



# Unlimited PDH

## Library Platinum

**Fulfilling the unique  
needs of today's professionals**



# The PDH Library

The PDH Library Platinum is the ultimate online PDH learning program. It combines the convenience of online courses, live webinars and OnDemand Webcast and unlimited pdh credit for 12 months.

You will have full access to over 800 Live PDH webinars and online courses, so you can complete as many PDH hours as you like. New courses and webinars will be added throughout the year to keep you current with any changing laws.



We have entered into a Sponsorship agreement with the following State Engineering Boards:

- 📍 Florida (Provider #111)
- 📍 Louisiana
- 📍 Maryland
- 📍 Indiana
- 📍 North Carolina (S-0460)
- 📍 New Jersey (Provider #24GP00010800)
- 📍 New York (Provider #112)

Courses may also be submitted for PDH Credit in the following states that do not offer or require a formal sponsorship agreement:

- 📍 Alabama
- 📍 Alaska
- 📍 Arizona
- 📍 Hawaii
- 📍 Idaho
- 📍 Illinois
- 📍 Michigan
- 📍 Mississippi
- 📍 Nevada
- 📍 New Hampshire
- 📍 Rhode Island
- 📍 Virginia
- 📍 Wisconsin
- 📍 Washington
- 📍 Arkansas
- 📍 California
- 📍 Colorado
- 📍 Iowa
- 📍 Kansas
- 📍 Kentucky
- 📍 Minnesota
- 📍 Montana
- 📍 New Mexico
- 📍 North Dakota
- 📍 Oklahoma
- 📍 South Carolina
- 📍 South Dakota
- 📍 Tennessee
- 📍 Wyoming
- 📍 Connecticut
- 📍 Delaware
- 📍 Georgia
- 📍 Louisiana
- 📍 Maine
- 📍 Massachusetts
- 📍 Missouri
- 📍 Nebraska
- 📍 Ohio
- 📍 Oregon
- 📍 Pennsylvania
- 📍 Texas
- 📍 Utah
- 📍 Vermont
- 📍 West Virginia

## Topics

Our PDH Library Platinum contains courses from a variety of fields of study, so you can meet all your PDH requirements in one place. The following fields are included with your purchase of our Platinum membership.

- 🔧 Structural
- 🏥 Health & Safety
- 📅 Project Management
- ⚖️ Laws and Ethics
- ⚡ Electric Engineering
- 💡 Electrical
- 📖 Laws & Rules
- 🧪 Chemical
- 🔧 Mechanical Engineering
- 🏗️ Geotechnical
- 🏗️ Civil Engineering
- 🏭 Industrial
- 🏗️ Building Design
- 🏗️ Architecture
- 🔧 Engineering Management
- 🌡️ HVAC
- 🌱 Sustainability
- 🛢️ Petroleum



## Online Courses

Immediately access over 600 online PDH courses from a wide variety of topics. These courses contain materials in a downloadable PDF format. For your convenience you will gain instant access to your certificate of completion once you have passed the online multiple choice exam.

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## Live PDH Webinars

Our PDH Library Gold package includes access to over 100 live PDH webinars every year at various times of the day to make it easy to fit into your busy schedule. These interactive live webinars focus on the most current and critical issues in your profession and allow you to receive live PDH credit from your home or office without taking an exam.

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## Simulated Live Webcasts

Our Simulated Live Webcasts allow you to receive live PDH credit from your home or office without taking an exam! These "On Demand" webcasts focus on the most current and critical issues in your profession.

# The following Online Courses are included...

## Architectural

Course Name	PDH Credit
A Guide to Lead Exposure in the Construction Industry	3 hrs
ADA & Architectural Barriers Act Access Guidelines	9 hrs
Adhesive Bonding of Wood Materials	2 hrs
Asphalt Shingle Roofing for High-Wind Regions	1 hr
Best Practices Achieving Operational Efficiency	9 hrs
Biodeterioration of Wood	1 hr
Bridge Inspection, Maintenance and Repair	14 hrs
Cathodic Protection Systems For Civil Works Structures	5 hrs
Characteristics of Commercially Important Woods	3 hrs
Coastal Building Materials	1 hr
Coastal Building Successes and Failures	1 hr
Commercial Lumber	2 hrs
Considerations for Low Density Concrete	1 hr
Decks, Pools and Accessory Structures	1 hr
Design Guidelines and Standards for Historic Districts	3 hrs
Drying and Control of Moisture Content and Dimensional Changes	2 hrs
Electrical Design Lightning and Static Electricity Protection	2 hrs
Electrical Power Supply and Distribution	5 hrs
Enclosures and Breakaway Walls	1 hr
Energy Savers Tips on Saving Energy and Money at Home	3 hrs
Engineering and Design Evaluation and Repair of Concrete Structures	6 hrs
Engineering and Design Instrumentation for Concrete Structures	9 hrs
Engineering and Design Retaining and Flood Walls	12 hrs
Facilities Engineering Maintenance and Repair of Architectural and Structural Elements of Buildings and Structures	9 hrs
Fastenings	2 hrs
Finishing of Wood	3 hrs
Foundation in Coastal Areas	1 hr
Foundation Walls	1 hr
Historic Properties with Guidelines for Preserving, Rehabilitating, Restoring and Reconstructing Historic Buildings	12 hrs
Housewrap	1 hr
How Do Siting and Design Decisions Affect the Owner's Costs?	1 hr
Inspection, Evaluation and Repair of Hydraulic Steel Structures	5 hrs
Investigation of the Impact of Commercial Building Envelope Airtightness on HVAC Energy Use	3 hrs
Landscape Design and Planting Departments	4 hrs
Load Paths	1 hr
Lowest Floor Elevation	1 hr
Maintenance and Repair of Surface Areas	6 hrs
Maintenance of Trackage	9 hrs
Maintenance of Waterfront Facilities	1 hr
Masonry Details	1 hr
Moisture Barrier Systems	1 hr
Navy Electricity and Electronics Training Series Module 16 Intro to Test Equipment	9 hrs
Operation, Maintenance and Repair of Auxiliary Generators	5 hrs
Pile Installation	1 hr
Preventative Maintenance Facilities Engineering Buildings and Structures	4 hrs
Recommended Practice for the Design of Residential Foundations	2 hrs
Recommended Seismic Evaluation and Upgrade Criteria for Existing Welded Steel Moment-Frame Buildings	9 hrs
Reinforced Masonry Pier Construction	1 hr
Repairs, Remodeling, Additions and Retrofitting	1 hr
Risk Management Communicating with Owners and Managers of New Buildings on Earthquake Risk	7 hrs
Risk Management Series Designing for Earthquakes	9 hrs
Risk Management Series Primer for Design of Commercial Buildings to Mitigate Terrorist Attacks	5 hrs
Roof Sheathing Installation	1 hr
Roof Underlayment for Asphalt Shingle Roofs	1 hr
Roof-to-Wall Flashing	1 hr
Sanitary and Industrial Wastewater Collection Gravity Sewers and Appurtenances	3 hrs

Course Name	PDH Credit
Second Edition Typical Costs for Seismic Rehabilitation of Existing Buildings	4 hrs
Seismic Considerations for Steel Storage Racks Located in Areas Accessible to the Public	6 hrs
Selecting a Lot and Siting the Building	1 hr
Shutter Alternatives	1 hr
Soil Stabilization for Pavements	3 hrs
Soils and Geology Procedures for Foundation Design of Buildings	7 hrs
Stability Analysis of Concrete Structures	6 hrs
Summary of Coastal Construction Requirements and Recommendations	1 hr
Tile Roofing for High Wind Areas	1 hr
Tornado Risks and Hazards in Southern United States	2 hrs
Unsurfaced Road Maintenance Management	3 hrs
Use of Connectors and Brackets	1 hr
Using a Flood Insurance Rate Map (FIRM)	1 hr
V-Zone Design and Construction Certification	1 hr
Window and Door Installation	1 hr
Wire Rope Selection Criteria for Gate Operating Devices	1 hr
Wood Handbook Wood as an Engineering Material	12 hrs
Wood Preservation	2 hrs
Wood-based Composites and Panel Products	3 hrs
Wood-Pile-to-Beam Connections	1 hr
Work Safety Series Construction	3 hrs
An Introduction to Roofing Systems	2 hrs
An Introduction to Roofing Systems - Audio	1 hr
2010 ADA Standards for Accessible Design	6 hrs
An Introduction to Interior Lighting Design	2 hrs
An Intro to Communication Systems for Medical Facilities	4 hrs
An Intro to Post-Treatment and Waste Disposal for Water Desalination	3 hrs
An Introduction to Advanced Wastewater Treatment Systems	4 hrs
An Introduction to Advanced Wastewater Treatment Systems - Audio	2 hrs
An Introduction to Architectural Design Fire Stations	2 hrs
An Introduction to Architectural Design Golf Clubhouses	2 hrs
An Introduction to Architectural Design Libraries	2 hrs
An Introduction to Architectural Design Theatres Acoustics	3 hrs
An Introduction to Area Development Plans	2 hrs
An Introduction to Area Development Plans - Audio	1 hr
An Introduction to Area Drainage Systems	4 hrs
An Introduction to Area Drainage Systems - Audio	2 hrs
An Introduction to Cathodic Protection	4 hrs
An Introduction to Chemical Cleaning of Industrial Water Systems	2 hrs
An Introduction to Coatings and Paint	4 hrs
An Introduction to Cooling Buildings by Natural Ventilation	3 hrs
An Introduction to Distillation and Condensation Techniques for Water Desalination	3 hrs
An Introduction to Fire Protection Engineering for Buildings	2 hrs
An Introduction to Geotextiles in Pavement and Drainage Applications	2 hrs
An Introduction to Ion Exchange Techniques for Water Desalination	3 hrs
An Introduction to Low Impact Development	2 hrs
An Introduction to Membrane Techniques for Water Desalination	3 hrs
An introduction to Natural Ventilation for Buildings	3 hrs
An Introduction to Noise Control in Buildings	4 hrs
An Introduction to Passive Solar Design for Buildings	2 hrs
An Introduction to Precision Measurement Laboratories	3 hrs
An Introduction to Pretreatment Desalination	3 hrs
An Introduction to Sustainable Design for Buildings	2 hrs
An Introduction to Sustainable Design for Buildings - Audio	2 hrs
An Introduction to the Fundamentals of Acoustics and Vibrations - Audio	1 hr
An Introduction to Tropical Engineering Building Envelope	2 hrs
An Introduction to Tropical Engineering Mechanical, Electrical and Miscellaneous	2 hrs
Atomic Energy Act	2 hrs
Bridge Inspection, Maintenance, and Repair	7 hrs

