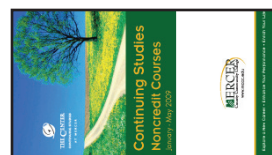


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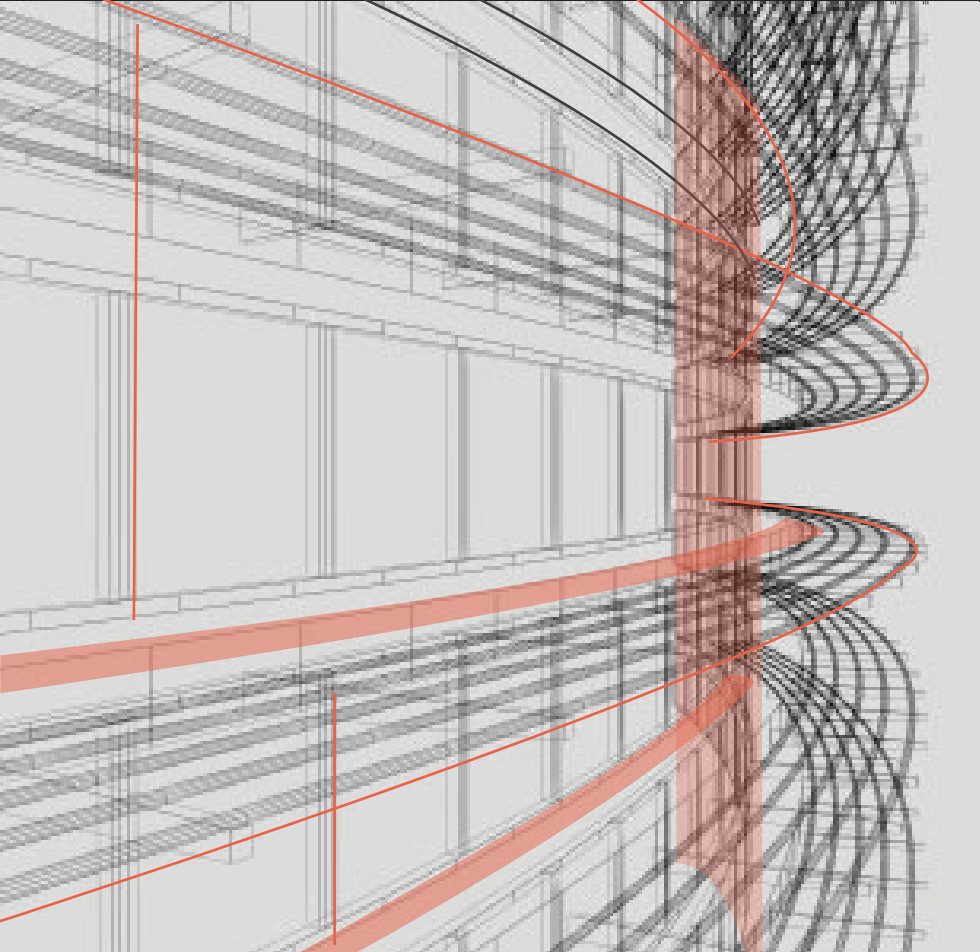


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information in our
Spring 2009 catalog!





Construction Project Management Series




THE CENTER
CONTINUING STUDIES



Spring 2009



www.mccc.edu

Construction Project Management Series

Mercer's Construction Management Program enables today's construction industry managers to put principles and theories into immediate action on the job. Complete your projects on time and on budget. Earn our Certificate or just take the courses that interest you.

Certificate in Construction Project Management

To earn the certificate, you must take eight core courses and a minimum of 30 classroom hours of electives.

Core Courses:

- Construction Blueprint Reading
- Construction Specifications and Contracts
- Materials, Methods and Systems of Construction
- Contract Law in the Construction Industry
- Microsoft Project
- Construction Cost Estimating
- Construction Project Management
- Construction Change Orders & Claims

Electives:

- AMA Successful Project Management
- AMA Successful Negotiating
- AMA Total Quality Management
- AMA Fundamentals of Finance and Accounting for Non-Financial
- SketchUp Your Design
- Green Building

Construction Project Management

Prerequisite: Construction Cost Estimating and Materials, Methods and Systems of Construction

Project Management is the application of system controls to construction operations, whether the project is a residence or a major building. An overview of the construction project process from design through occupancy and the administration, legal and practical aspects of managing building projects will be reviewed in an open forum defined by the class interest.

