

### **Operating Engineer Training Programs**

1. International Union of Operating Engineers (IUOE) - Stationary Engineer Training
2. Community College of Allegheny County- Stationary Operating Engineer
3. City of Kansas City, Missouri - Operating Engineer Certificate
4. University of North Carolina-Charlotte (UNC Charlotte) - Net-Zero Energy Building Operator Training Program (NZEBOT)
5. Gas Technology Institute (GTI) – Sustainable Operations Certificate
6. City University of New York- Benchmark Green: Commercial Building Operator Certificate Program
7. Texas A&M - Training Program for Maintaining High Efficiency Commercial Buildings
8. University of Turabo– Commercial Building Operators (CBO)
9. Renton Technical College – Commercial Building Engineer
10. International Code Council (ICC)- Stationary Engineer Certificate
11. International Union of Operating Engineers (IUOE) - Model Energy Conservation

### **Operating Engineer Certification Programs**

1. Northwest Energy Efficiency Council - Building Operators Certification (BOC)

### **Facility Manager Training Programs**

1. APPA - Institute for Facilities Management
2. Northwest Energy Education Institute – Energy Management Certificate
3. University of California/San Diego (UCSD) Extension – Facilities Management Certificate
4. Northern Illinois University (NIU) - Certified Facility Manager (CFM) and Facility Management Professional (FMP)
5. University of Wisconsin-Madison, Department of Engineering Professional Development (EPD) - Total Energy, Environment and Asset Management (TE2AM)

### **Facility Manager Certification Programs**

1. American Society of Heating, Refrigerating and Air-conditioning Engineers (ASHRAE) - Operations & Performance Management Professional Certification
2. International Facility Management Association (IFMA) - Facility Management Professional (FMP)

### **Energy Modeler Training Programs**

1. energy-models.com – Online Energy Modeling Training
2. NEXUS - Energy Modeling & Using eQuest to Achieve LEED EAc1
3. Thermal Energy System Specialists (TESS) – TRNSYS Training
4. University of Wisconsin - Energy Modeling for High Performance Buildings
5. TRANE – TRACE 700 Training
6. International Building Performance Simulation Association (IBPSA) - Building Energy Modeling Workshops

7. The Vermont Chapter of American Institute of Architects - eQuest Energy Modeling Training
8. Bentley - Whole Building Simulation Using EnergyPlus with Hevacomp V8i
9. Building Performance Institute (BPI) - Multifamily Building Analyst Training
10. Karpman Consulting - eQUEST Training
11. Integrated Environmental Solutions (IES) – Virtual Environment (VE)

### **Energy Modeler Certification Programs**

1. American Society of Heating, Refrigerating and Air-conditioning Engineers (ASHRAE) - Building Energy Modeling Professional (BEMP) Certification
2. Association of Energy Engineers (AEE) - Certified Building Energy Simulation Analyst (BESA)

### **Energy Manager Training Programs**

1. Kentucky Energy Efficiency Programs for Schools (KEEPS)
2. U.S. Army - Energy Manager Training Workshop
3. The University of Tennessee, Institute for Public Service, Center of Industrial Service (CIS)
4. National Energy Education Development (NEED) - NEED Facilitator Training
5. Salt Lake Community College – A.A.S. Degree for Energy Management
6. De Anza College, California - Energy Management Technology (EMT)
7. San Diego State University - Professional Certificate in Green Energy Management Online
8. Oakland University - Energy Management Certificate
9. Cascadia Community College - Energy Management Specialist Certificate
10. University of Nevada, Reno - Energy Management Certificate Program
11. British Columbia Institute of Technology (BCIT) - Sustainable Energy Management Associate Certificate
12. Eastern Connecticut's Public Liberal Arts University - Sustainable Energy Management
13. Douglas College - Building Energy and Resource Management Certificate Program
14. Mount Wachusett Community College - Energy Management Certificate
15. University of Windsor - Advanced Professional Certificate in Energy Management
16. Lane Community College - Energy Management Program
17. North Carolina State University – Energy Management Diploma (Certificate)