# The following Online Courses are included...

## Architectural

Course Name	PDH Credit
Bridge Maintenance	6 hrs
Common ADA Errors and Omissions in New Construction and Alterations	2 hrs
Ethical Issues From St. Francis Dam Collapse	2 hrs
Ethical Issues from the Kansas City Hyatt Disaster	2 hrs
Ethical Issues from the Tacoma Narrows Bridge Collapse	2 hrs
Ethical Issues in Design-Build	2 hrs
Ethical Issues in Design-Build - Audio	1 hr
Firefighting Precautions at Facilities with Combustible Dust	4 hrs
Foundations in Expensive Soils	5 hrs
Fuel Cells - Green Power	3 hrs
Green Building Rating System for New Construction and Major Renovations	4 hrs
How You Can Become Registered As An Architectural Engineer	2 hrs
Hydraulic Jumps and Non-Uniform Open Channel Flow	2 hrs
Implementing Design-Build in the Public Sector	2 hrs
Low Density Concrete Construction Considerations	1 hr
Low Density Concrete Properties	1 hr
Maintenance of Concrete	1 hr
Musts for Underground Storage Tanks	2 hrs
Oil Spill Clean-up for Workers	3 hrs
Pipe Flow/Frictions Factor Calculations with Excel	3 hrs
Promoting Seismic Safety Guidance for Advocates	3 hrs
Wire Rope Selection for Gate Operating Devices	2 hrs

## Building Design

Course Name	PDH Credit
Accessible Routes Rule	2 hrs
ADA General Site and Building Elements	1 hr
An Intro to Building Design Specifications and Tools	4 hrs
An Introduction to Central Heating Plant Planning	3 hrs
EPA Indoor Air Quality Building Education and Assessment Guidance	6 hrs
Guidelines for Selecting Cool Roofs	2 hrs
Identifying Hazards in Coastal Sites	6 hrs
International Plumbing Code A Guide For Use and Adoption	4 hrs
Lightning Protection for Structures	5 hrs
Radon Prevention in the Design and Construction of Schools and Other Large Buildings	4 hrs
Spectrally Selective Window Glazings	4 hrs

## Chemical

Course Name	PDH Credit
Adsorbion	4 hrs
An Intro to Diesel-Electric Plants	4 hrs
Cadmium	2 hrs
Controlling Vocs Using Carbon Adsorbers	4 hrs
Corrosion Theory	4 hrs
Electrical Design, Cathodic Protection	4 hrs
Ethylene Oxide (EtO)	2 hrs
Fundamentals of Chemistry	5 hrs
Hazards of Chemicals and Gases	5 hrs
Hexavalent Chromium	2 hrs
Methylene Chloride	2 hrs
Natural Gas Pipeline Flow Calculations	3 hrs
Nitrogen Oxides (Nox), Why And How They Are Controlled	4 hrs
Principles of Water Treatment	3 hrs
Reactor Water Chemistry	3 hrs
Test Instruments and Measuring Devices	2 hrs

## Civil Engineering

Course Name	PDH Credit
ADA Recreation Facilities Rules	2 hrs
ADA Standards for Accessible Design	8 hrs
An Intro to Applications of Carbon Adsorption for Waste Treatment	3 hrs
An Intro to Constructing and Maintaining Cathodic Protection Systems	3 hrs
An Intro to Construction of Arch Dams	3 hrs
An Intro to Design of Dewatering Systems	3 hrs
An Intro to Domestic Wastewater Treatment	2 hrs
An Intro to Hydroelectric Power Plant Structures	3 hrs
An Intro to Manual Layout of Arch Dams	3 hrs
An Intro to Microbiological and Corrosion Control in Cooling Water Systems	3 hrs
An Intro to Pavement Design in Seasonal Frost Conditions	5 hrs
An Intro to Pavement Overlays	3 hrs
An Intro to Seepage, Slope and Settlement for Levees	3 hrs
An Intro to Water Supply, Treatment & Storage in Cold Regions	3 hrs
An Introduction to Applications and Limitations of Adsorption Technologies	3 hrs
An Introduction to Asphalt Concrete Pavement Recycling - Audio	1 hr
An Introduction to Cathodic Protection Concepts - Audio	1 hr
An Introduction to Cathodic Protection Inspection and Testing - Audio	2 hrs
An Introduction to Design of Solar Water Heating Systems	3 hrs
An Introduction to Dewatering and Groundwater Control Systems Installation and Operation	3 hrs
An Introduction to Domestic Wastewater Treatment - Audio	1 hr
An Introduction to Drainage Pipe Strength, Cover and Bedding	2 hrs
An Introduction to Flexible Pavement Design	2 hrs
An Introduction to Generator Voltage, Station Service and Control Systems for Hydroelectric Power Plants	3 hrs
An Introduction to Geotextiles in Pavement and Drainage Applications - Audio	2 hrs
An Introduction to High Temperature Water Heating Plants	4 hrs
An Introduction to Hydraulic Design of Culverts	3 hrs
An Introduction to Hydraulic Design of Sewers	2 hrs
An Introduction to Identification and Classification of Soil and Rock	4 hrs
An Introduction to Impressed Current Cathodic Protection - Audio	1 hr
An Introduction to Laboratory Testing of Soils	2 hrs
An Introduction to Petroleum Fuel Facilities Marine Fueling Facilities	3 hrs
An Introduction to Planning Solar Water Heating Systems	3 hrs
An Introduction to Preliminary Wastewater Treatment	4 hrs
An Introduction to Principles of Pavement Drainage	3 hrs
An Introduction to Rigid Pavement Design	2 hrs
An Introduction to Road Design in Cold Regions	3 hrs
An Introduction to Roller-compacted Concrete Protection - Audio	3 hrs
An Introduction to Sacrificial Anode Cathodic Protection - Audio	1 hr
An Introduction to Sanitary Landfills	2 hrs
An Introduction to Secondary Wastewater Treatment	4 hrs
An Introduction to Security Fences	3 hrs
An Introduction to Sludge Handling, Treatment and Disposal	4 hrs
An Introduction to Small Flow Waste Treatment Systems	2 hrs
An Introduction to Soil Grouting	2 hrs
An Introduction to Soil Stabilization Construction Procedures	3 hrs
An Introduction to Soil Stabilization for Pavement	2 hrs
An Introduction to Solar Cooling Systems	2 hrs
An Introduction to Solar Energy System Fundamentals	3 hrs
An Introduction to Solar Water Heating Systems - Audio	1 hr
An Introduction to Steam Generators	3 hrs
An Introduction to Water Desalination	2 hrs
An Introduction to Water Supply Systems - Audio	2 hrs
An Introduction to Water Supply Systems Operation and Maintenance	3 hrs
An Introduction to Water Treatment	4 hrs
Analysis and Design of Dams for Earthquakes	5 hrs
Area Contingency Planning	3 hrs
Bottomless Culvert Scour Study	4 hrs
Building Structures Near Fill in or Flood Hazard Areas	1 hr
California Trenching and Shorting Manual	1 hr
Causes of Distress and Deterioration of Concrete	2 hrs

