



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



2019 Professional Engineer (PE) Licensing Review Course Agenda

As of June 10, 2019

<u>Start Time</u>	<u>End Time</u>	<u>Lecture Title</u>	<u>Instructor</u>	<u>Exam Specification</u>
Wednesday, August 14				
		Lunch on Own Prior to Start of Registration		
12:00 PM	12:30 PM	Registration		
12:30 PM	1:30 PM	Introductions and Exam Format Review	Charles White	
1:30 PM	3:30 PM	Processing and Phase Diagrams	Charles White	Structure & Processing
3:30 PM	3:45 PM	Break		
3:45 PM	5:30 PM	Basics, Crystal Structure, Imperfection Slip Systems	Eric Weishaupt	Structure
5:30 PM	5:45 PM	Questions/Adjourn		
Thursday, August 15				
7:30 AM	5:00 PM	Registration and Course Assistance		
8:00 AM	10:00 AM	Mechanical/States of Stress	Eric Weishaupt	Performance
10:00 AM	10:15 AM	Break		
10:15 AM	11:15 AM	Mechanical Behavior of Ceramics and Composites	Eric Weishaupt	Performance
11:15 AM	12:30 PM	Statistics	Steve Sopher	Performance
12:30 PM	1:30 PM	Lunch		
1:30 PM	3:30 PM	Statistics, continued	Steve Sopher	Performance
3:30 PM	3:45 PM	Break		
3:45 PM	5:00 PM	Welding and Joining	Eric Weishaupt	Processing
5:00 PM	5:30 PM	Questions/Adjourn		
Friday, August 16				
7:30 AM	5:15 PM	Registration and Course Assistance		
8:00 AM	10:00 AM	Physical Metallurgy Microstructure Hardenability Calculations	Erik Mueller	Properties

10:00 AM	10:15 AM	Break		
10:15 AM	12:15 AM	Corrosion Mechanisms and Environmental Compatibility	Charles White	Performance
12:15 PM	1:00 PM	Lunch		
1:00 PM	2:00 PM	Corrosion Design	Charles White	Performance
2:00 PM	3:30 PM	NDT - Chemical Analysis	Erik Mueller	Performance
3:30 PM	3:45 PM	Break		
3:45 PM	5:00 PM	Coatings and Surface Technology	Charles White	Performance
5:00 PM	5:30 PM	Questions/Adjourn		
Saturday, August 17				
7:30 AM	3:30 PM	Registration and Course Assistance		
8:00 AM	10:00 AM	Performance	Erik Mueller	Performance
10:00 AM	10:15 AM	Break		
10:15 AM	12:00 PM	Polymers	Steve Sopher	Processing
12:00 PM	12:30 PM	Lunch		
12:30 PM	2:30 PM	Testing and Analysis	Erik Mueller	Processing
2:30 PM	3:30 PM	Wrap Up and Evaluations/Adjourn	Charles White	