

CEU NATURAL STONE



OFFERINGS



AIA



IDCEC



LACES



NKBA

Art of Specifying Natural Stone	★	★	★	★
Natural Stone vs. Manmade Materials Exterior Applications	★	★	★	★
Rethinking Marble: a material from the past for future environments	★	★		
Sandstone. The Basics of Selection, Fabrication, Maintenance & Restoration	★	★	★	★
Basics of Travertine Fabrication, Selection, Applications & Maintenance	★	★	★	★

All above CEUs above are 1 Learning Unit (60-minute seminar), HSW approved. Can be presented via webinar or face-to-face.



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ART OF SPECIFYING NATURAL STONE

Course description

This one hour session is designed to give architects and designers an overview of how to specify natural stone. There are many factors to consider to ensure you are choosing the proper material for your project. What do you need to know about its species, color variations, and finish possibilities? Is the quarry able to produce the sizes and quantities you need? And finally, what factors affect the price of the stone you specify? Get the resources you need to help ensure the stone you choose meets the standards and design intent set for your application.

LEARNING OBJECTIVES

1

Discuss the responsibilities and liabilities of each pillar in the typical construction project.

2

Review resources to find more information about natural stone standards.

3

Learn how to plan for the longevity of an installation by specifying appropriate materials.

4

Evaluate factors specific to the price of different materials, finishes and methods.



Course Number:
NSI13
1 LU | HSW

Course Number:
CEU-119280
Subject Code: 6.1
0.1 HSW CEU

Course Number:
NSI13
1.0 HSW PDH

0.1
CEU



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NATURAL STONE VS. MANMADE MATERIALS EXTERIOR APPLICATIONS

ABOUT THIS CLASS

Natural stone has been the premier building material of choice throughout history, thanks to its durability and timeless aesthetic. Inherently beautiful and versatile, it's no wonder that manmade materials aim to replicate its attributes, appearance and ultimately its desirability.

This course will compare the versatility, performance characteristics, and green building considerations for both natural stone and manmade materials. Understanding these key points will prepare you with knowledge for design concepts, applications and how to educate the consumer.

Styles change from season to season, but mother nature creates unique designs in natural stone that are historically innovative and always on trend.

LEARNING OBJECTIVES

1

Define and explain attributes to understand what can affect the performance of both natural stone and manmade materials in exterior applications.

2

Compare and contrast the attributes and installation capabilities of natural stone and manmade materials to understand the optimal building material choice for project design and installation.

3

Discuss common green building considerations for these materials, including embodied energy, potentially harmful ingredients, and land impacts.

4

Learn which innovative design trends can be satisfied using natural stone, including biophilic design, complex geometries, and textures, to offer the consumer both creative and aesthetic opportunity.



Course Number:
NSI47
1 LU | HSW



Course Number:
CEU-115832
Subject Code: 5.3
0.1 CEU



Course Number:
NSI47
1.0 HSW PDH



0.1
CEU



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NEW

RETHINKING MARBLE

... a material from the past for future environments

COURSE DESCRIPTION

This course provides a comprehensive overview of marble, from its natural formation to its applications in construction and design.

Participants will explore marble's journey from raw blocks to slabs, tiles, and architectural elements, uncovering creative design opportunities, including pairing marble with other materials and utilizing various finishes.

Through real-world examples, attendees will learn how marble addresses construction challenges while delivering timeless elegance, versatility, and sustainability.

By the end, participants will be equipped to effectively incorporate marble into their professional projects to create stunning and unique designs with a material that has been used for thousands of years.

Learning Objectives

1

THE MARBLE JOURNEY

Understand the journey of marble from its origin to the plant for further processing.

2

PROCESSING METHODS

Learn the detailed process of transforming marble blocks into slabs, tiles, and architectural elements.

3

AESTHETICS

Explore the design possibilities offered by various types of marble and gain insight into different finishes and their applications in construction & design.

4

MARBLE WITH OTHER MATERIALS

Learn how marble pairs with other materials to enhance traditional and modern designs, adding beauty and versatility while addressing construction challenges.



Course Number:
NSI2025I
1 LU | HSW



Course Number:
CEU-124161
Subject Code: 5.3
0.1 HSW CEU



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SANDSTONE

THE BASICS OF SELECTION, FABRICATION, MAINTENANCE AND RESTORATION



COURSE DESCRIPTION

This session was created for design professionals to gain a better understanding of sandstone as a building material. Learn more about how to select this natural stone for a variety of interior and exterior applications. Gain an understanding of how sandstone is produced and fabricated and its unique application opportunities to enhance your design plans. Obtain information about setting the proper consumer expectations in regard to installation and maintenance.



LEARNING OBJECTIVES

1. Discuss the sandstone selection process and how to identify quality material.
2. Recognize sandstone uses and limitations in both interior and exterior settings.
3. Identify how the sandstone is fabricated and installed.
4. Explain how to maintain and care for sandstone after it has been installed.



Course Number:
NSI90
1 LU | HSW



Course Number:
CEU-118596
Subject Code: 5.1
0.1 HSW CEU



Course Number:
NSI43
1.0 HSW PDH



0.1
CEU



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TRAVERTINE

PROGRAM OUTLINE

This one-hour class is designed for design professionals to gain a full understanding of travertine as a building material. Learn more about how to select this natural stone for a variety of interior and exterior applications. Gain an understanding of how travertine is fabricated and its unique application opportunities to enhance your design plans. Obtain information about setting the proper consumer expectation in regards to installation and maintenance.

LEARNING OBJECTIVES

1. Learn about the travertine selection process and how to identify quality material.
2. Obtain information on travertine uses and limitations in both interior and exterior settings.
3. Gain an understanding about how travertine is fabricated and installed.
4. Learn about how to maintain and care for travertine after it has been installed.



Course Number:
NSI84
1 LU | HSW



Course Number:
CEU-106088-R1
Subject Code: 5.3
0.1 HSW CEU



Course Number:
NSI39
1.0 HSW PDH



0.1
CEU



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