# The following **Online Courses** are included...

## Civil Engineering

Course Name	PDH Credit
Construction Site Stormwater Runoff Control	8 hrs
Countermeasures for Traffic Signals and Pedestrian Crashes	1 hr
Cross-Connection Control Safety	2 hrs
Design an Effective Storm Water Pollution Prevention Plan	2 hrs
Design and Construction of Levees	6 hrs
Design of Commercial Buildings to Mitigate Terrorist Attacks	4 hrs
Design of Conduits, Culverts, and Pipes	8 hrs
Design of Small Water Systems	8 hrs
Design Parameters for Safe Rooms and Shelters	5 hrs
Determination of Site Specific Loads for Residential Buildings in Coastal Areas	6 hrs
Distress Identification Manual for Long-Term Pavement Performance Program	6 hrs
Effectiveness of Countermeasures for Roadway Departure Crashes	1 hr
Effects of Inlet Geometry on Hydraulic Performance of Box Culverts	5 hrs
Electric Power Plant Design	5 hrs
Engineering and Design - Sanitary and Industrial Wastewater Collection	4 hrs
Engineering and Design - Sanitary Landfill	4 hrs
Engineering and Design of Military Ports	5 hrs
Environmentally Sensitive Maintenance for Dirt and Gravel Roads	4 hrs
Excavations	2 hrs
FHWA Countermeasures for Intersection Crashes	1 hr
FHWA Turbo Roundabouts	2 hrs
General Design and Construction Considerations for Earth and Rock-Fill Dams	3 hrs
General Provisions and Geometric Design for Roads, Streets, Walks and Open Storage Areas	2 hrs
Geothermal Energy Power from the Depths	1 hr
Gravel Roads Construction and Maintenance Overview	8 hrs
Groundwater Resources - Springs and Wells	4 hrs
Guide to Plant Materials	5 hrs
Guide to Residential Heat Pumps	1 hr
Guide to Structures and Properties of Metals	5 hrs
Guide to Thermal Stress and Brittle Fractures	2 hrs
Guidelines for the Evaluation and Repair of Residential Foundations	1 hr
History of Coastal Engineering	2 hrs
History of The Gulf Intracoastal Waterways	3 hrs
Hot Mix Asphalt Spray and Surface Applications	3 hrs
Ice Forces on Structures	2 hrs
Implementing Complete Streets Strategies	3 hrs
Inspection of Highway and Rail Transit Tunnels	9 hrs
Intro to Field Explorations for Foundations	3 hrs
Introduction to Hot Mix Asphalt for Pavements	4 hrs
Land Treatment Systems Operation and Maintenance	3 hrs
Leak Detection and Repair	2 hrs
Leak Detection Methods for Petroleum USTs and Piping	3 hrs
Low Cost Shore Protection	7 hrs
Maintenance of Waterfront Facilities	4 hrs
Materials and Methods of Corrosion Control of Reinforced and Prestressed Concrete	8 hrs
Mechanical Properties of Wood	3 hrs
Occupational Safety and Health Admin Labor Subpart R - Steel Erection	1 hr
Pavement Maintenance Management	5 hrs
Physical Properties and Moisture Relations of Wood	1 hr
Preservation Standards for Historic Buildings	4 hrs
Rational Method Hydrologic Calculations with Excel	3 hrs
Rehabilitation of Sewer and Water Mains	3 hrs
Repair of Rigid Pavements Using Epoxy Resin Grouts, Mortars and Concretes	1 hr
Sewer Sediment and Control - A Management Practices Reference Guide	5 hrs
Sharp-Crested Weirs for Open Channel Flow Measurement	2 hrs
Silica Exposure in Sandblasting, Construction and other Occupations	2 hrs
Site Planning and Design	2 hrs
Standard Practice for Concrete Pavement	2 hrs
Standard Practice for Sealing Joints and Cracks in Rigid and Flexible Pavements	2 hrs
Statics - Vector Mechanics	4 hrs

Course Name	PDH Credit
Stormwater Management for TMDLs in an Arid Climate	4 hrs
The Inside Story A Guide to Indoor Air Quality	3 hrs
The Safe System Approach to Traffic Safety	2 hrs
Types and Functions of Coastal Structures	3 hrs
Underground Construction (Tunneling)	2 hrs
Uniform Open Channel Flow and the Manning Equation	2 hrs
Urban Hydrology	4 hrs
USACE Bridge Safety Program	2 hrs
Use of Wood in Buildings and Bridges	1 hr
Wastewater Characteristics, Flow and Transport and Fate of Pollutants in the Receiving Environment	7 hrs

## Electrical

Course Name	PDH Credit
2022 Grid Energy Storage Technology Cost and Performance Assessment	3 hrs
AC Generators and Motors	1 hr
Advantages of Electricity Storage to the Electric Grid	2 hrs
An Intro to Electrical Systems for Medical Facilities	4 hrs
An Intro to Lightning and Static Electricity Protection	3 hrs
An Intro to Operations and Maintenance of Auxiliary Power Systems	3 hrs
An Intro to Switchgear Auxiliary Power Systems	3 hrs
An Introduction to Electric Power Requirements for Buildings	2 hrs
An Introduction to Electric Power Requirements for Buildings - Audio	1 hr
An Introduction to Electrical Generators for Power Plants	3 hrs
An Introduction to Electrical Safety Aerial Lines	3 hrs
An Introduction to Electrical Safety Underground and Low Voltage Interior	3 hrs
An Introduction to Fiber Optics	2 hrs
An Introduction to Interior Electrical Distribution Systems	3 hrs
An Introduction to Interior Electrical Distribution Systems - Audio	1 hr
An Introduction to The Smart Grid	2 hrs
Basic DC Theory	2 hrs
Basic Electrical Theory	4 hrs
Buying An Energy-Efficient Electric Motor	1 hr
Capacitance	4 hrs
Concepts of Alternating Current	2 hrs
Control of Hazardous Energy	2 hrs
Controlling Electrical Hazards	2 hrs
Cost, Performance & Maturity of Battery and Other Electricity Storage Technologies	5 hrs
DC Circuits	5 hrs
Designing with Microcontrollers	3 hrs
Digital Design Combinational Logic	6 hrs
Direct Current Circuits Fundamentals	6 hrs
Electrical Distribution Systems	2 hrs
Electrical Science	4 hrs
Electrical Theory Fundamentals	5 hrs
Energy Management for Motor Driven Systems	8 hrs
Facilities Engineering-Electrical Exterior Facilities	7 hrs
Finite State Machines	2 hrs
Flywheels for Rapid Response Regulation of Electricity Grid	1 hr
Grid Services Concepts, Requirements and Provision from Wind	3 hrs
Ground-Fault Protection on Construction Sites	1 hr
Hydraulic Jumps and Non-uniform Open Channel Flow	2 hrs
Inductance	3 hrs
Inductive and Capacitive Reactance	2 hrs
Introduction to Batteries	3 hrs
Introduction to Electron Tubes	4 hrs
Introduction to Solar Energy	4 hrs
Introduction to Solid State Semiconductors Diodes	5 hrs
Introduction to Transistors	4 hrs

# The following Online Courses are included...

## Electrical

Course Name	PDH Credit
Matter, Energy and Electricity	4 hrs
Moore's Law & Exponential Growth	2 hrs
Novel Technologies for Bulk Energy Storage	5 hrs
NREL Residential Solar Plus Storage Systems	2 hrs
Power Supplies Basics	4 hrs
Power Technologies Energy Data Book	4 hrs
Resistive DC Circuits	5 hrs
Self Driving Cars - What Can We Expect	4 hrs
The Basics of Microcontrollers	4 hrs
The Smart Grid An Introduction	3 hrs
Transformers	4 hrs
Wireless Power Transfer for Electric Transit Applications	4 hrs

## Environmental

Course Name	PDH Credit
Air Quality Regulations for Stationary Engines	2 hrs
An Intro to Adsorption Technologies Operation and Theory	3 hrs
An Intro to In Situ Treatment of Hazardous Soil	3 hrs
An Introduction to Activated Sludge Wastewater Treatment Plants	3 hrs
An Introduction to Industrial Make-up Water	3 hrs
An Introduction to Recycling Construction and Demolition Waste	3 hrs
An Introduction to Utilidors, Power Distribution and Communication Systems in Cold Regions	3 hrs
An Introduction to Wastewater Collection and Treatment in Cold Regions	4 hrs
Basics of Site Work	3 hrs
Can Wind and Solar Replace Coal in Texas?	1 hr
Combined Heat and Power	2 hrs
Coral Reef Assessments	3 hrs
Deep Water Port Act	2 hrs
Design, Construction and Operation - Small Wastewater Systems	3 hrs
Electrons to Molecules Technologies Using Solar Energy	2 hrs
Electrostatic Precipitators for Air Pollution Control	6 hrs
Emerging Technologies for Biosolids Management	6 hrs
Energy Efficiency in Local Government Operations	4 hrs
Energy Efficiency in Water and Wastewater Facilities	3 hrs
Engineering and Design - Design of Small Water Systems	3 hrs
Evaluation of Uv Radiation Disinfection Tech for Wastewater Treatment Plant Effluent	6 hrs
Federal Water Pollution Control Act	4 hrs
Filter Backwash Recycling Rule Technical Guidance Manual	8 hrs
Floating Solar Photovoltaic Systems	1 hr
Getting to Smart Growth 100 Policies for Implementation	4 hrs
Graywater Treatment Using Constructed Wetlands	2 hrs
Green Streets	1 hr
Guide to Purchasing Green Power	2 hrs
Guide to the Management of Radioactive Residuals from Drinking Water Treatment Technologies	5 hrs
Indoor Air Quality - Commercial & Institutional Buildings	2 hrs
Insight into the Department of Energy Organization Act	2 hrs
Introduction to Solar Energy Technologies	4 hrs
Introduction to the National Pollutant Discharge Elimination System (NPDES) Construction Site General Permit	4 hrs
Landfill Gas Collection and Treatment Systems	4 hrs
National Stormwater Calculator Users Guide	2 hrs
NREL Distributed Solar and Building Energy Systems	3 hrs
Offshore Wind Energy Strategies	4 hrs
On-Site Renewable Energy Generation	2 hrs
Optimization of Various Mbr Systems for Water Reclamation	8 hrs
Overview of Uv Disinfection for the Drinking Water	4 hrs
Particulate Matter Control - Baghouses and Filters	5 hrs

