



Unlimited PDH

Library Silver

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



The PDH Library

The PDH Library Silver is the ultimate PDH learning program. Our Silver membership provides you with access to over 400 online PDH courses and unlimited PDH credit for 12 months, so you can complete as many PDH credits as you like. New courses will also 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 Silver 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 Silver 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 Interactive Courses

Immediately access over 400 online 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 upon passing the included online, multiple choice exam.

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
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 Series Primer for Design of Commercial Buildings to Mitigate Terrorist Attacks	5 hrs
Risk Management Series: Designing for Earthquakes	9 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
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

Course Name	PDH Credit
Selecting a Lot and Siting the Building	1 hr
Site Safety Intervention	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
Atomic Energy Act	2 hrs
Bridge Inspection, Maintenance, and Repair	7 hrs
Bridge Maintenance	6 hrs
Cathodic Protection Systems For Civil Works Structures	5 hrs
Common ADA Errors and Omissions in New Construction and Alterations	2 hrs
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
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
Risk Management: Communicating with Owners and Managers of New Buildings on Earthquake Risk	7 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
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
Urban Design Factors	2 hrs

The following Online Courses are included...

Chemical

Course Name	PDH Credit
Adsorbtion	4 hrs
Batter Stored Energy	1 hr
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
Mission Petroleum	2 hrs
Nitrogen Oxides (Nox), Why And How They Are Controlled	4 hrs
Principles of Water Treatment	3 hrs
Return of the VOCs	1 hr
Reactor Water Chemistry	3 hrs
Test Instruments and Measuring Devices	2 hrs
The VOCs	1 hr

Civil Engineering

Composite Engineered Materials	1 hr
ADA Recreation Facilities Rules	2 hrs
ADA Standards for Accessible Design	8 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
Construction Site Stormwater Runoff Control	8 hrs
Corrosion	1 hr
Cross-Connection Control: Safety	2 hrs
Design and Construction of Levees	6 hrs
Design Build Tips	1 hr
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
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
Engineering Disasters	2 hrs
Engineering the Future	1 hr
Excavations	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
Guide to Plant Materials	5 hrs
Guide to Structures and Properties of Metals	5 hrs
Guide to Thermal Stress and Brittle Fractures	2 hrs
High Performance Engineering	1 hr
High Rise Engineering	1 hr
High Speed Trains	1 hr
History of Coastal Engineering	2 hrs
History of the Army Corp Engineers	1 hr

Course Name	PDH Credit
History of The Gulf Intracoastal Waterways	3 hrs
Hydrologic Impact	2 hrs
Ice Forces on Structures	2 hrs
Inspection of Highway and Rail Transit Tunnels	9 hrs
Land Treatment Systems Operation and Maintenance	3 hrs
Leak Detection and Repair	2 hrs
LID Low Impact Development Techniques	1 hr
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
MOT Maintenance of Traffic	1 hr
Motivational Theories	1 hr
Occupational Safety and Health Admin Labor Subpart R - Steel Erection	1 hr
Pavement Designs	1 hr
Pavement Maintenance Management	5 hrs
Physical Properties and Moisture Relations of Wood	1 hr
Preservation Standards for Historic Buildings	4 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
Site Planning and Design	2 hrs
Soil Mechanics	2 hrs
Standard Practice for Concrete Pavement	2 hrs
Standard Practice for Sealing Joints and Cracks in Rigid and Flexible Pavements	2 hrs
Stormwater Management	1 hr
Stormwater Management for TMDLs in an Arid Climate	4 hrs
Superconductors	1 hr
The Inside Story: A Guide to Indoor Air Quality	3 hrs
The Traffic Engineer	1 hr
Time Management Techniques	1 hr
Traffic Engineering Science	1 hr
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
Use of Wood in Buildings and Bridges	1 hr
UST Underground Storage Tanks	1 hr
Wastewater Characteristics, Flow and Transport and Fate of Pollutants in the Receiving Environment	7 hrs

