

Metro 4/SESARM

EPA APTI 413

Control of Particulate Matter Emissions

May 14-17, 2019

Frankfort, Kentucky

COURSE AGENDA

DAY/TIME	SUBJECT	Instructor: Dr. Jerry Crowder
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Tuesday, May 14		
9:00	Welcome and Registration	
9:30	Pre-Test	
10:00	BREAK	
10:15	Course Overview	
10:30	Review of Basic Concepts	
12:00	LUNCH	
1:00	Particulate Matter Formation and Regulation	
1:45	Particle Sizing	
2:30	BREAK	
2:45	Particle Sizing (continued)	
3:30	Particle Collection Mechanisms	
4:30	ADJOURN	
<i>HOMEWORK: Read Chapters 1-4, Student Manual; Review Problems</i>		

Wednesday, May 15		
9:00	Particle Collection Mechanisms (continued)	
10:00	Settling Chambers	
10:30	BREAK	
10:45	Settling Chambers (continued)	
11:00	Cyclones	
12:00	LUNCH	
1:00	Cyclones (continued)	
2:30	BREAK	
2:45	Fabric Filters	
4:30	ADJOURN	
<i>HOMEWORK: Read Chapters 5-7, Student Manual; Review Problems</i>		

Thursday, May 16	
9:00	Fabric Filters (continued)
10:30	BREAK
10:45	Wet Scrubbers
12:00	LUNCH
1:00	Wet Scrubbers (continued)
2:30	BREAK
2:45	Electrostatic Precipitators
4:00	Pre-Test Review
4:30	ADJOURN
<i>HOMEWORK: Read Chapters 8-10, Student Manual; Review Problems</i>	

Friday, May 17	
9:00	Electrostatic Precipitators (continued)
10:30	BREAK
10:45	Hoods and Fans
12:00	LUNCH
1:00	Post-Test
2:30	Course Critique
3:00	ADJOURN

estimated not to exceed \$20.00.