Course Name	PDH Credit
Pollution Prevention Act of 1990	2 hrs
Ponds - Planning, Design and Construction	6 hrs
Protecting Drinking Water	2 hrs
Recent Developments in Renewable Energy Research at NREL Part 1	4 hrs
Recent Developments in Renewable Energy Research at NREL Part 2	4 hrs
Recent Developments in Renewable Energy Research at NREL Part 3	4 hrs
Renewable Energy for Critical Infrastructure	2 hrs
Resource Conservation and Recovery	2 hrs
Review Small Projects for Environmental Performance	2 hrs
Saving Energy in Single-Family Residences	4 hrs
So2 and Acid Gas Controls	4 hrs
Soil Stabilization for Pavements	2 hrs
Stormwater to Street Trees	2 hrs
Strategies for Reducing Residential Wood Smoke	2 hrs
Superfund Overview and Selected Issues	1 hr
Technology, Benefits and Costs of Landfill Gas Systems	2 hrs
The Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)	3 hrs
The Part 75 Rule	8 hrs
The Plain English Guide to the Clean Air Act	3 hrs
The Role of Concentrating Solar-Thermal Technologies in a Decarbonized U.S. Grid	4 hrs
Transportation Control Measures	2 hrs
Using Solar Photovoltaics in Transportation	3 hrs
Water Supply - Water Distribution	2 hrs
Water Supply - Water Storage	1 hr
Water Supply - Water Treatment	2 hrs
Water Treatment Primer for Communities in Need	8 hrs
Wet Scrubbers for Particulate Matter Control	5 hrs

## Geotechnical

Course Name	PDH Credit
An Introduction to Bearing Capacity Analysis	3 hrs
An Introduction to Earthwork for Foundations	3 hrs
An Introduction to Geotextiles in Erosion Control	3 hrs
Cleanup Methods for Contaminated Soil and Groundwater	4 hrs
Design of Pile Foundations	5 hrs
Design of Sheet Pile Walls	5 hrs
Guide to Rock Foundations	5 hrs
Guide to Slope Stability	4 hrs
Guide to the Bearing Capacity of Soils	5 hrs
Settlement Analysis	5 hrs

## Health and Safety

Course Name	PDH Credit
20 Proven Safety Countermeasures for Enhancing Safety on All Kinds of Roads	2 hrs
A Guide to Lead Exposure in the Construction Industry	2 hrs
A Toolbox of Engineering Countermeasures to Reduce Red-Light Running	3 hrs
ADA Title II - Simplified	5 hrs
Asbestos Standards for the Construction Industry	2 hrs
Chemical Hazard Communication	2 hrs
Combustion Dust in Industry	3 hrs
Construction Safety Standards	2 hrs
COVID-19 Pandemic Preparedness in the Workplace and the ADA	1 hr
Evaluating Noise Hazards in the Workplace	4 hrs
Excavations	2 hrs
Explosive Safety Standards	5 hrs
Fall Protection in Construction	2 hrs

# The following **Online Courses** are included...

## Health and Safety

Course Name	PDH Credit
Federal Guidelines for Dam Safety Earthquake Analysis and Design of Dams	3 hrs
Fire Protection and Prevention During Construction	4 hrs
Floors & Grounds Surfaces	1 hr
Guidance for Preparing Workplaces for COVID-19	2 hrs
Hazardous Waste Identification	3 hrs
Hazardous Waste Operations & Emergency Response	2 hrs
How to Prepare for Workplace Emergencies and Evacuations	1 hr
Industrial Heat Pumps	1 hr
Materials Handling and Storage	2 hrs
OSHA Stairways and Ladders	1 hr
OSHA Controlling Electrical Hazards in the Workplace	2 hrs
OSHA Fatal Facts	4 hrs
Permit-Required Confined Spaces	1 hr
Pocket Guide Construction Worker Safety	1 hr
Preventing Mold Related Problems in the Indoor Workplace	2 hrs
Risk Management Series Design Guide for Improving Hospital Safety in Earthquakes, Floods and High Winds	9 hrs
Risk Management Series Design Guide for Improving School Safety in Earthquakes, Floods and High Winds	9 hrs
Safeguarding Equipment Protecting Workers from Amputations	3 hrs
Scaffold Use in the Construction Industry	3 hrs
Small Business Safety and Health Management Series	3 hrs
Wood Fire Safety	1 hr

## HVAC

Course Name	PDH Credit
Air Conditioning Systems	3 hrs
Desiccant Dehumidification Wheel Testing	4 hrs
Guide to Developing Air-Cooled Libr Absorption for Combined Heat and Power Applications	4 hrs
HVAC - Hydronic Systems	4 hrs
HVAC - Variable Air Volume Systems	5 hrs
HVAC & Ventilation & Exhaust Systems	5 hrs
The Effectiveness of UV Lamps in Circulating Air Ductwork	4 hrs

## Industrial

Course Name	PDH Credit
An Introduction to Industrial Wasterwater Collection and Treatment	3 hrs
Clean Energy Technologies	3 hrs
Facilities Engineering Electrical Facilities Safety	5 hrs
Guide to Detectors and Indicators	5 hrs
Guide to Radiation Detectors	6 hrs
Improving Fan System Performance	3 hrs
Improving Pump System Performance	6 hrs
Operation, Maintenance and Repair of Auxiliary Generators	5 hrs
Process Control	5 hrs
Steam System Basics	3 hrs

## Laws and Ethics

Course Name	PDH Credit
Case Studies in Fraudulent Safety Claims	1 hr
Case Studies in Theft through Fraud	1 hr
Engineering Ethics—Case Studies in Espionage	1 hr
Engineering Ethics—Case Studies in Stealing Trade Secrets	1 hr
Engineering Ethics for the North Carolina Professional Engineer	2 hrs
Ethical Issue Deciding if Something is a Gift or a Bribe	1 hr

Course Name	PDH Credit
Ethical Issues in Forensic Engineering	3 hrs
Ethics An Alternative Account of the Ford Pinto Case	2 hrs
Ethics Standards of Conduct for Employees	1 hr
Ethics Challenger Disaster	3 hrs
Ethics for Professional Practice	2 hrs
Ethics NSPE	2 hrs
Ethics, Professionalism, and Disciplinary Actions Case Studies	1 hr
Free Speech Vs. Regulation of Professional Engineers	1 hr
Illinois Statutes and Rules for Professional Engineers	1 hr
Indiana Ethics Course for Professional Engineers	1 hr
Indiana State Board Statute & Administrative Rules for Professional Engineers	1 hr
Insight into the Freedom of Information Act & Privacy Act	2 hrs
Louisiana Laws and Rules for Professional Engineers	1 hr
North Carolina Laws & Rules	4 hrs
Pennsylvania Laws, Rules, and Ethics	2 hrs
Rules of Professional Conduct for Tennessee Engineers	1 hr
South Carolina Laws & Regulations for Engineers	2 hrs
Standards of Professional Conduct for Civil Engineers	2 hrs
Texas Engineering Practice Act and Rules	1 hr
Texas Ethics for Pes	1 hr
The Molasses Flood of 1919 and Other Ethical Failures in Engineering	2 hrs

## Mechanical Engineering

Course Name	PDH Credit
Air Stripping	2 hrs
An Intro to Cooling Towers	3 hrs
An Intro to Hospital Water Supply Systems	3 hrs
An Introduction to Control and Instrumentation for Steam Power Plants	3 hrs
An Introduction to Cooling Tower Water Treatment	3 hrs
An Introduction to Heating and Cooling Distribution Systems	2 hrs
An Introduction to HVAC Systems	4 hrs
An Introduction to HVAC Systems - Audio	3 hrs
An Introduction to HVAC Systems for Medical Facilities	4 hrs
An Introduction to Inspection of Boilers and Unfired Pressure Vessels	3 hrs
An Introduction to Makeup Water for Industrial Water Systems	3 hrs
An Introduction to Petroleum Fuel Facilities Atmospheric Storage Tanks	5 hrs
An Introduction to Petroleum Fuel Facilities Bulk Fuel Storage	5 hrs
An Introduction to Petroleum Fuel Facilities General Design Information	3 hrs
An Introduction to Petroleum Fuel Facilities Pipelines and Ground Fueling Facilities	3 hrs
An Introduction to Plumbing and Gas Systems for Medical Facilities	4 hrs
An Introduction to Sound Level Data for Mechanical and Electrical Equipment	3 hrs
An Introduction to Steam Boilers and Turbines for Power Plants	4 hrs
An Introduction to Treatment of Closed Industrial Water Systems	3 hrs
An Introduction to Water Sampling and Testing of Water Systems	3 hrs
Coating Types and Characteristics	4 hrs
Corrosion Theory and Corrosion Protection	1 hr
Electrification of Aircraft	1 hr
Engineering Use of Geotextiles	2 hrs
Flow Measurement in Pipes and Ducts	3 hrs
Fluid Power - Hydraulic Components	4 hrs
Fluid Power - Hydraulic Power Units	4 hrs
Fluid Power - Hydraulic Principles	4 hrs
Flywheels for Use in Uninterruptible Power Supply Systems	1 hr
Gears Lubrication	1 hr
Heat Exchanger Fundamentals	2 hrs
High Temperature Water Heating Systems	4 hrs
Hydraulic Design of Storm Sewers with Excel	4 hrs
Industrial Fan Fundamentals	5 hrs
Introduction to Solid State Lightning	3 hrs



# The following **Online Courses** are included...

## Mechanical Engineering

Course Name	PDH Credit
Lubricating Oils Additives	2 hrs
Lubrication Grease	2 hrs
Lubrication Hydraulic Fluids	1 hr
Lubrication Principles	2 hrs
Mechanical Science - Valves	4 hrs
Noise and Vibration Control	3 hrs
Pressure Vessel Guidelines	1 hr
Steam System Survey Guide	6 hrs
Steel Erection Safety Requirements	4 hrs
Thermodynamics, Heat, Transfer	2 hrs
Thermodynamics, Heat, Transfer, and Fluid Flow	5 hrs

