



## Course Summary Sheet: Concrete Deterioration

<b>Title</b>	Concrete Deterioration
<b>Delivery Mode(s)</b>	Instructor-Led Workshop (1 hour)   Online Course* (1 hour) *Online course covers Wood, Steel, and Concrete Deterioration
<b>Direct URLs to Content</b>	<a href="#">Instructor-Led Workshop Materials</a> (AIA-CD01) <a href="#">Instructor-Led Workshop Materials</a> (ICC-CD01) <a href="#">Online course</a> (ONL-RPSDET <i>Wood, Steel, and Concrete Deterioration</i> )  *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.
<b>Course Description</b>	This course is intended primarily for industry professionals interested in repair, protection and strengthening applications. The course reviews the types, causes and impacts of deterioration in concrete. Developing effective repair strategies requires an understanding of what caused the undesirable condition. Although a repair strategy should address the initial cause of deterioration, this course does not focus on specific repair methods.
<b>Course Outline</b>	<ul style="list-style-type: none"> <li>• Repair process overview and importance of assessment</li> <li>• Concrete deterioration mechanisms</li> <li>• Exposure and service conditions</li> <li>• Improper construction, design and materials</li> </ul>
<b>Learning Objectives</b>	Upon completion, participants should be able to: <ul style="list-style-type: none"> <li>• Explain the factors that influence concrete behavior</li> <li>• Identify causes of deterioration, damage and defects in concrete</li> <li>• Distinguish the different causes of deterioration in concrete</li> <li>• Describe the importance of understanding the root cause of the problem before selecting a repair strategy</li> </ul>
<b>Subject Matter Expert(s)</b>	Ryan Vuletic
<b>Credit Information</b>	<b>Instructor-Led:</b> Credits: 0.1 IACET CEUs, 1 LU/HSW, 0.1 ICC CEU Course Code: AIA-CD01 or ICC-CD01 AIA Course #: AIA-CD012014 ICC Course# 179  <b>Online:</b> Credits: 0.1 IACET CEUs, 1 LU/HSW, 0.1 ICC CEU Course Code: ONL-RPSDET AIA Course #: ONL-RPSDET13 ICC Course#: 163

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