

2023 Wastewater Exam Cram Agenda

Day 1 Topics	Start	End	Max	W	WW	I	D	C
Pumps	8:00 AM	9:30 AM	0.15	0.15	0.15	0.15	0.15	0.15
Lift Stations	9:30 AM	11:00 AM	0.15	0	0.15	0.15	0	0.15
Lunch	11:00 AM	11:45 AM						
Basic Math	11:45 AM	12:45 PM	0.1	0.1	0.1	0.1	0.1	0.1
Preliminary / Primary Treatment	12:45 PM	3:15 PM	0.25	0	0.25	0.25	0	0
Backflow Preventers	3:15 PM	3:45 PM	0.05	0.05	0.05	0.05	0.05	0.05
Gimkit Review	3:45 PM	4:15 PM	0.05	0	0.05	0.05	0	0
Day 1 Total			0.75	0.3	0.75	0.75	0.3	0.45
Day 2 Topics	Start	End	Max	W	WW	I	D	C
Lagoons	8:00 AM	9:30 AM	0.15	0:00	0.15	0.15	0	0
Fixed Film	9:30 AM	11:00 AM	0.15	0.15	0.15	0.15	0	0
Lunch	11:00 AM	11:45 AM	0.2	0.2	0.2	0.2	0.2	0
Disinfection	11:45 AM	1:45 PM						
Intro to Activated Sludge	1:45 PM	2:45 PM	0.1	0	0.1	0.1	0	0
Aerobic Digestion	2:45 PM	3:15 PM	0.05	0	0.05	0.05	0	0
Laboratory Testing - pH, alkalinity, and l	3:15 PM	3:45 PM	0.05	0	0.05	0.05	0	0
Laboratory Testing - Total Suspended Solids	3:45 PM	4:15 PM	0.05	0.05	0.05	0.05	0	0
Day 2 Total			0.75	0.4	0.75	0.75	0.2	0
Day 3 Topics	Start	End	Max	W	WW	I	D	C
Biological Treatment Basics	8:00 AM	9:00 AM	0.1	0	0.1	0.1	0	0
Activated Sludge Process Control	9:00 AM	11:00 AM	0.2	0	0.2	0.2	0	0
Activated Sludge Microbiology	11:00 AM	12:00 PM	0.1	0	0.1	0.1	0	0
Lunch	12:00 PM	12:45 PM						
Activated Sludge Math	12:45 PM	1:45 PM	0.1	0.1	0.1	0.1	0.1	0.1
Nitrogen Removal	1:45 PM	3:15 PM	0.15	0.15	0.15	0.15	0	0
Phosphorus Removal	3:15 PM	4:15 PM	0.1	0	0.1	0.1	0	0
Day 3 Total			0.75	0.25	0.75	0.75	0.1	0.1
Day 4 Topics	Start	End	Max	W	WW	I	D	C
Anaerobic Digestion	8:00 AM	10:30 AM	0.25	0	0.25	0.25	0	0
Thickening	10:30 AM	11:30 AM	0.1	0.1	0.1	0.1	0	0
Lunch	11:30 AM	12:15 PM						
Solids Handling Math	12:15 PM	1:15 PM	0.1	0.1	0.1	0.1	0.1	0.1
Dewatering - Centrifuges	1:15 PM	2:15 PM	0.1	0.1	0.1	0.1	0.1	0.1
Dewatering - Belt Filter Presses	2:15 PM	3:45 PM	0.15	0.15	0.15	0.15	0.15	0.15
Odor Control	3:45 PM	4:15 PM	0.05	0.05	0.05	0.05	0	0.05
Day 4 Total			0.75	0.5	0.75	0.75	0.35	0.4
Total TUs Possible			3	1.45	3	3	0.95	0.95