## Petroleum

Course Name	PDH Credit
BOPE Blow Out Prevention	1 hr
Carbon Dioxide Enhanced Oil Recovery	2 hrs
Deepwater Horizon Oil Spill - OSHA's Role & Response	2 hrs
Environmental Benefits of Advanced Oil & Gas Exploration & Production Tech.	3 hrs
Guide to Biomass Oil Analysis	5 hrs
Gulf of Mexico Oil, Potetnail Impacts and Mitigation Measures	2 hrs
Oil Pollution Act - 1990	3 hrs
Opportunities for Petroleum Brownfields	2 hrs
Petroleum Brownfields	2 hrs
Petroleum Vapor Intrusion	2 hrs
Rigs to Reefs Initiative	1 hr
Training Marine Oil Spill Response Workers	2 hrs

## Project Management

Course Name	PDH Credit
Advanced Leadership for Engineers	4 hrs
Advanced Project Management Techniques	4 hrs
Advanced Project Management Techniques II	4 hrs
America's Greatest Projects and Their Engineers	5 hrs
America's Greatest Projects and Their Engineers Volume II	5 hrs
America's Greatest Projects and Their Engineers Volume III	4 hrs
America's Greatest Projects and Their Engineers Volume IV	5 hrs
Blueprint for Successful Construction Management	2 hrs
Detection of Errors in Digital Systems	3 hrs
OSHA Construction, Demolition, and Cleanup Safety Issues	4 hrs
Vector Fundamentals	3 hrs

## Sustainability

Course Name	PDH Credit
Biomass Cofiring In Coal-Fired Boilers	4 hrs
Introduction to Conservation Design	8 hrs
Natural Resources Land Management	9 hrs
Parabolic-Trough Solar Water Heating	2 hrs
Watershed Condition Classification Technical Guide	2 hrs

## Structural

Course Name	PDH Credit
An Introduction to Cathodic Protection Principles	5 hrs
An Introduction to Cathodic Protection Systems Maintenance	3 hrs
An Introduction to Concrete Pavements - Audio	2 hrs
Basic Bridge Terminology	6 hrs
Bridge Inspection Programs	1 hr
Bridge Inspection Reporting	5 hrs
Concrete Mixture Optimization Using Statistical Methods	5 hrs
Construction with Large Stone	4 hrs
Deisng of Buildings in High Wind Coastal Areas	12 hrs
Guide on How to Build Radon-Resistant Homes	3 hrs
Inspection and Evaluation of Bridge Decks and Areas Adjacent to Bridge Decks	6 hrs
Illinois Statutes and Rules for Structural Engineering	1 hr
Lumber Stress Grades and Design Properties	1 hr
Residential Guide to Earthquake Design and Construction	5 hrs
Safety Fundamentals for Bridge Inspections	6 hrs
Scaffolding Use, Guidelines & Application	2 hrs
Stability Analysis of Concrete Structures	6 hrs
Standards for the Treatment of Historic Properties	6 hrs
Structural Design Criteria for Structures Other than Buildings	1 hr
Surface Preparation	3 hrs
Tornado Risks and Hazards in the Southeastern USA	2 hrs
Unsurfaced Road Maintenance Management	2 hrs

# The following **Live Webinars** are included...

## Architectural

Date	Course Name	PDH Credit	Time
5/20/2024	Design Build Practices - Rebroadcast	1hr	3-4 PM ET
8/28/2024	Acoustical Sound Engineering - Rebroadcast	1hr	3-4 PM ET

## Building Design

Date	Course Name	PDH Credit	Time
1/9/2024	Design Challenges - Coastal Living	1hr	3-4 PM ET
2/12/2024	Composite Design Configurations - Rebroadcast	1hr	3-4 PM ET
2/27/2024	Sustainable & Functional Design	2 hrs	3-5 PM ET
4/25/2024	Energy Efficient Building Design - Rebroadcast	1hr	7-8 PM ET
6/3/2024	Design Challenges - Coastal Living - Rebroadcast	1hr	3-4 PM ET
6/12/2024	Sustainable & Functional Design - Rebroadcast	2 hrs	3-5 PM ET

## Chemical Engineering

Date	Course Name	PDH Credit	Time
3/1/2024	Climate Change - Chemical Safety - Rebroadcast	1hr	3-4 PM ET
3/7/2024	DOT - Shipping Radioactive "HazMat" - Rebroadcast	1hr	7-8 PM ET
8/20/2024	Bio-Chemical Engineering	1hr	3-4 PM ET
10/28/2024	Asbestos - Rebroadcast	2 hrs	3-5 PM ET
11/1/2024	Stored Energy Battery Technology - Rebroadcast	1hr	3-4 PM ET
11/14/2024	Bio-Chemical Engineering - Rebroadcast	1hr	7-8 PM ET

## Civil Engineering

Date	Course Name	PDH Credit	Time
1/25/24	Traffic Concurrency - Rebroadcast	1hr	7-8 PM ET
1/26/24	Urban Land Development Trends - Rebroadcast	1hr	3-4 PM ET
2/29/24	Disaster Mitigation - Rebroadcast	1hr	7-8 PM ET
3/15/24	Traffic Engineering Design - Rebroadcast	1hr	3-4 PM ET
4/1/24	Engineering Land Development Mitigation - Rebroadcast	1hr	3-4 PM ET
4/3/24	Aeronautical Design - Rebroadcast	1hr	3-4 PM ET
4/22/24	Surface Drainage - Rebroadcast	2 hr	3-5 PM ET
4/24/24	Dikes & Levees - Rebroadcast	1hr	3-4 PM ET
6/20/24	DOT - Federal - Rebroadcast	1hr	7-8 PM ET
6/25/24	Hydraulics	1hr	3-4 PM ET
7/16/24	Engineering - The Intracoastal Waterways	1hr	3-4 PM ET
7/19/24	Hydrology - Rebroadcast	2 hr	3-5 PM ET
8/2/24	Principles & Practices of Concrete - Rebroadcast	2 hrs	3-5 PM ET
8/8/24	LID - Low Impact Development Techniques - Rebroadcast	1hr	7-8 PM ET
10/4/24	Hydraulics - Rebroadcast	1hr	3-4 PM ET
10/7/24	Engineering - The Intracoastal Waterways - Rebroadcast	1hr	3-4 PM ET
10/8/24	Tunnel Engineering	1hr	3-4 PM ET
12/5/24	Tunnel Engineering - Rebroadcast	1hr	7-8 PM ET
12/9/24	Traffic Concurrency - Rebroadcast	1hr	3-4 PM ET
12/11/24	Urban Land Development Trends - Rebroadcast	1hr	3-4 PM ET

## Electrical Engineering

Date	Course Name	PDH Credit	Time
1/18/24	"NEC" - National Electric Code Changes - Revisions - Rebroadcast	1hr	7-8 PM ET
1/19/24	Engineering Anti-Matter - Rebroadcast	1hr	3-4 PM ET

Date	Course Name	PDH Credit	Time
1/23/24	The Particle Collider	1hr	3-4 PM ET
2/8/24	"MAGLEV" - Rebroadcast	1hr	7-8 PM ET
2/13/24	Optic Insight	1hr	3-4 PM ET
2/23/24	Light & Laws of Geometric Optics - Rebroadcast	1hr	3-4 PM ET
2/26/24	Electromagnetic Field Relationships - Rebroadcast	1hr	3-4 PM ET
3/5/24	Electrical Design Challenges	1hr	3-4 PM ET
3/19/24	"NEC" - National Electric Code Changes/Revisions	1hr	3-4 PM ET
3/21/24	Fiber Optic Technology - Rebroadcast	1hr	7-8 PM ET
5/7/24	Electromagnetics Update	1hr	3-4 PM ET
6/7/24	The Particle Collider - Rebroadcast	1hr	3-4 PM ET
6/10/24	Optic Insight - Rebroadcast	1hr	3-4 PM ET
6/13/24	Electrical Design Challenges - Rebroadcast	1hr	7-8 PM ET
6/14/24	"NEC" - National Electric Code Changes / Revisions - Rebroadcast	1hr	3-4 PM ET
7/1/24	TESLA - The Electrical Genius - Rebroadcast	1hr	3-4 PM ET
7/30/24	EV - The Battery Evolution	1hr	3-4 PM ET
8/13/24	The TESLA Effect	1hr	3-4 PM ET
8/21/24	Magnetostatics - Rebroadcast	1hr	3-4 PM ET
8/26/24	Electric Motors - Rebroadcast	2 hrs	3-5 PM ET
9/9/24	Electromagnetics Update - Rebroadcast	1hr	3-4 PM ET
9/17/24	Transmission Line Reactive Power	1hr	3-4 PM ET
9/19/24	Electric Power Quality - Rebroadcast	1hr	7-8 PM ET
9/24/24	Turbine Technology - Rebroadcast	2 hrs	3-5 PM ET
10/10/24	EV - The Battery Evolution - Rebroadcast	1hr	7-8 PM ET
11/7/24	The TESLA Effect - Rebroadcast	1hr	7-8 PM ET
11/22/24	Engineering Anti-Matter - Rebroadcast	1hr	3-4 PM ET
11/25/24	Matter & Energy - Rebroadcast	2 hrs	3-5 PM ET
11/26/24	The NEC - National Electric Code Changes - Revisions & Updates	1hr	3-4 PM ET
12/3/24	Black Holes	1hr	3-4 PM ET
12/26/24	Transmission Line Reactive Power - Rebroadcast	1hr	7-8 PM ET

