



ONLINE COURSES

INDUSTRY: HEALTHCARE

ARMSTRONG UNIVERSITY

Knowledge Not Shared is Energy Wasted.®

Welcome to Armstrong University Online for the Healthcare Industry. We offer a variety of online courses to address the many issues you face each day.

For any healthcare organization, providing a safe, comfortable environment for patients and staff is a vital concern fraught with obstacles and complex issues. Patient satisfaction, and ultimately your bottom line, can be impacted by your ability to manage air quality, humidity levels, sterilization, and hot water distribution and water temperature control—while facing demands to cut costs and emissions. Armstrong is a global leader in energy management. We can manage your steam, humidification and hot water and we can do it better than anyone in the world. Our experts apply a uniquely holistic approach to uncover the root cause of each issue, resulting in intelligent solutions that save time, money and energy for organizations throughout the global healthcare market.

As your thermal utility partner, Armstrong is here to make things easier. We improve patient and staff safety by reducing static discharge, ensuring proper sterilization, and producing water hot enough to retard incubation of water-borne bacteria such as Legionella, but with a system that fails cold to prevent scalding. We increase patient satisfaction with proper humidification, improved air quality, and instantaneous hot water generation and water temperature control. Armstrong helps you meet rising demands for sustainability, energy and water conservation, and reduced carbon footprint, preserving your status as good environmental stewards and responsible corporate citizens.

From system design for a new facility to custom engineering and turnkey installations, Armstrong does it all. We provide on-site system solutions, hardworking products, quality manufacturing, and groundbreaking services. On the forefront of technology and innovation, Armstrong offers wireless monitoring, energy loss and system performance reports for all of your major utilities, live data gathering, digital solutions, the best utilities management software on the market, and more. We give you the advantage of consistent accuracy with state-of-the-art tools such as automatic steam quality monitoring—one of many solutions found only at Armstrong.

More than a century of sage knowledge and in-depth expertise enables us to serve you in ways no one else can. This wealth of insight and information is conveniently accessible through Armstrong University. To learn more about what Armstrong International can do for you, or to speak with an Armstrong expert from your region of the world, please contact us. When you turn to Armstrong, you can consider it done.

Visit armstronginternational.com/courses-healthcare today.

Armstrong provides intelligent system solutions that improve utility performance, lower energy consumption, and reduce environmental emissions while providing an “enjoyable experience.”



Recommended courses for the Healthcare Industry - armstronginternational.com/courses-healthcare

For a complete listing of courses, click here: [Course Handbook](#)

COMMON ISSUE: INCREASE PATIENT SAFETY AND SATISFACTION

Subject	College	Course
Patient safety	College of Hot water	LEGIONELLA
Hot water generation	College of Hot water	INSTITUTIONAL HOT WATER SYSTEMS - INTRODUCTION FREE COURSE
Water temperature control	College of Hot water	INDUSTRIAL WATER TEMPERATURE CONTROLS & WASHDOWN
Proper humidification	College of HVAC	FUNDAMENTALS OF HUMIDIFICATION FREE COURSE
Steam quality monitoring	College of Steam Users	O&M BEST PRACTICES FOR STEAM USERS
	College of Steam Principles	STEAM QUALITY
Sterilizing medical instruments	College of Steam Users	STERILE APPLICATIONS IN THE HEALTHCARE INDUSTRY

COMMON ISSUE: SAFETY AND SKILL DEVELOPMENT OF UTILITY PERSONNEL

Subject	College	Course
Water hammer mitigation	College of Steam Principles	WATER HAMMER
Safety	College of EH&S	SAFETY TRAINING 101 PACKAGE QUALIFIES FOR CEU

COMMON ISSUE: UTILITY COST MANAGEMENT

Subject	College	Course
Effective pressure/temp control	College of Steam Distribution	PRESSURE AND TEMPERATURE CONTROL ESSENTIALS
Enhancing steam trap performance	College of Steam Distribution	TYPICAL OPTIMIZATION FOR A STEAM DISTRIBUTION SYSTEM
Recognition of system inefficiencies/auditing	College of Steam Users	O&M BEST PRACTICES FOR STEAM USERS
	College of Hot Water	TYPICAL ENERGY SAVINGS IN HOT WATER SYSTEMS
Process heat recovery	College of Heat Recovery	COOLERS AND CONDENSERS
Condensate management	College of Condensate Return	O&M BEST PRACTICES FOR CONDENSATE RETURN SYSTEMS
O&M services	College of Steam Users	O&M BEST PRACTICES FOR STEAM USERS
Effective flow measurement	College of Flow Measurement	FUNDAMENTALS OF FLOW MEASUREMENT FREE COURSE
	College of Flow Measurement	FUNDAMENTALS OF FLOW MEASUREMENT - ADVANCED

OTHER COURSES YOU MAY FIND HELPFUL

Subject	College	Course
	College of Hot water	INSTITUTIONAL HOT WATER SYSTEMS – INTRODUCTION FREE COURSE
	College of Hot water	INSTITUTIONAL HOT WATER SYSTEMS - ADVANCED
	College of Hot water	INSTITUTIONAL WATER TEMPERATURE CONTROLS – NORTH AMERICA
	College of HVAC	COMPONENTS OF AN HVAC SYSTEM FREE COURSE
	College of HVAC	FUNDAMENTALS OF HUMIDIFICATION FREE COURSE
	College of Steam Principles	TYPICAL STEAM AND CONDENSATE SYSTEM COMPONENTS FREE COURSE