2.5 CEU. Tuition and fees: \$292 (includes \$30 materials fee)

XTC100-076493-B Dec 8-Jan 26*

10 sessions M,W 6:30-9pm

*Class will not meet Dec 22, 24, 29, 31, Jan 19

Joseph Scillieri, PE, President, J.J. Scillieri & Associates, Inc.

Construction Blueprint Reading

Introduces blueprints and specifications used on construction projects. Students learn the skills necessary to reference through construction documents. Classes cover symbols, abbreviations, and scaling of working plans.

2.0 CEU. Tuition and fees: \$190

XTC102-078884-B Jan 12-Feb 9*

8 sessions M,W 6-8:30pm

*Class will not meet Jan 19

William Winterbottom, MCCC Instructor

Contract Law in the Construction Industry

Discuss and examine public and private bidding procedures, the offer, counteroffer, acceptance, contract terms, negotiation, and finally the written contract and execution. We will examine construction contracts, letters of credit, letters of intent, bonds and disputes, change orders, amendments and common pitfalls. UCC provisions, remedies, breaches and resolutions will also be discussed.

1.0 CEU. Tuition and fees: \$105

XTC143-078900-B Feb 5-Feb 26

4 sessions Th 6:30-9pm

Thomas Roselli, Esq.

Materials, Methods, and Systems of Construction

Prerequisite: Construction Blueprint Reading

Provides an introductory overview of the different type of construction and the functions of various building systems. Students develop a basic understanding of constructing a building.

2.4 CEU. Tuition and fees: \$265 (includes \$14 materials fee)

XTC107-078906-B Feb 11-Mar 9

8 sessions M,W 6:30-9:30pm

Joseph Scillieri, PE, President, J.J. Scillieri & Associates, Inc.

**Please visit www.mccc.edu/ccs
or call (609) 570-3311 for course schedules.**

Construction Project Management Series

Green Building

We will present an overview of ecologically focused building design with an eye to achieving LEED® Certification. We will review many of the latest specialized construction methods to produce environmentally integrated and energy efficient residential and commercial properties employing innovative technologies and building materials, passive/active solar technologies and natural non-toxic finishes.

1.2 CEU. Tuition and fees: \$105

XTC122-078998-B Mar 3-Mar 24
4 sessions Tu 6:30-9:30pm
Robert Wisniewski, LEED Certified Instructor



Construction Change Orders and Claims

In today's hectic design and construction process, including unforeseen conditions, it is ultra rare to find projects that do not require "Changes to Contracts" or Change Orders as they are usually referred to. Topics discussed will cover means and methods of preparing the Change Orders, scopes, pricing of work and methods of negotiation. Impacts of Change Orders on the Project Schedule/Completion will be reviewed. Also included is avoidance of claims, preparation of claims and their resolution.

1.5 CEU. Tuition and fees: \$157

XTC140-078916-B Mar 5-Apr 2
5 sessions Th 6:30-9:30pm
James Langsdorf, MCCC Instructor



Construction Cost Estimating I

Prerequisites: Construction Blueprint Reading, Materials, Methods & Systems of Construction and computer literacy

This course is designed for beginning estimators. You will learn the skills, systems, and techniques needed for precise and reliable detail estimating. This course offers instruction in reading and measuring working drawings, a knowledge of construction math, a sound estimating procedure and a wide range of practice problems. **Textbook required. Available in college bookstore.**

3.0 CEU. Tuition and fees: \$395 (includes material fee \$80)

XTC104-078923-B Mar 11-Apr 15*
10 sessions M,W 6:30-9:30pm

*Class will not meet Apr 8

Joseph Scillieri, PE, President, J.J. Scillieri & Associates, Inc.

SketchUp Your Design

Prerequisite: Familiarity with Microsoft Office

Learn to use the software SketchUp to create a computer generated 3D model for residential, landscape and interior design. At the completion of the course, you will have a PowerPoint electronic portfolio to showcase your design, 3D modeling and technology skills to show your supervisor or future employer. **Workbook required. Available in college bookstore.**

1.2 CEU. Tuition and fees: \$245 (tuition: \$114; lab fees: \$131)

XCP301-078583-B Mar 11-Apr 1
4 sessions W 6:30-9:30pm

Suzanna McGee, MCCC Instructor

Introduction to Microsoft Project

Prerequisite: Introduction to Windows, or equivalent experience

Learn the steps involved in effective project planning aided by project management software. Plan a project, link tasks effectively and work within time constraints. You will also work with subtasks in an outline form; assign resources, resolve time and resource conflicts and sort project information.