## Environmental Engineering

Date	Course Name	PDH Credit	Time
1/17/24	The Endangered Species Act - Rebroadcast	1hr	3-4 PM ET
1/22/24	Save the Wetlands - Rebroadcast	2 hrs	3-5 PM ET
2/21/24	The "Green Mile" - Rebroadcast	2 hrs	3-5 PM ET
3/6/24	Green & Sustainable Building - Rebroadcast	2 hrs	3-5 PM ET
3/14/24	Wetlands Management - Compensatory Mitigation - Rebroadcast	1hr	7-8 PM ET
3/27/24	LEED - The Green Way - Rebroadcast	1hr	3-4 PM ET
3/28/24	The "BIG ONE" - Seismology - Rebroadcast	1hr	7-8 PM ET
4/8/24	Green Engineering Design Practices - Rebroadcast	2 hrs	3-5 PM ET
4/12/24	Sustainable Building Practices - Rebroadcast	2 hrs	3-5 PM ET
4/15/24	Green Space Design - Rebroadcast	1hr	3-4 PM ET
4/16/24	Non-Renewable & Renewable Resources	2 hrs	3-5 PM ET
4/19/24	Fueling the Future - Rebroadcast	1hr	3-4 PM ET
5/17/24	The Magic of Solar Power - Rebroadcast	1hr	3-5 PM ET
5/22/24	Green Roads - Rebroadcast	1hr	3-4 PM ET
5/28/24	Challenges Upon Our Environment II	1hr	3-4 PM ET
6/11/24	The "Green Building" Effect	2 hrs	3-5 PM ET
6/28/24	Water Resources & Pollution Control Methods - Rebroadcast	2 hrs	3-5 PM ET
7/3/24	CERCLA - Rebroadcast	1hr	3-4 PM ET
7/12/24	Sustainable Stormwater Management Plan - Rebroadcast	1hr	3-4 PM ET
7/15/24	GEOTEXTILES - Rebroadcast	1hr	3-4 PM ET
8/1/24	Insight to Sustainable Development - Rebroadcast	1hr	7-8 PM ET
8/9/24	The Challenges Placed Upon Our Environment - Rebroadcast	1hr	3-4 PM ET
8/12/24	Plate Tectonics - Rebroadcast	1hr	3-4 PM ET

# The following **Live Webinars** are included...

## Environmental Engineering

Date	Course Name	PDH Credit	Time
8/16/24	Brownfield Development - Rebroadcast	2 hrs	3-5 PM ET
8/23/24	Corrosion - Rebroadcast	1hr	3-4 PM ET
8/30/24	Solar Advances - Rebroadcast	1hr	3-4 PM ET
9/4/24	Non-Renewable & Renewable Resources - Rebroadcast	2 hrs	3-5 PM ET
9/20/24	Intelligent Sustainability - Rebroadcast	1hr	3-4 PM ET
9/25/24	Green Ideas - Rebroadcast	2 hrs	3-5 PM ET
9/27/24	Rain Water Harvesting - Rebroadcast	1hr	3-4 PM ET
10/2/24	The "GREEN BUILDING" Effect - Rebroadcast	2 hrs	3-5 PM ET
10/18/24	Lightning Protection - Rebroadcast	1hr	3-4 PM ET
10/21/24	Environmental 'Sign of the Times' - Rebroadcast	1hr	3-4 PM ET
10/25/24	Environmental Restoration Challenges - Rebroadcast	1hr	3-4 PM ET
11/4/24	Wind Mitigation - Rebroadcast	1hr	3-4 PM ET
11/11/24	Indoor Air Quality & Pollution - Rebroadcast	2 hrs	3-5 PM ET
11/21/24	The Endangered Species Act - Rebroadcast	1hr	7-8 PM ET
12/2/24	Save the Wetlands - Rebroadcast	2 hrs	3-5 PM ET

## Geotechnical

Date	Course Name	PDH Credit	Time
5/9/24	Finite Element Method in Geotechnical Engineering - Rebroadcast	1hr	7-8 PM ET
5/27/24	Geotechnical Investigations - Rebroadcast	1hr	3-4 PM ET
6/24/24	Dam Design - Rebroadcast	1hr	3-4 PM ET
7/25/24	Geotechnical Explorations - Rebroadcast	1hr	7-8 PM ET
8/6/24	The Underground	1hr	3-4 PM ET
10/14/24	The Underground - Rebroadcast	1hr	3-4 PM ET
10/29/24	Geotechnical/Civil Drainage & Soils	2 hrs	3-5 PM ET
12/16/24	Geotechnical/Civil Drainage & Soils - Rebroadcast	2 hrs	3-5 PM ET

## Health and Safety

Date	Course Name	PDH Credit	Time
1/10/24	Monthly OSHA Compliance Update	1hr	3-4 PM ET
1/31/24	Creating a Safety Culture-Rebroadcast	2 hrs	3-5 PM ET
2/14/24	Monthly OSHA Compliance Update	1hr	3-4 PM ET
2/19/24	OSHA-Slips, Trips & Falls-Rebroadcast	2 hrs	3-5 PM ET
2/28/24	PE-Safety Intervention-Rebroadcast	2 hrs	3-5 PM ET
3/13/24	Monthly OSHA Compliance Update	1hr	3-4 PM ET
3/26/24	Safety Solutions	2 hrs	3-5 PM ET
4/5/24	Health & Safety Issues-Rebroadcast	1hr	3-4 PM ET
4/10/24	Monthly OSHA Compliance Update	1hr	3-4 PM ET
4/11/24	HAZMAT-Rebroadcast	1hr	7-8 PM ET
4/17/24	The Importance of Safety, Health & Welfare-Rebroadcast	2 hrs	3-5 PM ET
4/23/24	Engineering Disaster Mitigation	1hr	3-4 PM ET
4/29/24	Hazardous Materials Transportation Tips-Rebroadcast	1hr	3-4 PM ET
5/3/24	Safety & Health Matters-Rebroadcast	1hr	3-4 PM ET
5/13/24	Life Safety-Rebroadcast	2 hrs	3-5 PM ET
5/16/24	Workers Comp-The Inside Story-Rebroadcast	1hr	7-8 PM ET
5/24/24	Safety Factors-Rebroadcast	2 hrs	3-5 PM ET
6/4/24	OSHA-Scaffolding & Ladder Safety	1hr	3-4 PM ET
6/5/24	Monthly OSHA Compliance Update	1hr	3-4 PM ET
6/17/24	Safety Solutions-Rebroadcast	2 hrs	3-5 PM ET
6/27/24	Safety & Health-Hazardous Waste-Rebroadcast	1hr	7-8 PM ET
7/10/24	Monthly OSHA Compliance Update	1hr	3-4 PM ET
7/17/24	Workers Compensation Insight-Rebroadcast	1hr	3-4 PM ET
7/24/24	Site Safety-The Right Choice-Rebroadcast	1hr	3-4 PM ET

Date	Course Name	PDH Credit	Time
7/31/24	Traffic Engineering-Highway Workers Safety-Rebroadcast	1hr	3-4 PM ET
8/7/24	Monthly OSHA Compliance Update	1hr	3-4 PM ET
8/19/24	Safety & Health Tips-Rebroadcast	2 hrs	3-5 PM ET
9/5/24	Engineering Disaster Mitigation-Rebroadcast	1hr	7-8 PM ET
9/11/24	Monthly OSHA Compliance Update	1hr	3-4 PM ET
9/12/24	OSHA-Scaffolding & Ladder Safety-Rebroadcast	1hr	7-8 PM ET
10/9/24	Monthly OSHA Compliance Update	1hr	3-4 PM ET
10/17/24	Workers Comp-How to Reduce Costs-Rebroadcast	1hr	7-8 PM ET
10/30/24	Site Safety Intervention-Rebroadcast	2 hrs	3-5 PM ET
11/5/24	OSHA 2023 - Recap	1hr	3-4 PM ET
11/6/24	Hazard Communication-Rebroadcast	1hr	3-4 PM ET
11/12/24	Safety, Health & Welfare	2 hrs	3-5 PM ET
11/13/24	Monthly OSHA Compliance Update	1hr	3-4 PM ET
12/4/24	Monthly OSHA Compliance Update	1hr	3-4 PM ET
12/20/24	Creating a Safety Culture-Rebroadcast	2 hrs	3-5 PM ET

## HVAC

Date	Course Name	PDH Credit	Time
6/26/2024	Commercial Building HVAC - Rebroadcast	1hr	3-4 PM ET

## Industrial Engineering

Date	Course Name	PDH Credit	Time
5/2/2024	Storage of Wastewater - Rebroadcast	1hr	7-8 PM ET
7/9/2024	Industrial Pretreatment - Florida PE	1hr	3-4 PM ET
7/22/2024	Nuclear Engineering - Rebroadcast	1hr	3-4 PM ET

