of Activated Sludge Systems	0.0	1.5 TC	1.5	NV22-160	1.5	WW	Half of Wastewater	IWG-S4014-OM	1.5
WWT-015	Sequencing Batch Reactors (under construction)									
WWT-016	Nitrification and Denitrification	0.0	3.0 TC	3	NV22-173	3.0	WW	Half of Wastewater	IWG-S4016-OM	3.0
WWT-017	Biological and Chemical Phosphorus Removal	0.5	2.0 TC	2	NV22-161	2.0	WW	Half of Wastewater	IWG-S4017-OM	2.0
WWT-018	State Point Analysis for Secondary Clarifiers	1.5	1.5 TC	1.5	NV22-162	1.5	WW	Half of Wastewater	IWG-S4018-OM	1.5
WWT-019	Activated Sludge Process Control Tests and Troubleshooting	2.0	2.5 TC	2.5	NV22-163	2.5	WW	Half of Wastewater	IWG-S4019-OM	2.5
WWT-020	Chlorine Disinfection	1.5	2.5 TC	2.5	NV22-164	2.5	WW	Half of Wastewater	IWG-B4020-OM	2.5
WWT-021	UV Disinfection (under construction)									

Indigo Course ID	Course Title	Nebraska Industrial Hours	New Mexico TC	New Mexico Hours	Nevada Course No.	Nevada CEU Hours	Nevada Wastewater Approval	Nevada Drinking Water Hours	Ohio Approval Number (Post Nov 2021)	Ohio Contact Hours (new)
WWT-022	Introduction to Solids Handling and 503 Regulations	0.0	1.5 TC	1.5	NV22-165	1.5	WW	Half of Wastewater	IWG-B4022-OM	1.5
WWT-023	Aerobic and Anaerobic Digestion	0.0	2.0 TC	2	NV22-166	2.5	WW	Half of Wastewater	IWG-S4023-OM	2.0
WWT-024	Belt Filter Presses	1.5	2.0 TC	2	NV22-167	2.0	WW	Half of Wastewater	IWG-B4024-OM	2.0
WWT-025	Centrifuges	1.5	2.0 TC	2	NV22-168	2.0	WW	Half of Wastewater	IWG-S4025-OM	2.0
WWT-026	Odor Control	1.5	2.0 TC	2	NV22-169	2.0	WW	Half of Wastewater	IWG-S4026-OM	2.0
WWT-027	Treatment of Metal Wastestreams	1.0	1.5 TC	1.5	NV22-170	1.5	WW		IWG-S4027-OM	1.5
WWT-028	Completing the Discharge Monitoring Report (under construction)	Not Approved.	Not Approved.						Not Approved.	
WWT-029	How Did CDPHE Determine My Permit Limits?	Not approved.	Not Approved.		NV22-171	2.0	WW		IWG-S4031-OM	2.0
WWT-030	MRT for Wastewater Treatment and Collection Systems	Not Approved.	Not Approved.		Not Approved			Not Approved	IWG-S4032-OM	2.5
Water Treatment & Distribution Topics										
WATER-001	Introduction to Small Water Systems	Not approved.	1.5 TC	1.5	NV22-142	0.0	--	1.5	IWG-D5001-OM	1.5
WATER-002	Water Sources Part 1	Not approved.	1.5 TC	1.5	NV22-143	0.0	--	1.5	IWG-D5002-OM	1.5
WATER-003	Water Sources Part 2	Not approved.	1.0 TC	1	NV22-144	0.0	--	1.0	IWG-D5003-OM	1.0
WATER-004	Drinking Water Treatment Part 1	Not approved.	2.5 TC	2.5	NV22-145	0.0	--	2.5	IWG-D5004-OM	2.5
WATER-005	Water Treatment Part 2 (Disinfection, Water Focus)	Not approved.	2.5 TC	2.5	NV22-146	0.0	--	2.5	IWG-D5005-OM	2.5
WATER-006	Intro to Distribution Systems	Not approved.	1.5 TC	1.5	NV22-147	0.0	--	1.5	IWG-D5006-OM	1.5
WATER-007	MRT Drinking Water Regulatory Course	Not approved.	Not Approved.		Not Approved			Not Approved	IWG-D5007-OM	2.5
WATER-008	Corrosion Control and Laboratory	2.0	2.0 TC	2	NV22-148	0.0	WW	2.0	IWG-D5008-OM	2.0