Electrical

Course Name	PDH Credit
AC Generators and Motors	1 hr
Advantages of Electricity Storage to the Electric 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
Direct Current Circuits Fundamentals	6 hrs
Electrical Distribution Systems	2 hrs
Electrical Science	4 hrs
Energy Management for Motor Driven Systems	8 hrs
Facilities Engineering-Electrical Exterior Facilities	7 hrs

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

Electrical

Course Name	PDH Credit
Ground-Fault Protection on Construction Sites	1hr
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
Matter, Energy and Electricity	4 hrs
Power Supplies Basics	4 hrs
Power Technologies Energy Data Book	4 hrs
The Smart Grid: An Introduction	3 hrs
Transformers	4 hrs
9000 Degrees F Electrical ARC Flash	1hr

Electrical Engineering

Course Name	PDH Credit
Digital Communication & Video Compression	1hr
Electrical Wonders	1hr
Fiber Optics	1hr
NEC Electric Code Changes/Revisions	1hr
Noise Cancellation Technology	1hr

Environmental

Course Name	PDH Credit
Air Quality Regulations for Stationary Engines	2 hrs
Brownfield Site Redevelopment	2 hrs
Coral Reef Assessments	3 hrs
Deep Water Port Act	2 hrs
Design, Construction and Operation - Small Wastewater Systems	3 hrs
Electrostatic Precipitators for Air Pollution Control	6 hrs
Emerging Technologies for Biosolids Management	6 hrs
Engineering and Design - Design of Small Water Systems	3 hrs
Engineering Urban Sprawl	2 hrs
Environmental Restoration Challenges	1hr
Environmental Sign of the Times	1hr
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
Getting to Smart Growth: 100 Policies for Implementation	4 hrs
Going Nuclear	2 hrs
Graywater Treatment Using Constructed Wetlands	2 hrs
Green House Effect	1hr
GREEN Sustainable Retrofits	2 hrs
Green Roofs	1hr
Groundwater Modeling	1hr
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 the National Pollutant Discharge Elimination System (NPDES) Construction Site General Permit	4 hrs
Land Development Paradigm	2 hrs
Landfill Gas Collection and Treatment Systems	4 hrs
National Stormwater Calculator Users Guide	2 hrs

Course Name	PDH Credit
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
Plate Tectonics	1 hr
Pollution Prevention Act of 1990	2 hrs
Ponds - Planning, Design and Construction	6 hrs
Protecting Drinking Water	2 hrs
So2 and Acid Gas Controls	4 hrs
Soils - Bearing Capacity	1 hr
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
The Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)	3 hrs
The EPA	1 hr
The Great Barrier Reef	2 hrs
The Green Effect	2 hrs
The Greenwash Movement	1 hr
The Part 75 Rule	8 hrs
The Plain English Guide to the Clean Air Act	3 hrs
Tsunamis	1 hr
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
Wind Mitigation	1 hr

Geotechnical

Course Name	PDH Credit
Cleanup Methods for Contaminated Soil and Groundwater	4 hrs
Design of Pile Foundations	5 hrs
Design of Sheet Pile Walls	5 hrs
Foundations	2 hrs
Geo Sinkholes	2 hrs
Geo Soil Compaction	2 hrs
Geotechnical Soil Compaction	2 hrs
Guide to Rock Foundations	5 hrs
Guide to Slope Stability	4 hrs
Guide to the Bearing Capacity of Soils	5 hrs
Magnetic Materials	1 hr
Seismic Insight	1 hr
Settlement Analysis	5 hrs

