



Course Summary Sheet: Soft Story Retrofit

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| Title | Soft Story Retrofit |
| Delivery Mode(s) | Instructor-Led Workshop (4 hours) Online Course (3 hours) |
| Direct URLs to Content | Instructor-Led Workshop Materials (AIA-SSR104) Instructor-Led Workshop Materials (ICC-SSR104) Online course (ONL-SSR103) *Note: The only difference between AIA and ICC instructor-led materials is found in the credit information at the beginning and end of the slide deck. |
| Course Description | This course was created to help familiarize structural engineers, architects, contractors, and code officials with retrofit solutions for collapse-vulnerable multi-unit wood structures. |
| Course Outline | <ul style="list-style-type: none"> • Lesson 1: Safety Concerns of Soft Story Structures • Lesson 2: FEMA P-807 Guidelines • Lesson 3: NEES-Soft Project • Lesson 4: Special Moment Frames as Retrofit Solutions • Lesson 5: FEMA Weak Story Tool |
| Learning Objectives | Upon completion of this course, participants should be able to: <ul style="list-style-type: none"> • Summarize the safety concerns of soft story structures in high seismic regions that led to the implementation of retrofit mitigation programs • Explain the process and benefits of using the FEMA P-807 Guidelines to retrofit existing multi-unit structures with collapse-vulnerable open first stories • Identify the lessons learned from the NEES-Soft Project • Describe how special moment frames function as an optimal solution for soft story retrofit mitigation programs • Identify the purpose of the FEMA Weak Story Tool and summarize how it integrates with the FEMA P-807 Guidelines |
| Subject Matter Expert(s) | Louay Shamroukh, SE Brandon Winter, PE Gary Mochizuki, PE, SE, LEED AP |
| Credit Information | Instructor-Led: Credits: 0.4 IACET CEUs, 4 LU/HSW, 0.4 ICC CEU Course Code: AIA-SSR104 or ICC-SSR104 AIA Course #: AIA-SSR10415 ICC Course# 3700 Online: Credits: 0.3 IACET CEUs, 3 LU/HSW, 0.3 ICC CEU Course Code: ONL-SSR103 AIA Course #: ONL-SSR10315 ICC Course#: 3870 |

If you would like to schedule a class, please contact your branch training administrator or the Home Office Training Department.