### **Energy Manager Certification Programs**

1. Association of Energy Engineers Energy Manager in Training (EMIT)
2. Association of Energy Engineers Certified Energy Manager (CEM)
3. Northwest Energy Education Institute (NEEI) - Energy Management Certification (EMC)
4. University of California, Davis - Professional Certification in Energy Resource Management
5. The City University of New York - Energy Management and Indoor Air Quality Certification

## **Commissioning / Retro-Commissioning Professional Training Programs**

1. University of Nebraska-Lincoln (UNL) Veterans Commissioning Training Program for Commercial-Healthcare Facilities
2. New Jersey Institute of Technology (NJIT) Center for Building Knowledge - Energy Commissioning Agents/Auditors (ECAA)
3. New York University - Commissioning Sustainable Buildings Course
4. Portland Energy Conservation Inc (PECI) - Commissioning / Retro-Commissioning Seminars and “Brown Bag” Trainings
5. Southface – Online Building Commissioning Course - Ensuring High Performance Green Buildings
6. EPACampus.com – Online Building Commissioning Course
7. Electric League of the Pacific Northwest – Practical Existing Building Commissioning Workshop
8. University of California, Berkley Extension – Building Commissioning for LEED
9. Larney College – Introduction to Building Commissioning, and Advanced Building Commissioning
10. Building Operator Certification (BOC) – Introduction to Building Commissioning
11. Constructionclasses.com – Green Building Commissioning Class
12. Association for the Advancement of Cost Engineering (AACE) – Construction and Building Commissioning
13. Community College of Allegheny County - Building Commissioning--Pay Me Now Or Pay Me Later
14. The Cooper Union Continuing Education – Introduction to Building Commissioning
15. Colorado State University (CSU) – Building Commissioning
16. US Army Engineer Research and Development Center – Commissionpedia - Electronic Sourcebook for Building Commissioning

## **Commissioning / Retro-Commissioning Professional Certification Programs**

1. American Society of Heating, Refrigerating and Air-conditioning Engineers (ASHRAE) - Commissioning Process Management Professional (CPMP) Certification
2. Building Commissioning Association (BCA) - Certified Commissioning Professional (CCP)
3. National Environmental Balancing Bureau (NEBB) - Building Systems Commissioning Certification (BSC)
4. National Environmental Balancing Bureau (NEBB) – Retro Commissioning (RCx) Certification
5. Testing Adjusting and Balancing Bureau (TABB) – Certified Commissioning Supervisor (CCS)
6. Testing Adjusting and Balancing Bureau (TABB) – Certified Commissioning Contractor (CCC)
7. The University of Wisconsin, Madison – Commissioning Process Certification
8. Association of Energy Engineers (AEE) - Certified Building Commissioning Professional (CBCP)
9. Association of Energy Engineers (AEE) - Existing Building Commissioning Professional (EBCPTM)
10. AABC Commissioning Group (ACG) – Certified Commissioning Authority (CxA)
11. AABC Commissioning Group (ACG) – Certified Commissioning Technician (CxT)

### **Energy Auditor Training Programs**

1. Building Owners and Managers Association (BOMA) International – BOMA Energy Efficiency Program (BEEP)
2. Milwaukee Area Technical College (MATC) – Energy Engineering Technology Certificate
3. United Tribes Technical College (UTTC) - Native American Energy Auditor Training Program
4. Cascadia Community College - Energy Audit Specialist Certificate<sup>58</sup>
5. Shoreline Community College – Energy Audit 1: Certificate of Completion
6. Denby Energy - Commercial Energy Auditor Training
7. Rutgers University Continuing Education - Commercial Energy Auditor/Consultant

### **Energy Auditor Certification Programs**

1. American Society of Heating, Refrigerating and Air-conditioning Engineers (ASHRAE) – Building Energy Assessment Professional (BEAP) Certification
2. Association of Energy Engineers (AEE) - Certified Energy Auditor (CEA)
3. National Energy and Sustainability Institute (NEASI) - Commercial Energy Auditor Certification
4. Efficiency Valuation Organization and the Association of Energy Engineers - Certified Measurement and Verification Professional Program
5. Energy Audit Institute - Commercial Energy Audit Certification