## Laws and Ethics

Date	Course Name	PDH Credit	Time
2/5/2024	The Contract - Rebroadcast	1hr	7-8 PM ET
2/6/2024	Florida Laws & Rules for Professional Engineers - Biennium Cycle 2023-2025	1hr	3-4 PM ET
2/7/2024	Fair Housing Act - Rebroadcast	1hr	3-4 PM ET
2/20/2024	Professional Ethics for The Florida Professional Engineer - Biennium Cycle 2023 - 2025	1hr	3-4 PM ET
3/12/2024	Ethics - Paramount	1hr	3-4 PM ET
3/25/2024	Ethical PE Choices - Rebroadcast	1hr	3-4 PM ET
4/9/2024	Ethical Relationships	1hr	3-4 PM ET
5/15/2024	PE - Unethical Lessons Learned - Rebroadcast	1hr	3-4 PM ET
5/21/2024	Ethics for the Texas Engineering	1hr	3-4 PM ET
9/2/2024	Ethical Relationships - Rebroadcast	2 hrs	3-5 PM ET
10/22/2024	Louisiana Professional Ethics	1hr	3-4 PM ET

## Materials

Date	Course Name	PDH Credit	Time
6/18/2024	Composite Materials	1hr	3-4 PM ET
8/15/2024	Laws of Elasticity - Rebroadcast	1hr	7-8 PM ET
10/3/2024	Composite Materials - Rebroadcast	1hr	7-8 PM ET

# The following **Live Webinars** are included...

## Mechanical Engineering

Date	Course Name	PDH Credit	Time
2/2/2024	Thermodynamics of Combustion Systems - Rebroadcast	1hr	3-4 PM ET
5/30/2024	Mechanical Systems - Rebroadcast	1hr	7-8 PM ET
8/5/2024	The Mechanical Properties of Engineering Materials - Rebroadcast	1hr	3-4 PM ET
8/22/2024	Reverse Engineering - Rebroadcast	1hr	7-8 PM ET
8/27/2024	Aerospace Technologies	1hr	3-4 PM ET
9/10/2024	Thermal & Infrared Imaging Technology	1hr	3-4 PM ET
9/18/2024	Age of Robotics - Rebroadcast	1hr	3-4 PM ET
9/23/2024	Turbine Technology - Rebroadcast	1hr	3-4 PM ET
11/15/2024	Aerospace Technologies - Rebroadcast	1hr	3-4 PM ET
12/19/2024	Thermal & Infrared Imaging Technology - Rebroadcast	1hr	7-8 PM ET

## Petroleum

Date	Course Name	PDH Credit	Time
2/12/2024	Petroleum "Deepwater Disaster" - Rebroadcast	1hr	3-4 PM ET
8/29/2024	Petroleum Engineering - Rebroadcast	1hr	7-8 PM ET
11/8/2024	Petroleum - Liquid Gold - Rebroadcast	2hr	3-5 PM ET

## Project Management

Date	Course Name	PDH Credit	Time
1/15/24	Leadership Skills for the PM - Rebroadcast	1hr	3-4 PM ET
1/16/24	Building Client Relationships	1hr	3-4 PM ET
1/24/24	Marketing Engineering Services - Rebroadcast	2 hrs	3-5 PM ET
1/30/24	Organizing - The PE - Rebroadcast	1hr	3-4 PM ET
2/1/24	Project Disputes & Resolution - Rebroadcast	1hr	7-8 PM ET
2/9/24	PM - Mitigate Project Failure - Rebroadcast	2 hrs	3-5 PM ET
2/15/24	Engineering Surface Drainage - Rebroadcast	1hr	7-8 PM ET
3/4/24	Organization Skills for PMs - Rebroadcast	1hr	3-4 PM ET
3/8/24	PM Leadership Skills - Rebroadcast	2 hrs	3-5 PM ET
3/11/24	Deformation Response - Rebroadcast	1hr	3-4 PM ET
3/20/24	Mitigation of Risk - Project Management - Rebroadcast	1hr	3-4 PM ET
3/22/24	Noise Cancellation - Rebroadcast	1hr	3-4 PM ET
3/29/24	Project Management Methodology - Rebroadcast	2 hrs	3-5 PM ET
4/18/24	Improved Project Management Techniques - Rebroadcast	1hr	7-8 PM ET
4/30/24	Project Management - Quality & Audits	1hr	3-4 PM ET
5/1/24	Developing Key Project Management Skills - Rebroadcast	2 hrs	3-5 PM ET
5/14/24	PM - Project Planning	2 hrs	3-5 PM ET
5/29/24	Project Scheduling - Rebroadcast	1hr	3-4 PM ET
5/31/24	PE's Approach to Marketing Services - Rebroadcast	2 hrs	3-5 PM ET
6/6/24	Building Client Relationships - Rebroadcast	1hr	7-8 PM ET
6/19/24	Measuring & Controlling Harmonics - Rebroadcast	1hr	3-4 PM ET
6/21/24	Contracts & Consultants - Professional Engineering Accountability - Rebroadcast	1hr	3-4 PM ET
7/11/24	Five Reasons to Develop Project Management Skills - Rebroadcast	1hr	7-8 PM ET
7/18/24	Forensic Reporting - Rebroadcast	1hr	7-8 PM ET
7/23/24	Advanced PM Style	2 hrs	3-5 PM ET
7/29/24	Marketing Essentials for Pes - Rebroadcast	2 hrs	3-5 PM ET
9/6/24	Project Management - Quality & Audits - Rebroadcast	1hr	3-4 PM ET
9/13/24	PM - Project Planning - Rebroadcast	2 hrs	3-5 PM ET
9/16/24	Traffic Control - Rebroadcast	2 hrs	3-5 PM ET
10/11/24	Advanced PM Style - Rebroadcast	2 hrs	3-5 PM ET
10/15/24	How to Avoid Project Failure	1hr	3-4 PM ET

Date	Course Name	PDH Credit	Time
10/16/24	7 Critical Project Management Skills for Pes - Rebroadcast	1hr	3-4 PM ET
10/24/24	Failure Analysis - An Expert Opinion - Rebroadcast	1hr	7-8 PM ET
10/31/24	Nuclear Design Components - Rebroadcast	1hr	7-8 PM ET
11/18/24	Marketing and Business Development for Professional Engineers - Rebroadcast	2 hrs	3-5 PM ET
11/19/24	Mars - The New Frontier	1hr	3-4 PM ET
11/20/24	Leadership Skills for the PM - Rebroadcast	1hr	3-4 PM ET
12/6/24	Marketing Engineering Services - Rebroadcast	2 hrs	3-5 PM ET
12/10/24	Mitigation Skills 4 the M	1hr	3-4 PM ET
12/13/24	How to Avoid Project Failure - Rebroadcast	1hr	3-4 PM ET
12/27/24	Mars - The New Frontier - Rebroadcast	1hr	3-4 PM ET

## Structural Engineering

Date	Course Name	PDH Credit	Time
1/29/24	The HYPOGEUM - Rebroadcast	1hr	3-4 PM ET
3/18/24	Urban Sprawl Challenges - Rebroadcast	1hr	3-4 PM ET
4/4/24	Live Load/ Dead Load - Rebroadcast	1hr	7-8 PM ET
4/26/24	Abandoned Engineered Structures - Rebroadcast	1hr	3-4 PM ET
5/6/24	Demolition Man - Rebroadcast	1hr	3-4 PM ET
5/10/24	Infrastructure Development - Rebroadcast	2 hrs	3-5 PM ET
5/23/24	Infrastructures - Design Parameters - Rebroadcast	1hr	7-8 PM ET
7/8/24	Ancient Engineering - The Unknowns - Rebroadcast	1hr	3-4 PM ET
7/26/24	Advanced Pavement Design - Rebroadcast	1hr	3-4 PM ET
8/14/24	Engineering Pavement - Rebroadcast	1hr	3-4 PM ET
9/3/24	3-D Modeling	1hr	3-4 PM ET
9/26/24	Building Demolition - Rebroadcast	1hr	7-8 PM ET
9/30/24	Soil Cement Secrets - Rebroadcast	1hr	3-4 PM ET
10/23/24	Engineering Mars - Rebroadcast	1hr	3-4 PM ET
12/12/24	3-D Modeling - Rebroadcast	1hr	7-8 PM ET
12/18/24	The HYPOGEUM - Rebroadcast	1hr	3-4 PM ET

## Sustainability

Date	Course Name	PDH Credit	Time
2/22/2024	Energy Independence - Rebroadcast	1hr	7-8 PM ET

# The following On-Demand Live Webcasts are included....

## Architectural

Course Name	PDH Credit
Site Safety Intervention	1 hr

## Building Design

Course Name	PDH Credit
Composite Design Configurations	1 hr
Urban Design Factors	2 hrs

## Chemical

Course Name	PDH Credit
Atomic Energy Act	1 hr
Batter Stored Energy	1 hr
Chemical Engineering Secrets	1 hr
Climate Change - Chemical Safety	1 hr
DOT - Shipping Radioactive "HazMat"	1 hr
Mission Petroleum	2 hrs
Return of the VOCs	1 hr
The VOCs	1 hr

## Civil Engineering

Course Name	PDH Credit
A Civil Perspective on Storm Water Management	1 hr
Aeronautical Design	1 hr
Brownfields	1 hr
Disaster Mitigation	1 hr
Composite Engineered Materials	1 hr
Corrosion	1 hr
Design Build Tips	1 hr
DOT - Federal	1 hr
Engineering Disasters	2 hrs
Engineering the Future	1 hr
High Performance Engineering	1 hr
High Speed Trains	1 hr
High Rise Engineering	1 hr
History of the Army Corp Engineers	1 hr
Hydrologic Impact	2 hrs
LID - Low Impact Development Techniques	1 hr
MOT Maintenance of Traffic	1 hr
Motivational Theories	1 hr
Pavement Designs	1 hr
Soil Mechanics	2 hrs
Stormwater Management	1 hr
Superconductors	1 hr
Sustainable Stormwater Management Plan	1 hr
The Traffic Engineer	1 hr
Time Management Techniques	1 hr
Traffic Engineering Science	1 hr
Traffic Engineering Design	1 hr
UST Underground Storage Tanks	1 hr

