

# Course 413

## Control of Particulate Matter Emissions

Five, 4 hour days, 2021 thru 2023

### AGENDA

#### LOCATION

On-line Internet  
Virtual

#### INSTRUCTOR

William J, Franek, Ph.D., P.E. DEE  
Louis DeRose: J.D., M.S., P.E.

DAY & TIME	SUBJECT	SPEAKER
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#### **Monday**

9:00	Welcome and Registration	W. Franek
9:15	Review of Basic Concepts	L. DeRose
10:45	BREAK	
11:00	Particulate Matter Formation and Regulation	L. DeRose
12:30	Particle Sizing	W. Franek
1:00	ADJOURN	

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

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#### **Tuesday**

9:00	Particle Sizing (cont.)	W. Franek
10:00	Particle Collection Mechanisms	L. DeRose
10:45	BREAK	
11:00	Particle Collection Mechanism (cont.)	L. DeRose
11:45	Settling Chambers	L. DeRose
12:15	Cyclones	W. Franek
1:00	ADJOURN	

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

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#### **Wednesday**

9:00	Cyclones (cont'd)	W. Franek
9:45	Fabric Filters	W. Franek
10:45	BREAK	
11:00	Fabric Filters (cont'd)	W. Franek
1:00	ADJOURN	

DAY & TIME	SUBJECT	SPEAKER
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**Thursday**

9:00	Fabric Filters (cont'd)	W. Franek
9:30	Wet Scrubbers	W. Franek
10:45	BREAK	
11:00	Wet Scrubbers (cont'd)	W. Franek
12:00	Electrostatic Precipitators	L. DeRose
1:00	ADJOURN	

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

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**Friday**

9:00	Electrostatic Precipitators	L. DeRose
10:30	BREAK	
10:45	Hoods and Fans	W. Franek
1:00	ADJOURN	

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William J. Franek, Ph.D., P.E., DEE  
 William J. Franek, LLC  
 6807 West 64<sup>th</sup> Place  
 Chicago, IL 60638  
 Tel: 312-919-0341  
 E-mail: [billfranek@gmail.com](mailto:billfranek@gmail.com)

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Louis DeRose: J.D., M.S., P.E.  
 Attorney at Law  
 221 Orchard Lane  
 Glen Ellyn, IL 60137  
 E-mail: [louderose@yahoo.com](mailto:louderose@yahoo.com)