1.0 CEU. Cost: \$217 (tuition and fees: \$90; lab fees: \$127)

XCA128-078525-B Apr 14-May 5
4 sessions Tu 6:30-9pm

James Moore, MCCC Instructor

Uniform Construction Code Program

Experienced contractors who wish to become NJ Construction Code Enforcement Inspectors and Officials must complete a mandatory education program under the New Jersey Uniform Construction Code Act. MCCC has been approved by the NJ Department of Community Affairs (DCA) to offer the required courses intended for students seeking licensure in New Jersey to study NJ code standards.

After taking the required courses, contractors also need to pass National Exams. Students needing additional material and training for the national exams or with questions about requirements or textbooks should contact the DCA Licensing Unit at 609-984-7834 or www.nj.gov/dca/codes/licensingunit/index.html or the publications office at 609-984-0040. The DCA has a program of reimbursement for a percentage of the cost of tuition for each course successfully completed, if funding is available.

The same textbook is used for all courses: New Jersey Uniform Construction Code. Please obtain textbook online at <http://www.nj.gov/dca/codes>. (Allow four to six weeks for delivery.)

Prerequisite: All course work within a particular discipline must be taken in the appropriate sequence (i.e., RCS, ICS, HHS).



Building Inspector ICS

This course covers the administrative, plan review and inspection requirements for structural, energy, radon, accessibility, mechanical and fire protection systems applicable to Class II structures. Students will need the International Building Code, International Mechanical Code, and International Fuel Gas Code.

7.5 CEU. Tuition and fees: \$712

XTC110-079275-B Jan 13-Mar 19
20 sessions Tu,Th 6-9:30pm
1 session Sa TBA

Joe Fabrizi, Construction Official



Building Inspector RCS

This course covers the administrative, plan review and inspection requirements for structural, energy, radon, and mechanical systems applicable to Class III structures.

9.0 CEU. Tuition and fees: \$900

XTC108-079274-B Jan 13-Mar 24
21 sessions Tu, Th 6-10pm
1 session Sa TBA

Fayez Fanik, Construction Official



Construction Official

Prerequisite: Subcode Official class or license

Acquaints inspectors and subcode officials with the role of the construction official. Includes instruction in such areas as; office organization, purpose and fundamentals of code enforcement, procedures for processing cases, search warrants and administrative hearings, records maintenance, warrants relocation, housing maintenance, and legal rights of landlords and tenants.

4.5 CEU. Tuition and fees: \$450

XTC124-079278-B Jan 15-Apr 2
12 sessions Th 6-9:45pm

Kenneth Verbos, Construction Official

Electrical Inspector ICS

This course covers the administrative, plan review and inspection requirements for electrical systems and design applicable to Class II and III structures. Required texts will be announced at the first class.

6.0 CEU. Tuition and fees: \$570

XTC114-079273-B Jan 13-May 12
18 sessions Tu 6:30-9:50pm

Kenneth Verbos, Construction Official

Fire Protection Inspector ICS

This course covers the administrative, plan review and inspection requirements for fire protection systems, fire rated assemblies, building classification and uses applicable to Class II and III structures.

12.0 CEU. Tuition and fees: \$1200

XTC137-078932-B Jan 12-Apr 29*
30 sessions M,W 6-10pm

*Class will not meet Jan 19, Apr 8

*Meets at Dempster Fire Training Center, 350 Lawrence Station Rd., Lawrenceville
Kevin Oswald, CFPS



Subcode Official

Prepares inspectors for the administrative license of subcode official. Subcode administration, legal aspects of code enforcement, and related legislation are covered. Topics include procedures and forms for permit applications; stop construction orders; variations; notices of violation; emergency situations; and recordkeeping.

4.8 CEU. Tuition and fees: \$480

XTC118-079277-B Jan 14-Apr 1
12 sessions W 6-10pm

Emile Kolick, MCCC Instructor



Plumbing Inspector HHS

This course covers the administrative, plan review and inspection requirements for structural, energy, accessibility, radon, mechanical and fire protection systems applicable to Class I structures.

6.0 CEU. Tuition and fees: \$570

XTC117-079279-B Mar 28-June 13*
15 sessions Sa 9am-3:30pm

*Class will not meet Apr 11, May 23

Sibte Kazmi, P.E., Construction Official

Building Inspector HHS

This course covers the administrative, plan review and inspection requirements for structural, energy, accessibility, radon, mechanical and fire protection systems applicable to Class I structures.

6.0 CEU. Tuition and fees: \$570

XTC112-079276-B Apr 7-May 28
15 sessions Tu,Th 6-10pm

*Class will not meet Apr 9

Fayez Fanik, Construction Official