



Traditional Building Trades: Repair and Rehabilitation of Historic Windows Course Description

This program is being offered in conjunction with the New York State Division for Historic Preservation, which will issue Certificates of Completion for the successful completion of this training module. Successful course completers will also have the option of being listed on PBN's website under Preservation Resources.

Module 1: Repair and Rehabilitation of Historic Windows, will be taught twice a week over a seven-week period, and then will have a hands-on restoration opportunity at the end of the course for two consecutive Saturdays.

Course topics will include:

- Removal of glazing and remaining paint techniques
- Preparing sashes for glaze and paint
- Glass types, selection and preparation
- Glazing putty selection and practice mixing and using
- Window frame repair and preparation
- Energy efficiency and energy modeling
- Weathering windows, types of weather stripping and storm windows
- Window priming and painting
- Re-installing sashes to frames and hardware.

Class Syllabus:

3/12: Introductions, set up spaces, give out books/handouts/materials, go over course and expectations; explain where/how to take the lead safety class

3/14: Discussion of Benefits of Historic Wood Windows: benefits of repair vs. replace; life cycle costs, etc. Discussion of lead paint and overall health and safety issues

3/19: Overview of window systems, components, parts

3/21: Energy efficiency and modeling

3/23: Removal of glazing and remaining paint techniques.

3/25: Preparing sashes for glaze and paint (different media, linseed oil vs primer); Differences in glazing putty (4 types for comparison on single sash).

4/02: Glass types, selection and preparation.

4/04: Glazing putty selection and practice mixing and using putties; Glazing the sashes.



4/09: Window frame repair and preparation; weathering windows – types of weather stripping and storm windows

4/11: Window priming and painting.

4/16: Tying it all together, reinstalling sashes to frames and hardware

4/18: Final Review

4/23: Working with clients: FAQ, insurance, OSHA, etc.

4/25: Final Exam, written and lab

5/4: Field Session; 8:30 – 3:30, location TBA

5/11: Field Session; 8:30 – 3:30, location TBA

5/14: Graduation!

Unless otherwise announced, classes will be held on Tuesdays and Thursdays, on the dates listed above, from 5:30 – 7:30 at 1728 Seneca Street, Buffalo, New York 14210.

Note on REQUIRED EPA RRP Training Course:

The EPA's Lead Renovation, Repair and Painting Rule (RRP Rule) requires that firms or independent contractors performing renovation, repair, and painting projects that disturb lead-based paint in homes, child care facilities and pre-schools built before 1978, be trained and certified by EPA-approved training providers and follow lead-safe work practices. In order to obtain your final *Course Completion Certificate*, students **must** take an 8-hr EPA RRP training course. Students can visit http://bit.ly/EPA_LeadCourse to search all available training courses. The Cornell Cooperative Extension periodically offers free, grant funded training programs, for more information visit http://bit.ly/Cornell_Lead/.