

ASHE Energy University Approved Courses - 1-1-2018

Comprehensive Energy Management Learning Path	Course No.	Contact hours	CEUs	Completed Date
Active energy efficiency with speed control	EE0001EN	0.5	0.05	
Building Controls I: An Introduction to Building Controls	EE0002EN	0.5	0.05	
Building Controls II: Control Sensors	EE0003EN	1	0.1	
Building Controls III: Introduction to Control Loops.	EE0004EN	0.5	0.05	
Building Controls IV: Two Position and Floating Responses	EE0005EN	0.5	0.05	
Building Controls V: Proportional and PID Responses	EE0006EN	0.5	0.05	
Building Controls VI: When to Use Each Response	EE0007EN	0.5	0.05	
Building Controls VII: Interactive Illustration of PID Response	EE0008EN	0.75	0.075	
Building Controls VIII: Controllers and Controlled Devices	EE0009EN	0.5	0.05	
Building envelope	EE0010EN	0.5	0.05	
Combined heat and power	EE0011EN	0.75	0.075	
Commissioning For Energy Efficiency	EE0012EN	0.5	0.05	
Compressed Air I: An Introduction	EE0013EN	0.75	0.075	
Demand response and the smart grid	EE0014EN	0.5	0.05	
Distributed generation	EE0015EN	0.5	0.05	
Efficient motor control with power drive systems	EE0016EN	0.5	0.05	
Energy audits	EE0017EN	0.5	0.05	
Energy audits instrumentation I	EE0018EN	0.5	0.05	
Energy audits instrumentation II	EE0019EN	0.5	0.05	
Energy Efficiency Fundamentals	EE0020EN	0.5	0.05	
Energy Efficiency with Building Automation Systems Part I	EE0021EN	0.25	0.025	
Energy Efficiency with Building Automation Systems Part II	EE0022EN	0.75	0.075	
Energy procurement I	EE0023EN	0.5	0.05	
Energy procurement II	EE0024EN	0.5	0.05	
Energy procurement III	EE0025EN	0.5	0.05	
Energy rate structures part 1: Concepts and unit pricing	EE0026EN	0.25	0.025	
Energy Rate Structures Part II: Understanding and Reducing your Bills	EE0027EN	0.75	0.075	
Fan Systems I: Introduction to Fan Performance	EE0029EN	0.75	0.075	
Fan Systems II: Fan Types	EE0030EN	0.75	0.075	
Fan Systems III: Improving System Efficiency	EE0031EN	0.75	0.075	
Fan Systems IV: Improving System Efficiency	EE0032EN	0.5	0.05	
Financing and Performance Contracting for Energy Efficient Projects	EE0033EN	0.5	0.05	
Going Green with Leadership in Energy and Environmental Design	EE0034EN	0	0	
HVAC and the characteristics of air	EE0035EN	0.25	0.025	
HVAC and psychrometric charts (US units)	EE0037EN	0.25	0.025	
Industrial Insulation I: Materials and Systems	EE0038EN	0.5	0.05	
Industrial Insulation II: Design Data Calculations	EE0039EN	0.5	0.05	
Industrial Insulation III: Inspection, Maintenance and Repair	EE0040EN	0.5	0.05	
Maintenance Best Practices for Energy Efficient Facilities	EE0044EN	0.75	0.075	
Measurement and Verification	EE0045EN	0.5	0.05	
Measuring and benchmarking energy performance	EE0046EN	0.75	0.075	
Power factor correction and harmonics	EE0047EN	0.5	0.05	
Proven Strategies for Saving Energy in a Retail Environment	EE0048EN		0	
Steam systems 1: Advantages and Basics of Steam	EE0049EN	0.5	0.05	
Steam systems 2: Impact of Boiler Sizing	EE0050EN	0.5	0.05	
Steam systems 3: Condensate Removal : Distribution Control & Regulation of Steam	EE0051EN	0.5	0.05	
Steam systems 4: Condensate Removal -Prevent your energy from going down the drain	EE0052EN	0.75	0.075	
Steam systems 5: Condensate Removal - Maximizing Your Recovery	EE0053EN	0.75	0.075	
Steam systems 6: Recovering Energy from Flash Steam	EE0054EN	0.5	0.05	
Strategic Energy Planning	EE0055EN	0.75	0.075	
Thermal Energy Storage	EE0056EN	0.75	0.075	
Energy Units and Concepts	EE0057EN	0.5	0.05	
US Energy Codes and standards	EE0058EN	0.75	0.075	
Waste heat recovery	EE0059EN	1	0.1	
Pumping Systems I: Pump Types and Performance	EE0060EN	0.75	0.075	
HVAC Geothermal Heat Pumps	EE0061EN	0.75	0.075	

Pumping Systems II: Efficient Flow Control	EE0062EN	0.75	0.075	
Electric Vehicles: Plugging into Smarter Energy Management	EE0063EN	0	0	
Pumping Systems III: Improving System Efficiencies	EE0064EN	0.5	0.05	
Lighting I: Lighting Your Way: Four Principles for Efficiency	EE0065EN	1	0.1	
Lighting II: Defining Light	EE0066EN	0.5	0.05	
Compressed Air Systems II: Compressor Types	EE0067EN	0.5	0.05	
How to Use the Energy University Site	EE0068EN	0	0	
Combustion Processes	EE0069EN	0.75	0.075	
Financial Analysis of Projects I	EE0070EN	0.75	0.075	
Lighting III: Lamp Families: Incandescent and Low Pressure Discharge	EE0071EN	0.75	0.075	
Lighting IV: Basic Lamp Families: High-Intensity Discharge and LED	EE0072EN	0.75	0.075	
HVAC Thermodynamic States	EE0073EN	0.5	0.05	
Boiler Types and Opportunities for Energy Efficiency	EE0074EN	0.75	0.075	
Compressed Air III: Controlled Methods	EE0075EN	0.75	0.075	
Energy Codes and standards for Europe		0	0	
Going Green with Leadership in Energy and Environment Design (LEED)		0	0	
Retro-Commissioning: Energy Savings Solutions for Healthcare	HC0001EN	0.5	0.05	
Establishing An Optimal Physical Environment In A Health Care Setting	HC0002EN	0.75	0.075	
Retro-Commissioning: Process and Implementation in Healthcare Facilities I	HC0003EN	1	0.1	
Fundamentals of Health Care Facility Electrical Power Systems	HC0004EN	0.75	0.075	
Retro-Commissioning: Process and Implementation in Healthcare Facilities II	HC0005EN	0.5	0.05	
Components of a Health Care Electrical Distribution System	HC0006EN	0.75	0.075	
Emergency Power Generators For Healthcare Facilities	HC0007EN	0.75	0.075	
Testing Emergency Power In Health Care Facilities	HC0008EN	0.75	0.075	
Room Ventilation & Airborne Disease Transmission In A Healthcare Setting	HC0009EN	0.75	0.075	
Managing The Physical Health Care Environment	HC0010EN	0.75	0.075	
	Total	46.75	4.675	0