Laboratory Procedures										
LAB-001	Basic Chemistry	2.0	2.5 TC	2.5	NV22-124	2.5	WW	2.0	IWG-B6001-OM	2.5
LAB-002	Laboratory - pH, Alkalinity, and Hardness	Not approved.	2.0 TC	2	NV22-125	2.0	WW	0.0	IWG-B6002-OM	2.0
LAB-003	Laboratory - TDS, Conductivity, and Turbidity	Not approved.	2.0 TC	2	NV22-126	2.0	WW	0.0	IWG-B6003-OM	2.0
LAB-004	Laboratory - Total Suspended Solids	1.0	1.5 TC	1.5	NV22-127	1.5	WW	1.5	IWG-S6004-OM	1.5
LAB-005	Laboratory - Proper Use of Spectrophotometers (QA/QC)	1.0	1.5 TC	1.5	NV22-128	1.5	WW	1.5	IWG-B6005-OM	1.5
LAB-006	Laboratory - Chlorine Residual by DPD	Not approved.	0.5 TC	0.5	NV22-129	0.5	WW		IWG-B6006-OM	0.5
LAB-007	Laboratory - Spectroscopic Tests: Fluoride, Nitrite, and Nitrate (under construction)		1.5 TC	1.5					IWG-B6007-OM	1.5
LAB-008	Laboratory - Ion-Selective Electrodes (ammonia, nitrate, fluoride) (under construction)		2.0 TC	2					IWG-B6008-OM	2.0
LAB-009	Laboratory - Jar Testing	Not approved.	1.0 TC	1	NV22-130	1.0	WW		IWG-B6010-OM	1.0
LAB-010	Laboratory Testing - Biochemical Oxygen Demand	1.0	1.5 TC	1.5	NV22-131	1.5	WW		IWG-B6009-OM	1.5
LAB-011	Laboratory Testing - Total coliforms by MPN (under construction)	0.0	1.5 TC	1.5	NV22-132	1.5	WW	1.5	IWG-B6011-OM	1.5

Indigo Course ID	Course Title	Ohio Audience	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	Both DW and WW	R23123	1	1	1	1	0.1	ECY22-3139	Not Approved.		
MATH-001	Unit Conversions	Both DW and WW	Not Approved.	0	0	0	0	0.0	Not Approved	bhgd-1wpg	0.5	0.5
MATH-002	Geometry	Both DW and WW	Not Approved.	0	0	0	0	0.0	Not Approved	a7ij-muvr	0.5	0.5
MATH-003	Chemical Dosing	Both DW and WW	Not Approved.	0	0	0	0	0.0	Not Approved	3ttg-jlqy	0.5	0.5
MATH-004	Velocity and Hydraulic Detention Time	Both DW and WW	R23124	1	1	1	1	0.1	ECY22-3140	Not Approved.		
MATH-005	Geometry and Velocity	Both DW and WW	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	Both DW and WW	Not Approved.	0	0	0	0	0.0	Not Approved	Not Approved.		
	Universal Topics											
ALL-001	Pumps	Both DW and WW	R23126	2	2	2	2	0.2	ECY22-3142	2jvn-4jvw	1.5	1.5
ALL-002	Hydraulics Basics	Both DW and WW	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	Both DW and WW	R23128	2	2	2	2	0.2	ECY22-3102	a7ij-muuq	2.0	2.0
ALL-004	Aeration Systems	WW Only										
ALL-005	Corrosion Control	Both DW and WW	R23129	0	2.5	2.5	2.5	0.2	ECY22-3103	a7ij-muut	2.0	2.0
ALL-006	Maintenance	Both DW and WW	R23130	1.5	1.5	1.5	1.5	0.1	ECY22-3104	a7ij-muuw	1.5	1.5
ALL-007	Electrical Fundamentals	Both DW and WW	R23131	1.5	1.5	1.5	1.5	0.1	ECY22-3143	Not Approved.	0.0	0.0
ALL-008	Representative Sampling	Both DW and WW	R23133	1.5	0	0	0	0.2	ECY22-3105	a7ij-muuz	0.0	1.5
ALL-009	Disinfection Byproducts	Both DW and WW	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	Both DW and WW	Not Approved.	0	0	0	0	0.0	Not Approved.	Not Approved.		
