



Continuing Education Facilitator
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Sustainable Concrete Masonry Design: LEED 2009

AIA/CES COURSE # 000570

This presentation discusses the environmental advantages of using CMU and how to help earn LEED project credits by incorporating concrete masonry products. Updated to LEED NC Version 2009. (SD, HSW)

Sustainable Concrete Masonry Design: Thermal Performance

AIA/CES COURSE #000574

Addresses thermal mass and how to include it in the design of a concrete masonry envelope system, insulation systems for concrete masonry, thermal bridging and control of air infiltration. (SD, HSW)

Sustainable Concrete Masonry Design: Mold Prevention and Moisture Prevention

AIA/CES COURSE #000572

Describes how to keep the interior of a concrete masonry structure completely dry through the use of quality materials, proper detailing, and specifying proper construction techniques. Addresses where mold comes from and what fosters its growth. Points out that concrete masonry does not provide food for mold, is not damaged by it and is easily cleaned. (SD, HSW)

Sustainable Hardscape Design: LEED

AIA/CES COURSE #000570

An overview of hardscapes systems, the principles behind them, and how they can contribute toward LEED points and sustainability. (SD, HSW)

Crack Control in Concrete Masonry Walls

AIA/CES COURSE #000503

Addresses the proper applications of empirical crack control measures into concrete masonry wall systems as presented in NCMA TEK 10-2B. Includes causes of cracking, use of control joints and horizontal reinforcement to minimize cracking, details and banding (mixing courses of clay and concrete masonry). (HSW)

SD = Satisfies AIA's Sustainable Design requirement

HSW = Satisfies AIA's Health, Safety and Welfare requirement



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Fire Safety with Concrete Masonry Products

AIA/CES COURSE #000504

Addresses statistics associated with fires, balanced design of fire resistance, suppression, and detection systems, fire testing procedures and the determination of fire ratings for concrete masonry assemblies. (HSW)

Construction Processes of Segmental Retaining Walls

AIA/CES COURSE #000510

An overview of what segmental retaining walls are, the principles behind them, the different types of systems available and the construction procedures involved. (HSW)

Architectural Enhancement: Aesthetical Design with Concrete Masonry

AIA/CES COURSE #000530

This presentation addresses the proper application of architectural enhancement using concrete masonry as presented in numerous NCMA TEKs. (HSW)

Concrete Masonry Design and Construction Considerations

AIA/CES Course #000577

This presentation covers the basics of concrete masonry construction, including how concrete masonry units are manufactured, masonry terminology, masonry mortars, masonry grouts, construction practices and requirements, and a general overview of different masonry assemblies. (HSW)

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