

CCOPS

April 4-7, 2022

SYLLABUS

Monday

8:00 – 10:00	Intro to Centrifugal Compressors	Sorokes
10:00 – 10:15	<i>Break</i>	
10:15 – 12:00	Aerodynamic Performance	Sorokes
12:00 – 1:00	<i>Lunch Break</i>	
1:00 – 3:00	Aerodynamics Performance cont.	Sorokes
3:00 – 3:15	<i>Break</i>	
3:15 – 5:00	Aerodynamics Performance conclusion	Sorokes

Tuesday

8:00 – 10:00	Project Considerations and Compressor Selection	Sandberg
10:00 – 10:15	<i>Break</i>	
10:15 – 12:00	Compressor Drivers and Performance Characteristics	Sandberg
12:00 – 1:00	<i>Lunch Break</i>	
1:00 – 3:00	Compressor System Arrangement and Operating Characteristics	Sandberg
3:00 – 3:15	<i>Break</i>	
3:15 – 5:00	Compressor Layout, Testing and Installation	Sandberg

Wednesday

8:00 – 10:00	Rotordynamics	Moore
10:00 – 10:15	<i>Break</i>	
10:15 – 12:00	Seals	Moore
12:00 – 1:00	<i>Lunch Break</i>	
1:00 – 3:00	Impeller Stress and Modal Analysis	Moore

Thursday

8:00 – 10:00	Understanding surge Control methods, pages 1-23	Jumonville
10:00 – 10:15	<i>Break</i>	
10:15 – 12:00	Surge Control Methods, pages 24-50	Jumonville
12:00 – 12:00	<i>Lunch Break</i>	
1:00 – 3:00	Tuning demo and Magnetic Bearings, pages 51-71	Jumonville