

Mastering Preserving, Rehabilitating, Restoring & Reconstructing of Historic Buildings

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Course Overview

This course is the ultimate guide to the best practices in heritage preservation. It covers critical areas such as historic building restoration, preservation techniques, and the rehabilitation of historic buildings. Participants will gain complete knowledge of historical building materials, site setting, and masonry preservation. The course also includes wood preservation, architectural metal restoration, and the restoration of historic roofs and windows. Detailed sessions on entrances and porch preservation, storefront rehabilitation, and structural systems in historic buildings will equip attendees with essential skills. Additionally, the course addresses interior features restoration, historic mechanical systems, building site preservation, energy efficiency in historic buildings, and accessibility in historic preservation. Health and safety considerations, technical guidance on historic preservation, and preservation project management are key components. This course ensures that participants are fully equipped to implement sustainable preservation practices and manage historic district preservation projects effectively.

Target Audience

- Preservation Architects
- Conservation Specialists
- Historic Building Contractors
- Restoration Project Managers
- Urban Planners
- Cultural Heritage Officers
- Government Officials in Preservation Departments
- Museum Curators
- Academic Researchers in Heritage Studies
- Facilities Managers in Historic Sites

Targeted Organizational Departments

- Cultural Heritage Departments
- Urban Planning and Development Departments
- Museum and Gallery Management
- Historic Preservation Agencies
- Facilities Management in Historic Buildings
- Architecture Firms with a Focus on Restoration
- Construction Companies Specializing in Rehabilitation

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Targeted Industries

- Architecture and Construction
- Cultural Heritage and Conservation
- Urban Planning and Development
- Museum and Gallery Management
- Government and Public Administration
- Education and Research in Historic Preservation

Course Offerings

By the end of this course, participants will be able to:

- Assess and apply preservation techniques for historic buildings
- Develop strategies for the restoration of historic architecture
- Implement rehabilitation projects for historic buildings
- Utilize preservation standards and guidelines effectively
- Conduct masonry, wood, and architectural metal restoration
- Manage historic roofs, windows, and storefront restorations
- Ensure energy efficiency and accessibility in historic preservation projects
- Address health and safety considerations in preservation projects
- Execute preservation project management successfully

Training Methodology

This course utilizes various training methods to create an engaging and effective learning experience. Participants will benefit from case studies that provide real-world examples of heritage preservation projects, allowing them to see how the course concepts are applied in practice. Group work and interactive sessions will encourage collaboration and idea-sharing among participants. Feedback sessions will be conducted to address individual challenges and ensure comprehension. The course also includes hands-on workshops where participants can practice preservation techniques and project management skills. By combining theoretical instruction and practical exercises, attendees will gain a comprehensive understanding of the preservation, rehabilitation, restoration, and reconstruction of historic buildings.

Course Toolbox

- complete workbooks on preservation techniques
- Reading materials on preservation standards and guidelines
- Online resources for historic building restoration
- Checklists for masonry, wood, and metal restoration projects
- Templates for preservation project management

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Course Agenda

Day 1: Foundations of Heritage Preservation

- **Topic 1:** Introduction to Heritage Preservation
- **Topic 2:** Choosing an Appropriate Treatment for the Historic Building
- **Topic 3:** Using the Standards and Guidelines for a Preservation, Rehabilitation, Restoration, or Reconstruction Project
- **Topic 4:** Historical Overview: Building Materials, Building Features, Site, Setting, Special Requirements
- **Topic 5:** Standards for Preservation and Guidelines for Preserving Historic Buildings
- **Topic 6:** Introduction to Preservation Techniques
- **Reflection & Review:** Reflect on foundational concepts and review key points

Day 2: Material-Specific Preservation Techniques

- **Topic 1:** Building Exterior: Materials
- **Topic 2:** Masonry Preservation Techniques
- **Topic 3:** Wood Preservation in Historic Buildings
- **Topic 4:** Architectural Metal Restoration
- **Topic 5:** Historic Roofs Restoration
- **Topic 6:** Window Restoration in Historic Buildings
- **Reflection & Review:** Discuss material-specific preservation techniques and review the day's learnings

Day 3: Exterior Features and Structural Systems

- **Topic 1:** Entrances and Porches Preservation
- **Topic 2:** Storefront Rehabilitation
- **Topic 3:** Building Interior: Structural Systems
- **Topic 4:** Spaces, Features, and Finishes Restoration
- **Topic 5:** Historic Mechanical Systems
- **Topic 6:** Building Site Preservation
- **Reflection & Review:** Reflect on the preservation of exterior features and structural systems

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Day 4: complete Preservation Practices

- **Topic 1:** Setting District/Neighborhood Preservation
- **Topic 2:** Special Requirements in Historic Preservation
- **Topic 3:** Energy Efficiency in Historic Buildings
- **Topic 4:** Accessibility Considerations in Historic Preservation
- **Topic 5:** Health and Safety Considerations in Heritage Preservation
- **Topic 6:** Technical Guidance on Historic Preservation
- **Reflection & Review:** Review complete preservation practices and reflect on key insights

Day 5: Project Management and Practical Application

- **Topic 1:** Standards for Rehabilitation and Guidelines for Rehabilitating Historic Buildings
- **Topic 2:** Research and Documentation for Historic Preservation Projects
- **Topic 3:** Preservation Project Management
- **Topic 4:** Conservation of Heritage Buildings
- **Topic 5:** Sustainable Preservation Practices
- **Topic 6:** Historic District Preservation
- **Reflection & Review:** Discuss project management in preservation and review the entire course content

How This Course is Different from Other Heritage Preservation Courses

The course stands out due to its holistic approach to heritage preservation. Unlike other courses, it covers the entire spectrum of preservation activities, from initial assessment and selection of preservation techniques to the execution of complex restoration projects. The course emphasizes hands-on experience through workshops and interactive sessions, ensuring that participants not only learn theoretical concepts but also gain practical skills. Additionally, the course provides complete resources and tools, such as checklists, and templates to support participants in their preservation projects. The focus on sustainability and energy efficiency in historic buildings, as well as accessibility and health and safety considerations, ensures that participants are prepared to handle contemporary challenges in heritage preservation. This course also includes extensive coverage of preservation standards and guidelines, making it an essential training program for professionals aiming to excel in the field of historic preservation.

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Training Course Categories

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- Aviation Management and Operations Training Courses
- Certified Courses By International Bodies
- Communication and Public Relations Training Courses
- Crisis Management and Business Continuity Training Courses
- Data Analytics Training and Data Science Courses
- Digital Government & Public Service Training Courses
- Education and Learning Development Training Courses
- Environment & Sustainability Training Courses
- Facilities and Real Estate Training Courses
- Finance and Accounting Training Courses
- Governance, Risk and Compliance Training Courses
- Healthcare Management Training Courses
- Heritage Conservation and Museum Management Training Courses
- Hospitality and Tourism Training Courses
- Human Resources Training and Development Courses
- IT Security Training & IT Training Courses
- Leadership and Management Training Courses
- Legal Training, Procurement and Contracting Courses
- Maintenance Training and Engineering Training Courses
- Marketing, Customer Relations, and Sales Courses
- NGO, Humanitarian and Development Management Training Courses
- Occupational Health, Safety and Security Training Courses
- Oil & Gas Training and Other Technical Courses
- Personal & Self-Development Training Courses

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Training Course Categories

- Quality and Operations Management Training Courses
- Secretarial and Administration Training Courses
- Shipping, Maritime and Ports Training Courses

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New York USA	**Nice** France	**Paris** France
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