

WOODEN WINDOW REPAIR
Certificate Program Requirement
July 21-23, 2010

Course Description:

Thousands of wood windows are ripped out of this country's older and historic buildings each year. This astonishing loss is due in part to the fact that few people remain skilled in the repair and maintenance of wooden windows. In this three-day workshop, Instructor Sally Fishburn will guide participants through practical and economic methods to deal with sash stuck in place with paint, broken glass, rotten sash joints, weathered sills, bowed meeting rails, and frame joint decay. Learn how windows were originally constructed, why some last for centuries and others rot and fall apart after just a few years. Participants will learn to conduct assessment surveys on windows at the Stephen Jacob House, evaluate window treatment options, plan and cost window repair projects and how to plan for scheduled window maintenance.

Instructor:

Sally Fishburn, President, SA Fishburn, Inc., Danville, VT. Sally Fishburn, owner of S.A. Fishburn, Inc. started her historic preservation career upon the completion of the North Bennet Street School's Preservation Carpentry program in 1991. S.A. Fishburn, Inc., helps individuals (home owners, municipalities, non-profits, etc...) maintain the historic spirit of their buildings through hands-on preservation, consulting, and design work. S.A. Fishburn, Inc. offers wood window restoration, plaster preservation, reproduction architectural millwork, and custom cabinetry in traditional styles.

Date: July 21-23, 2010

Time: 9:00 AM – 5:00 PM daily

Location: Windsor, Vermont

Class Size: **limited to 8 people**

Cost/tuition/fee: HWI/PEI member/government staff: \$325

Others: \$375 (Includes materials, John Leeke's Saving America's Windows, and lunch daily)

Special Note: Participants may bring their own window sashes to work on in class or use windows in need of repair from the Stephen Jacob House

Recommended Advance Reading: National Park Service "Preservation Briefs:"

- #9, The Repair of Historic Wooden Windows
- #10, Exterior Paint Problems on Historic Woodwork
- #28, Painting Historic Interiors
- #37, Appropriate Methods for Reducing Lead-Paint Hazards in Historic Housing
- #39, Holding the Line: Controlling Unwanted Moisture in Historic Buildings

Text to be included in class: John Leeke's Saving America's Windows

Learning Objectives

- Student will describe the history of windows and glazing through class discussions of slides, lecture, and hands-on examination of windows from different periods
- Student will describe the construction and styles of wooden windows and their role as character-defining features of buildings through class discussion of slides, lecture, and hands-on examination of windows from different periods
- Student will conduct a window assessment survey to evaluate and select appropriate window treatments using sample course materials under the supervision of the instructor

- Student will evaluate the condition of and develop treatment recommendations for window casings and storm windows using sample course materials under the supervision of the instructor
- Student will evaluate the condition of and repair a window sash including the construction of a sash easel, sash removal and repair, paint removal and reapplication, glass removal, glazing, and reinstallation with appropriate insulation using sample course materials under the supervision of the instructor
- Student will schedule and calculate the total cost of a window repair project including planning, evaluation, and repair using sample course materials under the supervision of the instructor
- Student generate a plan for scheduled window maintenance using sample course materials under the supervision of the instructor
- Student will apply safety measures in use of window repair products and construction techniques
 - Protective clothing
 - Hand tool use
 - MSDS (Materials Safety Data Sheets)
 - Mechanical equipment operation
 - OSHA standards
 - Lead Hazard
 - Sash repair work station