SAF-001	Trenching and Shoring	Both DW and WW	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	Both DW and WW	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	Both DW and WW										
SAF-004	Demolition Saw Safety	Both DW and WW										
	Collection Systems Topics											
COL-001	Introduction to Collections Systems	WW Only	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	WW Only	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	WW Only	R23139	0	0	0	2.5	0.2	ECY22-3111	a7ij-muv7	0.0	2.0
COL-004	Lift Stations	WW Only	R23137	0	0	0	2	0.1	ECY22-3112	53r9-ynk5	0.0	1.0
COL-005	Pretreatment and Pollution Prevention	WW Only	R23140	3	0	0	3	0.3	ECY22-3113	7nmw-sr7r	0.0	2.5
COL-006	Manholes	WW Only	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	WW Only	R23142	2	0			0.2	ECY22-3114	19xt-pi3n	0.0	1.5
WWT-002	What's In My Wastewater: Definitions and Typical Ratios	WW Only	R23143	1.5	0		1.5	0.1	ECY22-3115	a7ij-muw5	0.0	1.5
WWT-003	Preliminary Treatment	WW Only										
WWT-004	Primary Treatment (under construction)	WW Only										
WWT-005	Biological Treatment Basics	WW Only	R23144	1.5	0	0	0	0.1	ECY22-3144	Not Approved.		
WWT-006	Fixed Film: Trickling Filters and RBCs	WW Only	R23145	1.5	0	0	0	0.1	ECY22-3116	bhgd-1wpz	0.0	1.5
WWT-007	Lagoons and Wetlands	WW Only	R23146	2.5	0	0	0	0.2	ECY22-3117	8xkq-7t2h	0.0	2.0
WWT-008	Lagoons and Fixed Film	WW Only	R23147	2	0	0	0	0.2	ECY22-3118	6dp3-dpez	0.0	1.5
WWT-009	Activated Sludge Basics	WW Only	R23148	3	0	0	0	0.3	ECY22-3119	7nmw-sr91	0.0	2.5
WWT-010	Activated Sludge Basics: A Mechanical Approach	WW Only	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 Answered	WW Only	R23150	2.5	0	0	0	0.2	ECY22-3145	Not Approved.		
WWT-012A	Activated Sludge Microbiology: A View Beneath the Surface	WW Only	R23151	1	0	0	0	0.1	ECY22-3147	Not Approved.		
WWT-012B	Activated Sludge Microbiology: Microscope Basics and the	WW Only	R23152	1	0	0	0	0.1	ECY22-3148	Not Approved.		
WWT-013	Activated Sludge Microbiology: Filaments and Settling Problems	WW Only	R23153	1	0	0	0	0.1	ECY22-3122	Not Approved.		
WWT-014	Types of Activated Sludge Systems	WW Only	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	WW Only	R23155	2.5	0	0	0	0.2	ECY22-3124	2jvn-4jz3	0.0	2.0
WWT-017	Biological and Chemical Phosphorus Removal	WW Only	R23156	2	0	0	0	0.2	ECY22-3125	bhgd-1wr3	0.0	1.5
WWT-018	State Point Analysis for Secondary Clarifiers	WW Only	R23157	1.5	0	0	0	0.1	ECY22-3126	7nmw-srad	0.0	1.5
WWT-019	Activated Sludge Process Control Tests and Troubleshooting	WW Only	R23158	2.5	0	0	0	0.2	ECY22-3127	Not Approved.		
WWT-020	Chlorine Disinfection	Both DW and WW	R23159	2.5	0	0	0	0.2	ECY22-3146	Not Approved.		
