Surveying

2007 National Readjustment of the North American Datum 1983 (FLSM #0007651)
Construction Surveying (FLSM #0004019)
Geodesy for Engineers and Surveyors (FLSM #0004029)
Great Surveyors and Their Surveys (FLSM #0008277)
Heavy Highway Construction Surveying: Part 1 New
Heavy Highway Construction Surveying: Part 2 New
History of The Government Land Office (FLSM #0007650)
History of Surveying Instruments: Impact and Accuracy (FLSM #0006989)
Improving Surveying Field Procedures using the Total Station (FLSM #0006990)
Professional Ethics for Land Surveyors (FLSM #0006287) New
Retracing and Proofing Original GLO Section Corners (FLS# 0008492)
Role of Engineers/Surveyors in GIS (FLSM #0007376)
Standards of Practice for Surveying in Alabama
State Plane Coordinates (FLSM #0004034)
Surveying With GPS (FLSM #0007375)
The Art of Land Surveying (FLSM #0008103)
The Colonial Land System and The Building of America (FLSM #0004031)
The Pincushion Effect (FLSM #0007220)
The Rectangular Land System: Subdivision of Public Lands (FLSM #0004032)
The Use of Magnetic Instruments (FLSM #0008102)
Understanding Boundary Law, Case Law and Principles of Surveying Law (FLSM #0007219)
Vertical Datums and Leveling (FLSM #0004033)

Management, Ethics and Legal (New York state board will not approve courses in this section)

ADA Self-Evaluation/Transition Plans
Business Ethics Module I (FLSM #0007648)
Business Ethics Module II (FLSM #0007649)
Buying or Selling an Engineering or Land Surveying Firm (FLSM #0006286)
Common Sense Leadership New
Contract Administration: Change Order Basics
Contracts for Engineers and Surveyors (FLSM #0004021)
Decision Making Using Business Metrics
Effective Marketing of Professional Services for Engineers and Surveyors (FLSM #0004026)
Engineering Economic Analysis (FLSM #0006987)
Engineering Math
Essential Financial Skills Part 1
Essential Financial Skills: Part 2
Essentials of Energy Management
Essentials of Measurement Systems Analysis New
Essentials of Quality Systems Auditing (based on ISO 19011)
Establishing Your Engineering or Surveying Firm (FLSM #0004024)
Ethics and Professionalism (FLSM #0004023)
Managing Change: A Process Model that Works
On-Time: Project Scheduling Basics (FLSM #0006988)
Overview of Elements of Public Right-of-Way Accessibility
Project Management
Selling and Negotiating for the Technical Professional
Technically Speaking: Presentation Skills For Engineers and Technical Professionals (FLSM #0007218)
Technically Speaking: Part 2: Leadership Essentials for Engineers and Technical Professionals
Ten Essentials: Common Sense Principles for Business
Tips for Auditing ISO 9001, IATF 16949, and AS 9100 Quality Systems
Tort Liability and Ethics for Public Agencies
Understanding AS 9100D
Understanding ISO 9001: 2015
Understanding ISO 14001: 2015
Writing Effectively: Written Communication Skills for Engineers and Technical Professionals

Essentials of Effective Problem Solving

Effective Problem Solving Methods
Process Analysis for Problem Solving
Dealing with Human Error Problems
Tools for Problem Solving
Error-Proofing Essentials

Risk Management

Risk Management Essentials
Risk Management Tools and Techniques
Failure Mode Effects Analysis (FMEA)
Managing Project Risk(s)
When Disaster Strikes-Contingency Planning

*Prices in effect till October 1, 2020

Auburn University is an equal opportunity educational institution/employer.
Corporate Continuing Education Courses

- Cost effective method to educate your workforce and increase your competitiveness
- Quality courses you can trust
- Instructors are AU faculty and subject matter experts
- Education at your fingertips 24 hours a day

Call today at 1.833.419.8528 or 334.844.5807
For sample videos of our courses please visit our website at www.eng.auburn.edu/epd

Engineering Continuing Education
Auburn University
217 Ramsay Hall
Auburn, AL 36849-5391
Email: engce@eng.auburn.edu
Organizational Cost Benefit Example for a 3-hour Course

7 individual course orders at $60 per hour: $180 x 7 = $1260 - $900 (org. order) = $360 savings

10 individual course orders at $60 per hour: $180 x 10 = $1,800 - $900 (org. order) = $900 savings

Organization price at $300 per hour

1 organization course order for a 3-hour course
(Certification extra) $900 x 1 = $900

Savings of $360 and $900!

Certification is $30 per employee for an organization order - we have found that many organizations only certify some employees, or if an employee wants certification for themselves it’s at a very reasonable price.

