



Course Summary Sheet: Understanding Moment Frames

Title	Understanding Moment Frames
Delivery Mode(s)	Instructor-Led Workshop (2 hours) Online Course (2 hours)
Direct URLs to Content	Instructor-Led Workshop Materials (AIA-UMF102) Instructor-Led Workshop Materials (ICC-UMF102) Online Course (ONL-UMF102) <p>*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.</p>
Course Description	This is a technical course intended primarily for structural engineers and designers interested in understanding and designing steel moment frames. This course reviews the types and applications of steel moment frames and walks through a design solution for pre-fabricated moment frame solutions.
Course Outline	<ul style="list-style-type: none"> • Lesson 1: Moment Frame Design Background • Lesson 2: Code Limitations and Requirements • Lesson 3: Moment Frame Applications • Lesson 4: Moment Frame Design Solutions • Lesson 5: Design Example
Learning Objectives	<p>Upon completion, participants should be able to:</p> <ul style="list-style-type: none"> • Describe the differences between the types of steel moment frames • Summarize how steel moment frames are used in the field for new and existing construction • Articulate the code limitations and requirements for steel moment frames • Explain the proper application of ordinary moment frames and special moment frames • Explain the advantages of using a predesigned and manufactured steel moment frame • Demonstrate how to determine the necessary specifications for an ordinary moment frame application
Subject Matter Expert(s)	Annie Kao
Credit Information	<p>Instructor-Led: Credits: 0.2 IACET CEU, 2 LU/HSW, 0.2 ICC CEU Course Code: AIA-UMF102 or ICC-UMF102 AIA Course #: AIA-UMF10217 ICC Course #: 10788</p> <p>Online: Credits: 0.2 IACET CEU, 2 LU/HSW, 0.2 ICC CEU Course Code: ONL-UMF102 AIA Course #: ONL-UMF10217 ICC Course #: 10789</p>

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