## Geotechnical

Course Name	PDH Credit
Dam Design	1 hr
Geotechnical Investigations	1 hr
Principles & Practices of Tunnel Boring	1 hr
Enchanted GEO	1 hr
Foundations	2 hrs
Geo Sinkholes	2 hrs
Geo Soil Compaction	2 hrs
Geotechnical Soil Compaction	2 hrs
Magnetic Materials	1 hr
Seismic Insight	1 hr

## Environmental

Course Name	PDH Credit
CERCLA	1 hr
Brownfield Site Redevelopment	2 hrs
Developing "Green"	2 hrs
Engineering Urban Sprawl	2 hrs
Environmental Restoration Challenges	1 hr
Environmental Sign of the Times	1 hr
Fueling the Future	1 hr
Global Climatic Change	1 hr
Going Nuclear	2 hrs
Green House Effect	1 hr
Green & Sustainable Building	2 hrs
Green Engineering Design Practice	2 hrs
Green Space Design	1 hr
GREEN Sustainable Retrofits	2 hrs
Green Roofs	1 hr
Groundwater Modeling	1 hr
Land Development Paradigm	1 hr
LEED - The Green Way	1 hr
LEED - USGBC Volume II	1 hr
Oil Pollution Act	1 hr
Plate Tectonics	1 hr
Pollution Prevention Act	1 hr
Renewable Energy	1 hr
Soils - Bearing Capacity	1 hr
The "BIG ONE" - Seismology	1 hr
The EPA	1 hr
The Great Barrier Reef	2 hrs
The Green Effect	2 hrs
The "GREEN MILE"	2 hrs
The Greenwash Movement	1 hr
Tsunamis	1 hr
Water Resources & Pollution Control Methods	2 hrs
Wetlands Management - Compensary Mitigation	1 hr
Wind Mitigation	1 hr

## Electrical Engineering

Course Name	PDH Credit
9000 Degrees F - Electrical ARC Flash	1 hr
Digital Communication & Video Compression	1 hr
Electrical Wonders	1 hr
Electromagnetic Field Relationships	1 hr
Engineering Antimatter	1 hr
Fiber Optics	1 hr
Fiber Optic Technology	1 hr

# The following On-Demand Live Webcasts are included....

## Electrical Engineering

Course Name	PDH Credit
Light & Laws of Geometric Optics	1 hr
"MAGLEV"	1 hr
NEC - National Electric Code Changes / Revisions	1 hr
NEC - Electric Code Changes/Revisions	1 hr
Noise Cancellation Technology	1 hr
TESL The Electric Genius	1 hr

## Health and Safety

Course Name	PDH Credit
ADA Compliance Update	1 hr
ADA Compliance Update	1 hr
Asbestos for Pes	1 hr
Asbestos for Pes	1 hr
Creating a Safety Culture	2 hrs
Fire Safety Fire Prevention and Managing Emergency Situations in the Work Place	2 hrs
Forensic Engineering	1 hr
HAZMAT	1 hr
HAZMAT	1 hr
Health & Safety Issues	1 hr
Health & Safety Issues	1 hr
Health and Safety Tips for PEs	1 hr
Hurricane Design Preparation and Awareness	2 hrs
Implementing Workplace Safety Culture	2 hrs
Life Safety	2 hrs
Life Safety	2 hrs
Monthly OSHA Compliance Update	1 hr
Monthly OSHA Compliance Update	1 hr
OSHA 2021	1 hr
OSHA 2021	1 hr
OSHA Insight	2 hrs
OSHA Insight	2 hrs
OSHA Inspection Insight	1 hr
OSHA Inspection Insight	1 hr
OSHA - Slips, Trips and Falls	2 hrs
PE - Safety Intervention	2 hrs
PE - Safety Intervention	2 hrs
Safety & Health - Hazardous Waste	1 hr
Safety & Health - Hazardous Waste	1 hr
Safety & Health Program Insight	1 hr
Safety & Health Program Insight	1 hr
Safety First	2 hrs
Safety Intervention	1 hr
Sexual Harassment in the Workplace	1 hr
Sexual Harassment in the Workplace	1 hr
Site Control Safety	2 hrs
The Importance of Safety Health & Welfare	2 hrs
The Importance of Safety Health & Welfare	2 hrs
Toxic Waste Containment and Disposal	1 hr
Understanding FEMA	1 hr

## HVAC

Course Name	PDH Credit
Commercial Building HVAC	1 hr

## Industrial

Course Name	PDH Credit
Nuclear Engineering	1 hr

## Laws and Ethics

Course Name	PDH Credit
Advanced Ethics	1 hr
Advanced Ethics	1 hr
Advanced Ethics for the Texas Professional Engineer	1 hr
Engineering Professionalism and Ethics	1 hr
Ethical Choices We Face as Engineers	1 hr
Advanced Ethics	1 hr
Advanced Ethics	1 hr
Advanced Ethics for the Texas Professional Engineer	1 hr
Engineering Professionalism and Ethics	1 hr
Ethical Choices We Face as Engineers	1 hr
Ethical PE Choices	1 hr
Ethics for the PE	1 hr
Ethics for Texas Professional Engineers	1 hr
Ethics Law and Order	1 hr
Ethics - Texas PE Style	1 hr
Fair Housing Act	1 hr
Florid Ethics for Professional Engineers - Biennium Cycle	1 hr
Florida Laws & Rules for Professional Engineers	1 hr
Law & Order - ETHICS	1 hr
Maryland Laws and Rules	2 hrs
NJ Laws and Rules for Pes	2 hrs
North Carolina PE - Laws, Rules & Professional Ethics	1 hr
North Carolina PE - Laws, Rules & Professional Ethics	1 hr
The Contract	2 hrs
The Importance of Professional Ethics	1 hr
Unethical Lessons Learned	1 hr
Universal Professional Ethics	1 hr

## Mechanical Engineering

Course Name	PDH Credit
Design Disasters	2 hrs
Engineering to Fly Supersonic	1 hr
Mechanical Energy Storage	1 hr
Mechanical Properties of Materials	1 hr
Mechanical Systems	1 hr
Real Mechanical Endeavors	1 hr
Super Sewers	1 hr
The Mechanical Properties of Minoan Greek Water Management	1 hr
Thermodynamics of Combustion Systems	1 hr

## Petroleum

Course Name	PDH Credit
Health, Safety, and Environment - Petroleum Industry	2 hrs
Petroleum Drilling Safety	1 hr
Petroleum "Deepwater Disaster"	1 hr

# The following On-Demand Live Webcasts are included....

## Project Management

Course Name	PDH Credit
Accident and Injury Protection	2 hrs
Accident and Injury Protection Part 2	2 hrs
Accident and Injury Protection	2 hrs
Accident and Injury Protection Part 2	2 hrs
Advanced Project Management Skills	1 hr
Age of Digital	1 hr
Apollo Missions	2 hrs
CMT - Construction Materials Testing	2 hrs
Contracts & Consultants - Professional Engineering Accountability	1 hr
Creative Business Development for PEs	2 hrs
Deformation Response	1 hr
Engineering Lessons Learned	2 hrs
Engineering Surface Drainage	1 hr
Engineering Solutions to Prevent Doomsday	1 hr
Failure Analysis An Expert Opinion	1 hr
Five Reasons to Develop Project Management Skills	1 hr
Forensic Engineering Insight	1 hr
Forensic Engineering Science	1 hr
Improved Project Management Techniques	1 hr
Improved Project Management Techniques II	1 hr
Infrared Thermography	1 hr
Inspirations for PEs	1 hr
Lowering Workers Compensation Cost	1 hr
Marketing Business Principles	2 hrs
Measuring & Controlling Harmonics	1 hr
Mitigation of Risk - Project Management	1 hr
Motivational Leadership for PEs	1 hr
Noise cancellation	1 hr
Organization Skills for PMs	1 hr
Organizing - The PE	1 hr
PE's Approach to Marketing Services	2 hrs
PM - Engineering Failures	1 hr
PM Leadership Skills	2 hrs
PM - Mitigate Project Failure	2 hrs
Project Management	1 hr
Project Management - Disputes & Resolution	1 hr
Project Management for Engineers	2 hrs
Project Management Methodology	2 hrs
Project Management PE Style	1 hr
Project Management Secrets Revealed	1 hr
Project Management Tips for PEs	2 hrs
Spill Prevention and Control Measures	1 hr
The PM Show	2 hrs
Traffic Engineering Elements	1 hr

## Structural

Course Name	PDH Credit
Acoustic Design Parameters	1 hr
Advanced Pavement Materials	1 hr
Ancient Engineering	1 hr
Ancient Engineering - The Unknowns	1 hr
Engineering Mars	1 hr
Infrastructure Development	2 hrs
Live Load / Dead Load	1 hr
Rome - Engineering an Empire	1 hr
Structural Composite Lumber	1 hr
Structural Metal Magic	1 hr
The Hypogeum	1 hr
Urban Sprawl Challenges	1 hr

## Sustainability

Course Name	PDH Credit
Energy Independence	1 hr
Sustainable Building Practices	1 hr