Health and Safety

Course Name	PDH Credit
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

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

Health and Safety

Course Name	PDH Credit
Explosive Safety Standards	5 hrs
Fall Protection in Construction	2 hrs
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 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
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
Understanding FEMA	1 hr
Asbestos for Pes	1 hr
Fire Safety: Fire Prevention and Managing Emergency Situations in the Work Place	2 hrs
Forensic Engineering	1 hr
Hurricane Design: Preparation and Awareness	2 hrs
Implementing Workplace Safety Culture	2 hrs
Safety First	2 hrs
Safety Intervention	1 hr
Site Control Safety	2 hrs
Toxic Waste Containment and Disposal	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
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
Advanced Ethics for the Texas Professional Engineer	1 hr
Engineering Ethics for the North Carolina Professional Engineer	2 hrs
Engineering Professionalism and Ethics	1 hr
Ethical Choices We Face as Engineers	1 hr
Ethics Challenger Disaster	3 hrs
Ethics for Texas Professional Engineers	1 hr
Ethics NSPE	2 hrs
Advanced Ethics for the Texas Professional Engineer	1 hr
Engineering Ethics for the North Carolina Professional Engineer	2 hrs
Engineering Professionalism and Ethics	1 hr
Ethical Choices We Face as Engineers	1 hr
Ethics Challenger Disaster	3 hrs
Ethics for Texas Professional Engineers	1 hr
Ethics - Texas PE Style	1 hr
Ethics NSPE	2 hrs
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
Maryland Laws and Rules	2 hrs
NJ Laws and Rules for Pes	2 hrs
North Carolina Laws & Rules	4 hrs
Pennsylvania Laws, Rules, and Ethics	2 hrs
Rules of Professional Conduct for Tennessee Engineers	1 hr
Simulated Live: Florid Ethics for Professional Engineers - Biennium Cycle	1 hr
Simulated Live: Florida Laws & Rules for Professional 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

Mechanical Engineering

Course Name	PDH Credit
Air Stripping	2 hrs
Coating Types and Characteristics	4 hrs
Corrosion Theory and Corrosion Protection	1 hr
Engineering to Fly Supersonic	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
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
Lubricating Oils Additives	2 hrs
Lubrication Grease	2 hrs
Lubrication Hydraulic Fluids	1 hr
Lubrication Principles	2 hrs
Mechanical Science - Valves	4 hrs
Mechanical Energy Storage	1 hr
Mechanical Properties of Materials	1 hr
Noise and Vibration Control	3 hrs
Pressure Vessel Guidelines	1 hr
Steam System Survey Guide	6 hrs
Steel Erection Safety Requirements	4 hrs

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

Mechanical Engineering

Course Name	PDH Credit
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, Potential Impacts and Mitigation Measures	2 hrs
Health, Safety, and Environment - Petroleum Industry	2 hrs
Oil Pollution Act - 1990	3 hrs
Opportunities for Petroleum Brownfields	2 hrs
Petroleum Brownfields	2 hrs
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, Potential 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
Accident and Injury Protection	2 hrs
Advanced Project Management Skills	1 hr
Apollo Missions	2 hrs
Creative Business Development for PEs	2 hrs
Engineering Lessons Learned	2 hrs
Engineering Solutions to Prevent Doomsday	1 hr
Failure Analysis An Expert Opinion	1 hr
Forensic Engineering Insight	1 hr
Forensic Engineering Science	1 hr
Inspirations for PEs	1 hr
Project Management	1 hr
Project Management for Engineers	2 hrs
Project Management Tips for PEs	2 hrs
Project Management PE Style	1 hr
Spill Prevention and Control Measures	1 hr
Traffic Engineering Elements	1 hr

Structural

Course Name	PDH Credit
Acoustic Design Parameters	1 hr
Ancient Engineering	1 hr
Concrete Mixture Optimization Using Statistical Methods	5 hrs
Construction with Large Stone	4 hrs
Design of Buildings in High Wind Coastal Areas	12 hrs
Guide on How to Build Radon-Resistant Homes	3 hrs
Lumber Stress Grades and Design Properties	1 hr
Residential Guide to Earthquake Design and Construction	5 hrs
Rome Engineering an Empire	1 hr
Scaffolding Use, Guidelines & Application	2 hrs
Stability Analysis of Concrete Structures	6 hrs
Standards for the Treatment of Historic Properties	6 hrs
Structural Composite Lumber	1 hr
Structural Metal Magic	1 hr
Surface Preparation	3 hrs
Tornado Risks and Hazards in the Southeastern USA	2 hrs
Unsurfaced Road Maintenance Management	2 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

