



METALLURGICAL AND MATERIALS ENGINEERING PROFESSIONAL ENGINEER (PE) LICENSING EXAM REVIEW COURSE



August 16–19, 2017 • Pittsburgh, Pennsylvania, USA Course Agenda As of 7/17/17

<u>Start Time</u>	<u>End Time</u>	<u>Lecture Title</u>	<u>Instructor</u>	<u>Exam Specification</u>
Wednesday, August 16				
12:00 PM	12:30 PM	Registration		
12:30 PM	1:30 PM	Introductions and Exam Format Review	Chuck White	
1:00 PM	3:30 PM	Mechanical States of Stress	Indrajit Charit	Performance
3:30 PM	3:45 PM	Break		
3:45 PM	5:15 PM	Processing	Chuck White	Processing
5:15 PM	5:30 PM	Questions/Adjourn		
Thursday, August 17				
7:30 AM	8:00 AM	Registration		
8:00 AM	9:30 AM	Mechanical Behavior of Composites	Indrajit Charit	Properties
9:30 AM	9:45 AM	Break		
9:45 AM	11:00 AM	Mechanical Behavior of Composites, continued	Indrajit Charit	Properties
11:00 AM	12:00 PM	Corrosion Mechanisms and Environmental Compatibility	Chuck White	Performance
12:00 PM	1:00 PM	Lunch		
1:00 PM	2:30 PM	Corrosion Mechanisms and Environmental Compatibility, Continued	Chuck White	Performance
2:30 PM	2:45 PM	Break		
2:45 PM	5:15 PM	Basics, Crystal Structure, Imperfection Slip Systems, Phase Diagrams	Dana Medlin	Structure
5:15 PM	5:30 PM	Questions/Adjourn		
Friday, August 18				
7:30 AM	8:00 AM	Registration		
8:00 AM	9:30 AM	Physical Metallurgy Microstructure Chemical Analysis, Hardenability Calculations	Dana Medlin	Properties
9:30 AM	9:45 AM	Break		
9:45 AM	12:00 PM	Performance	Erik Mueller	Performance
12:00 PM	1:00 PM	Lunch		
1:00 PM	2:00 PM	Non Destructive Testing (NDT)	Dana Medlin	Performance
2:00 PM	2:45 PM	Testing and Analysis	Erik Mueller	Performance
2:45 PM	3:00 PM	Break		
3:00 PM	4:45 PM	Testing and Analysis, Continued	Erik Mueller	Performance
4:45 PM	5:00 PM	Questions/Adjourn		



METALLURGICAL AND MATERIALS ENGINEERING PROFESSIONAL ENGINEER (PE) LICENSING EXAM REVIEW COURSE



Saturday, August 19				
7:30 AM	8:00 AM	Registration		
8:00 AM	10:00 AM	Statistics	Steve Sopher	Performance
10:00 AM	10:15 AM	Break		
10:15 AM	12:00 PM	Joining and Surface	Chuck White	Processing
12:00 PM	1:00 PM	Lunch		
1:00 PM	2:30 PM	Polymers	Steve Sopher	Processing
2:30 PM	3:00 PM	Wrap Up and Evaluations/Adjourn	Chuck White	