

Semtrain 2023, Live, On-line and In-Person, Engineering PDH Courses/Seminars

Live, On-line, Courses

- 1. DC Electricity Principles, Practice, and Applications - DC is Ubiquitous and Indispensable (4-PDH)** - A Live Course on Essential Fundamentals of Theoretical and Practical DC Electricity – Designed to benefit engineers of all disciplines. Fee: \$215. Call (704) 477-9166 or (704) 692-6419 for queries or registration by phone. Schedule: **3/31/2023; 6/2/2023; 10/17/2023; 11:00 AM – 3:00 PM, ET.**
- 2. Renewable Wind Energy – Past, Present, and the Future (4-PDH).** A Live Seminar on Essential Fundamentals of Wind Energy - Designed to benefit engineers of all disciplines. Fee: \$215. Call (704) 477-9166 or (704) 692-6419 for queries or registration by phone. Schedule: **5/18/2023; 9/11/2023; 12/19/2023; 11:00 AM – 3:00 PM, ET.**
- 3. AC Electricity Principles, Practice, and Applications - A Live Course on Essential Fundamentals of Theoretical and Practical AC Electricity and its Applications -** Designed to benefit engineers of all disciplines (5-PDH). Fee: \$250. Call (704) 477-9166 or (704) 692-6419 for queries or registration by phone. Schedule: **5/16/2023; 9/26/2023; 12/8/2023; 11:00 AM – 4:00 PM, ET**
- 4. Thermodynamics and HVAC Principles & Practice (8-PDH);** Presented over two Consecutive 4-Hr Days. A Course on Essential Fundamentals of Thermodynamics and HVAC Principles - Designed to benefit engineers of all disciplines. Fee: \$415. Call (704) 477-9166 or (704) 692-6419 for queries or registration by phone. Schedule: **6/22 and 6/23/2023; 11/9 & 11/10/2023; 11:00 AM – 3:00 PM ET**
- 5. Electrical Power and Controls (8-PDH);** Presented over two Consecutive 4-Hr Days - Designed to benefit engineers of all disciplines. Fee: \$415. Call (704) 477-9166 or (704) 692-6419 for queries or registration by phone. Schedule: **6/12 & 6/13/2023, 12/20 & 12/21/2023; 11:00 AM – 3:00 PM ET**
- 6. Safety Hot Topics - Debunking the Myths, for Engineers (8-PDH).** Presented over two Consecutive 4-Hr Days. Designed to benefit engineers of all disciplines. Fee: \$415. Call (704) 477-9166 or (704) 692-6419 for queries or registration by phone. Schedule: **2/1/2023, 8:30 AM – 5:00 PM ET. The 8-PDH, 1-Day, Version.** Presented over two Consecutive 4-Hr Days **on 7/10 & 7/11/2023; 11:00 AM – 3:00 PM ET**
- 7. Engineering Ethics, 2-PDH - A Course on Engineering Ethics and Engineering Code of Conduct for Professional Engineers.** Designed to benefit engineers of all disciplines. Fee: \$99. Call (704) 477-9166 or (704) 692-6419 for queries or registration by phone. Schedule: **2/14/2023; 6/29/2023; 12/6/2023, at 12:00 PM – 2:00 PM, ET**
- 8. Plant Maintenance Engineering & Management (8-PDH);** Presented over two Consecutive 4-Hr Days. (AKA - Facilities Management for Engineers) - Designed to

benefit engineers of all disciplines. Fee: \$415. Call (704) 477-9166 or (704) 692-6419 for queries or registration by phone. Schedule: **7/20 & 7/21/2023; 11:00 AM – 3:00 PM ET**

