



HVAC SYSTEMS - CEM REFRESHER

ONLINE TRAINING COURSE

KRISHNAJI PAWAR, LEED AP BD+C, GSAS CGP, ISO 14001:2015, GCP
ENERGY SPECIALIST CURRICULUM





SUMMARY AND RESOURCES

FOR ENERGY PROFESSIONALS

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SUMMARY



Learn HVAC and Refrigeration System, Vapor compression refrigeration cycle, Factors affecting Refrigeration and Air conditioning system performance and Vapor absorption refrigeration system

Understand Types and Functions of HVAC Systems

Learn about Vapor Compression Cycle, COP, EER, SEER, IPLV and HVAC Energy Efficiency Measures

Understand Psychrometric Chart & Processes, Sensible & Latent Heat Transfer Calculations, Energy Performance Assessment of HVAC Systems & Global Environmental Concerns.



KEY TAKEAWAYS

Work through practical examples to demonstrate the topics and procedures covered.

Review the various areas of the Body of Knowledge - HVAC Systems with AEE's / BEE's certification exam perspective.

Work through practical examples to demonstrate the topics and procedures covered.

This training program helps to prepares attendees to take the Certified Energy Manager® (CEM®) exam.

One of the most globally respected certifications in the field of energy efficiency and energy management. Gain industry and peer recognition, bring value to your organization and propel your career forward.

Get CERTIFIED ENERGY MANAGER - CEM Credentials in your CV



RESOURCES

Refrigeration and Air Conditioning by Richard C.Jordan & Gayle B.Priester - Prentice Hall of India Pvt.Ltd.

Modern Air Conditioning Practice by Norman C.Harris - McGraw-Hill International Edition.

Technology Menu on Energy Efficiency (NPC)

ASHRAE Hand Book

Cleaner Production - Energy Efficiency Manual for GERIAP, UNEP, Bangkok prepared by National Productivity Council

Training material on 'Environmental concerns' prepared by National Productivity Council



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MARKETPLACE**