



Traditional Building Trades Program 2020 Window Repair and Rehabilitation Training Course Description

PBN's Traditional Building Trades program is designed to introduce contractors, students, professionals, and all those interested in enhancing their training in the rehabilitation of historic properties. Recognizing that working with historic building fabric requires a distinct set of skills, courses will be presented in five modules: Window Repair and Rehabilitation, Preservation Masonry Treatment and Repairs, Preservation Carpentry and Woodworking, Repair of Historic Plaster and Stucco, and Energy Retrofitting of Historic Buildings. Classes will provide hands-on training with historic building materials, field work at historic buildings and in neighborhoods, classroom training in the preparation of assessment reports and work estimates, as well as an introduction to the field of historic preservation.

The program is being offered in conjunction with New York State Division for Historic Preservation, which will issue Certificates of Completion for the successful completion each program module. Faculty has been drawn from a variety of disciplines and will be led by tradespeople actively involved in building conservation and construction technology, with supplemental teaching in architecture, architectural history, and planning.

Module 1: Window Repair and Rehabilitation Training will be taught twice a week over a ten-week period this spring, including hands-on restoration opportunities. 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.

Who should enroll?

- Contractors who want to increase their marketability in the specialized field of historic preservation.
- Crafts-minded people trying to decide whether to go into this work.
- Professionals and students seeking to increase their knowledge of building conservation.
- Property owners who are looking to gain a better understanding of their historic property.



Scholarship funds are available. This module is a repeat of 2019. In Fall of 2020 we will launch Module 2: Preservation Masonry Treatment and Repairs.

Note on REQUIRED EPA RRP TRAINING: 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 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-hour EPA RRP training course or supply proof of existing certification.** Tuition for this course includes the costs of RRP certification through Erie County Department of Health; dates for classes in spring 2020 are available at <https://bit.ly/2RU7eqs>. As part of your registration, PBN will sign you up for a class- **please note your date preference in your registration.** Students may alternatively take a class independently by visiting http://bit.ly/EPA_LeadCourse and searching for other available area training, but these costs will not be included in course tuition.

Apart from field sessions (noted below in syllabus), the course will be held on Tuesdays and Thursdays starting March 17 from 5:30 – 9:30 at 269 Hinman Avenue, Buffalo NY 14216.

Class Syllabus:

Tuesday March 17 | Class 1 | Introduction and Overview

Thursday March 19 | Class 2 | Wood Windows: History & Components

Tuesday March 24, 2020 | Class 3 | Overview of Repair & Rehabilitation Process

Thursday March 26, 2020 | Class 4 | Prepping Windows & Glass

Tuesday March 31, 2020 | Class 5 | Window Surveys (on site, location TBA)

Thursday April 2, 2020 | Class 6 | Glazing all day every day

Saturday April 4, 2020 | Class 7 | Field Session #1: Removing sashes & boarding up windows on site
(on site, location TBA)

Tuesday April 7, 2020 | Class 8 | Window Frame Repair / Shop Work

Thursday April 9, 2020 | Class 9 | Shop Work

Tuesday April 14, 2020 | Class 10 | Paint & Weatherization / Shop Work

Thursday April 16, 2020 | Class 11 | Shop Work

Tuesday April 21, 2020 | Class 12 | Window Reinstallation / Shop Work

Thursday April 23, 2020 | Class 13 | The Business of Windows/Shop Work

Saturday April 25 OR May 2, 2020 | Class 14 | Field Session #2: Reinstalling Sashes
(on site, location TBA)

Tuesday April 28, 2020 | Class 15 | Final Exam

Tuesday May 12, 2020 | Graduation