Unlimited number of employees may view the courses

• Earn continuing education units (CEUs); $30 per certificate
• Convenient access to online courses 24 hours a day.
• You may view on PC, MAC, iPad, or MP3 player

Corporate pricing rate - $300 per hour

Civil/Structural/Landscape Architecture
Aggregate Properties and Testing
Asphalt Binder Tests and Specifications
Asphalt Mix Design
Asphalt Pavement Preservation & Rehabilitation
Bicycle and Pedestrian Facilities
Concrete: Commercial Slab on Grade
Concrete: Residential Slab on Grade
Design of Structural Steel Members using LRFD
Erosion and Sediment Control: Rules and Regulations NEW
Erosion and Sediment Control: Erosion Control NEW
Erosion and Sediment Control: Sediment Control NEW
Erosion and Sediment Control: Managing Runoff NEW
Erosion and Sediment Control: Soil Loss Modeling NEW
Erosion and Sediment Control: Site Planning and Management NEW
Erosion and Sediment Control Using Geosynthetics
Foundations of Building
Fundamentals of Roadway Design
Geosynthetics - An Overview of Designs
Geotechnical Failure Lesson
Geotechnical Failures: Cases from the Field
Ground Improvement
Hot Mix Asphalt Compaction
Hot Mix Asphalt Delivery and Placement
Hot Mix Asphalt Paving CS & QC Assurance
Landfill: Basics of Design and Operation (FLSM #0006991)
Marine Spatial Planning: An Introduction to Protecting Ocean and Coastal Resources
Pavement Management Systems
Pervious Concrete
Retaining Wall Design: Using Gabions
Reversing Urban Hydrology: Pervious Pavement
Rigid Retaining Wall Design: Geotechnical Aspects
Roundabouts 101
Seismic Design: Part 1 – Structural Dynamics and Earthquake Engineering
Seismic Design: Part 2 – Seismic Design for Buildings
Soil Basics for Engineers (FLSM #0007647)
Soil Classification for Roads and Engineering
Soils for Pavements
Stories from the Field: What Engineers Need to Know About Construction
Sustainable Pavement: Part 1
Sustainable Pavement: Part 2
Sustainable Pavement: Part 3
Temporary Traffic Control* $300/hr for 1st 10 students, then $100/each additional student

Course # – Hrs
V12J – 1
V10K – 2
V13A – 3
V00B – 5
V12D – 3
V04E – 3
V99P – 3
V12G – 6
V18K – 1
V18L – 1
V18M – 1
V18N – 1
V18P – 1
V18Q – 1
V12E – 2
V08J – 6
V12C – 3
V08L – 1
V13P – 1
V14C – 1
V13N – 4
V10J – 1
V10H – 1
V10M – 3
V04L – 6
V14M – 1
V10N – 1
V09B – 3
V15K – 2
V16E – 2
V14F – 5
V12F – 3
V14B – 2
V15E – 2
V00G – 6
V08K – 1
V06H – 6
V02A – 3
V13L – 4
V14J – 2
V15G – 2
V17H – 4
Shallow Foundations
Geotechnical Aspects of Shallow Foundation Design: Part One
Structural Design of Spread Footings: Part Two

Bridge Design and Evaluation
Bridge LRFD Design
Bridge Load and Steel Girders
Design of Steel and P/C Girders
Evaluation and Rating of Bridges

Reinforced Concrete Design
Axial Compression and Bending
Development Anchorage and Lap Splices
Flexure & Shear
T-beams and Compression Reinforcement

Mechanical
Introduction to Industrial Robotics
Mobile Robotics: Design and Operation for Real World Applications
Review of Conduction and Radiation Heat Transfer
Review of Convention Heat Transfer
Understanding the Second Law of Thermodynamics for Gases

Electrical
An Overview of Electric Power Systems Engineering
Commercial Nuclear Power Plant Regulation
Electrical Circuit Fundamentals for Power Applications
Fundamentals of Operational Amplifiers
Power Electronics
Solar Power
Stepper Motors
Symmetrical Components
The Smart Grid: A Primer
Transformers
Wind Power

Power Quality
Power Quality: Fundamentals
Power Quality: 60 Hz Voltage Problems
Power Quality: Harmonics in Power Systems
Power Quality: Transients

Electric Power System Protection
Part One – Fundamentals
Part Two – System Modeling
Part Three – Fault Calculations
Part Four – Hardware
Part Five – Component Protection
Part Six – Line Protection

Electric Motors and Generators
Part One – Fundamentals
Part Two – Three-Phase Induction Machines
Part Three – Power Electronic Control
Part Four – Three-Phase Synchronous Machines
Part Five – DC Machines
Part Six – Single-Phase Induction Machines

Electrical Power Systems
Part One – Fundamentals Review
Part Two – Power Distribution Systems
Part Three – Loads
Part Four – Protection

General Lighting Design
Part One – Fundamentals and Indoor Calculations
Part Two – Design Considerations, Fixtures and Flood Lighting

Signals and System
Part One – Fundamentals
Part Two – Fourier Concepts
Part Three – Analog Transform Concepts
Part Four – Discrete Transform Concepts