WWT-021	UV Disinfection (under construction)											

Indigo Course ID	Course Title	Ohio Audience	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-022	Introduction to Solids Handling and 503 Regulations	Both DW and WW	R23160	1.5	0	0	0	0.1	ECY22-3128	Not Approved		
WWT-023	Aerobic and Anaerobic Digestion	WW Only	R23161	3	0	0	0	0.2	ECY22-3129	2jvn-4jzb	0.0	2.0
WWT-024	Belt Filter Presses	Both DW and WW	R23162	2	0	0	0	0.2	ECY22-3130	8xkq-7t49	0.0	1.5
WWT-025	Centrifuges	WW Only	R23163	2	0	0	0	0.2	ECY22-3131	8xkq-7t41	0.0	1.5
WWT-026	Odor Control	WW Only	R23165	2	0	0	2	0.2	ECY22-3132	6dp3-dphb	0.0	1.5
WWT-027	Treatment of Metal Wastestreams	WW Only	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?	WW Only	R23166	2	0	0	0	0.0	Not Approved.	Not Approved		
WWT-030	MRT for Wastewater Treatment and Collection Systems	WW Only	R23167	2.5	0	0	2.5	0.0	Not Approved.	Not Approved		
	Water Treatment & Distribution Topics											
WATER-001	Introduction to Small Water Systems	DW Only	R23168	0	1.5	1.5	0	0.0	Not Approved.	Not Approved.		
WATER-002	Water Sources Part 1	DW Only	R23169	0	1.5	1.5	0	0.0	Not Approved.	Not Approved.		
WATER-003	Water Sources Part 2	DW Only	R23170	0	1	1	0	0.0	Not Approved.	Not Approved.		
WATER-004	Drinking Water Treatment Part 1	DW Only	R23171	0	2.5	0	0	0.0	Not Approved.	Not Approved.		
WATER-005	Water Treatment Part 2 (Disinfection, Water Focus)	DW Only	R23172	0	2.5	2.5	0	0.0	Not Approved.	Not Approved.		
WATER-006	Intro to Distribution Systems	DW Only	R23173	0	0	1.5	0	0.0	Not Approved.	Not Approved.		
WATER-007	MRT Drinking Water Regulatory Course	DW Only	R23174	0	2.5	2.5	0	0.0	Not Approved.	Not Approved.		
WATER-008	Corrosion Control and Laboratory	DW Only	R23175	2	2	2	2	0.0	Not Approved.	Not Approved.		
	Laboratory Procedures											
LAB-001	Basic Chemistry	Both DW and WW	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	Both DW and WW	R23177	2	2	2	0	0.0	Not Approved	Not Approved.		
LAB-003	Laboratory - TDS, Conductivity, and Turbidity	Both DW and WW	R23178	2	2	2	2		Not Approved	Not Approved.		
LAB-004	Laboratory - Total Suspended Solids	WW Only	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)	Both DW and WW	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	Both DW and WW	Not Approved.	0	0	0	0	0.0	Not Approved	Not Approved.		
LAB-007	Laboratory - Spectroscopic Tests: Fluoride, Nitrite, and Nitrate (under construction)	Both DW and WW	Not Approved.						Not Approved	Not Approved.		
LAB-008	Laboratory - Ion-Selective Electrodes (ammonia, nitrate, fluoride) (under construction)	Both DW and WW	Not Approved.						Not Approved	Not Approved.		
LAB-009	Laboratory - Jar Testing	Both DW and WW	R23181	1	1	0	0	0.0	Not Approved	Not Approved.		
LAB-010	Laboratory Testing - Biochemical Oxygen Demand	Both DW and WW	R23182	1.5	0	0	0	0.2	ECY22-3137	Not Approved.		
LAB-011	Laboratory Testing - Total coliforms by MPN (under construction)	Both DW and WW	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
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 (under construction)						
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-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 Answered	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	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
WWT-019	Activated Sludge Process Control Tests and Troubleshooting	2023.1056	WW	2.5	Yes	2.5	No
WWT-020	Chlorine Disinfection	2023.1064	WW	2.5	Yes	2.5	No
WWT-021	UV Disinfection (under construction)						

Indigo Course ID	Course Title	Wyoming Catalog Number	Wyoming Area	Wyoming Hours	Wyoming CORE?	Wyoming Core Hours	Wyoming Rules?
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-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
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