

# Course 413

## Control of Particulate Matter Emissions

February 7-10, 2017

### AGENDA

**LOCATION**  
Windsor Heights, Iowa

**MODERATOR**  
J.W. Crowder

DAY & TIME	SUBJECT	SPEAKER
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#### ***Tuesday, February 7***

9:00	Welcome and Registration	J. Crowder
9:30	Pre-Test	
10:00	BREAK	
10:15	Course Overview	J. Crowder
10:30	Review of Basic Concepts	J. Crowder
12:00	LUNCH	
1:00	Particulate Matter Formation and Regulation	J. Crowder
1:45	Particle Sizing	J. Crowder
2:30	BREAK	
2:45	Particle Sizing (cont'd)	J. Crowder
3:30	Particle Collection Mechanisms	J. Crowder
4:30	ADJOURN	

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*HOMEWORK: Read Chapters 1-4, Student Manual; Review Problems*

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#### ***Wednesday, February 8***

9:00	Particle Collection Mechanisms (cont'd)	J. Crowder
10:00	Settling Chambers	J. Crowder
10:30	BREAK	
10:45	Settling Chambers (cont'd)	J. Crowder
11:00	Cyclones	J. Crowder
12:00	LUNCH	
1:00	Cyclones (cont'd)	J. Crowder
2:30	BREAK	
2:45	Fabric Filters	J. Crowder
4:30	ADJOURN	

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*HOMEWORK: Read Chapters 5-7, Student Manual; Review Problems*

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#### ***Thursday, February 9***

9:00	Fabric Filters (cont'd)	J. Crowder
10:30	BREAK	
10:45	Wet Scrubbers	J. Crowder
12:00	LUNCH	

DAY & TIME	SUBJECT	SPEAKER
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**Thursday, February 9 (cont'd)**

1:00	Wet Scrubbers (cont'd)	J. Crowder
2:30	BREAK	
2:45	Electrostatic Precipitators	J. Crowder
4:00	Pre-Test Review	J. Crowder
4:30	ADJOURN	

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*HOMEWORK: Read Chapters 8-10, Student Manual; Review Problems*

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**Friday, February 10**

9:00	Electrostatic Precipitators (cont'd)	J. Crowder
10:30	BREAK	
10:45	Hoods and Fans	J. Crowder
12:00	LUNCH	
1:00	Post-Test	
2:30	Course Critique	
3:00	ADJOURN	

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