9. **How to be an Expert Witness, 2-PDH's - So, You've Been Called as an Expert Witness? What to Expect & How to Prepare.** Designed to benefit engineers of all disciplines. Fee: \$99. Call (704) 477-9166 or (704) 692-6419 for queries or registration by phone. Schedule: **2/24/2023; 7/18/2023. 11:00 AM – 1:00 PM, ET.**
10. **Top Proven Renewable Energy and Energy Storage Technologies (8-PDH),** Presented over two Consecutive 4-Hr Days - A Live Seminar on Essential Fundamentals of Renewable Energy & Strategic Energy Storage Solutions - Designed to benefit engineers of all disciplines. Fee: \$415. Call (704) 477-9166 or (704) 692-6419 for queries or registration by phone. Schedule: **3/2 & 3/3/2023; 8/1 & 8/2/2023; 12/12 & 12/13/2023; 11:00 AM – 3:00 PM ET**
11. **Electrical Engineering Principles & Practice for Non-EE's (8-PDH);** Presented over two Consecutive 4-Hr Days - A Live Course on Essential Fundamentals of Theoretical and Practical Electrical Engineering - Designed to benefit engineers of all disciplines. Fee: \$415. Call (704) 477-9166 or (704) 692-6419 for queries or registration by phone. Schedule: **3/6 & 3/7/2023; 11/7 & 11/8/2023; 11:00 AM – 3:00 PM ET**
12. **Arc Flash NFPA 70E (8-PDH).** Presented over two Consecutive 4-Hr Days - A Live Seminar on Introduction and Review of Arc Flash NFPA 70 E and the 2021 Revisions to the Code - Designed to benefit engineers of all disciplines. Fee: \$415. Call (704) 477-9166 or (704) 692-6419 for queries or registration by phone. Schedule: **3/14 & 3/15/2023; 9/14 & 9/15/2023, 11:00 AM – 3:00 PM ET**
13. **Mechanical Engineering Principles and Practice for Non-ME's (8-PDH);** Presented over two Consecutive 4-Hr Days. A Live Seminar on Essential Fundamentals of Theoretical and Practical Mechanical Engineering – Designed for Engineers of All Disciplines. Fee: \$415. Call (704) 477-9166 or (704) 692-6419 for queries or registration by phone. Schedule: **4/20 & 4/21/2023; 9/12 & 9/13/2023; 11:00 AM – 3:00 PM ET**
14. **Solar Renewable Energy, 4-PDH. A Seminar on Broad Introduction and Contrast of Solar Energy Topics** - Designed to benefit engineers of all disciplines. Fee: \$215. Call (704) 477-9166 or (704) 692-6419 for queries or registration by phone. Schedule: **4/25/2023; 7/12/2023; 9/25/2023. 11:00 AM – 3:00 PM, ET.**
15. **Hydrostatics, Hydrodynamics and Hydraulic Machines (8-PDH).** Presented over two Consecutive 4-Hr Days. A Live Seminar on Basic and Intermediate Concepts, Principles and Practice of Hydrostatics and Hydrodynamics - Designed for Engineers of All Disciplines. Fee: \$415. Call (704) 477-9166 or (704) 692-6419 for queries or registration by phone. Schedule: **4/26 & 4/27/2023; 10/4 & 10/5/2023; 11:00 AM – 3:00 PM ET**
16. **Energy Management and Conservation Best Practices in Industrial, Commercial, Transportation, and Residential Sectors (8-PDH);** Presented over two Consecutive 4-Hr Days. A Live Seminar on Essential Fundamentals and Best Practices in Energy Management and Conservation in all major sectors of energy consumption. Designed to benefit engineers of all disciplines. Fee: \$415. Call (704) 477-9166 or (704) 692-6419 for

queries or registration by phone. Schedule: **5/25 & 5/26/2023; 10/9 & 10/10/2023;**
11:00 AM – 3:00 PM ET

17. **Electrical Power Transmission and Distribution (8-PDH);** Presented over two Consecutive 4-Hr Days - Designed to benefit engineers of all disciplines. Fee: \$415. Call (704) 477-9166 or (704) 692-6419 for queries or registration by phone. Schedule: **4/5 & 4/6/2023; 7/24 & 7/25/2023; 11/27 & 11/28/2023; 11:00 AM – 3:00 PM ET**
18. **Free 1-PDH Live Seminar, Renewable Energy Overview.** Fee: \$0. Call (704) 477-9166 or (704) 692-6419 for queries or registration by phone. Schedule: **7/17/2023. 11:00 AM – 12:00 PM.** Space limited.
19. **Intro to National Electrical Code, and 2023 Update (8-PDH);** Presented over two Consecutive 4-Hr Days. A Live Course on Introduction and Review of Key Articles of the National Electrical Code & The 2023 Revisions - Designed to benefit engineers of all disciplines. Fee: \$415. Call (704) 477-9166 or (704) 692-6419 for queries or registration by phone. Schedule: **2/28/2023 & 3/1/2023, 9/4 & 9/5/2023, and 11/29 & 11/30/2023;**
11:00 AM – 3:00 PM ET
20. **Engineering Projects, from Start to Finish (8-PDH);** Presented over two Consecutive 4-Hr Days. A Live Course on Proven Best Practices for Large Engineering Project Implementation, for all Engineers. Fee: \$415. Call (704) 477-9166 or (704) 692-6419 for queries or registration by phone. Schedule: **5/8 & 5/9/2023; 11:00 AM – 3:00 PM ET.**
21. **Forensics Engineering - Investigation of Failures (4 PDH) -** Designed to benefit engineers of all disciplines. Fee: \$215. Call (704) 477-9166 or (704) 692-6419 for queries or registration by phone. Schedule: **8/9/2023, 11:00 AM – 3:00 PM ET**
22. **Finance, Accounting, and Engineering Economics for Engineers and Managers (8-PDH).** A “Crash MBA” Course for Engineers and Technicians. Fee: \$415. Call (704) 477-9166 or (704) 692-6419 for queries or registration by phone. Schedule: **3/29 and 3/30/2023; 12/4/ & 12/5/2023; 11:00 AM – 3:00 PM, ET.**

Live, In-Person Courses

1. Electrical Engineering Principles & Practice for Non-EE's (8-PDH); Live, In-person, in Las Vegas

A Live Course on Essential Fundamentals of Theoretical and Practical Electrical Engineering
September 18, 2023
8:15 AM - 5:00 PM (ET)

2. Mechanical Engineering Principles and Practice for Non-ME's (8-PDH); 1-Day, Live, In-person Course, in Las Vegas

A Live Seminar on Essential Fundamentals of Theoretical and Practical Mechanical Engineering
September 20, 2023

8:15 AM - 5:00 PM (ET)

3. Solar Renewable Energy, 4-PDH, Live, In Person in, Vegas

A Seminar on Broad Introduction and Contrast of Solar Energy Topics

September 19, 2023

8:00 AM - 12:00 PM (ET)

4. Renewable Wind Energy – Past, Present, and the Future (4-PDH). Live, In Person, in Vegas

A Live Seminar on Essential Fundamentals of Wind Energy

September 19, 2023

1:00 PM - 5:00 PM (ET)