

RED ROCKS COMMUNITY COLLEGE

CONSTRUCTION TECHNOLOGY

What's on the Fall Schedule?

New (and EXCITING!)

Overview of LEED

(Leadership in Energy and Environmental Design)

The “hot” certification in today’s green building movement involves contractors as well as designers. This three evening overview will look at: What is it? What are Contractor roles?

How can you effectively manage the work?

Tuesday evenings, 9/15-9/29, 5:00 – 10:00; dinner is included, CON 176, 1 credit

Overview of BIM (Building Information Modeling)

What is it? How can the illustrating of project design through 3D visualization be integrated into construction management tasks such as estimating, staging, trade coordination and others to improve efficiency and reduce costs? These three evenings will offer a practical look at the implementation possibilities of this new technology.

Tuesday evenings, 10/13-10/27, 5:00 – 10:00; dinner is included, CON 177, 1 credit

Submittals & Shop Drawings

One of the final design steps as well as the beginning of quality control, submittals are required of all subcontractors, suppliers and general contractors. This class covers the process of producing, reviewing and managing shop drawings, cut sheets, coordination drawings, samples and other specification-required submittals.

Pre-requisite: CON 230, Blueprint Reading or permission of instructor.

10/22-12/17, Thursday evenings, 6:00-9:30, eight nights, CON 175, 2 credits

Intermediate Building Layout

The sequel to Building Layout Basics, this class focuses on layout for dirt work, grid lines, pipe work, curb and gutter, and formwork. Shake the rust off your math skills as you brush up on your right angle trig, sine, cosine and circle math.

Pre-requisite: CON 275, Building Layout Basics or permission of instructor.

Wednesdays, 6:00-8:10 plus 9/19, 10/10 and 10/31 from 9:00-4:00, CON 276, 3 credits

Note: All NEW courses qualify as elective options for Construction Management majors, as well Construction Technology core requirements for all construction program degrees.

Supervisory Training Program

*****Last semester classes filled early. Don't be disappointed: sign up now! *****

Oral & Written Communication

Practice giving effective directions, listening, negotiating, building consensus, interpreting nonverbal communication, and writing. Construction specific applications.

CON 262, 2 credits, Wednesdays, 6-9:30, 10/21-12/16

Understanding & Managing Project Costs

Become familiar with how construction project estimates are compiled, compare actual project costs with those estimated, study methods to control the costs to meet the estimate, and how to apply lessons learned to future projects.

CON 266, 2 credits, Wednesdays, 6-9:30, 8/26-10/14

Contract Documents & Construction Law

Develop a basic understanding of contract documents and construction law as they impact the construction supervisor. Learn how to use them to solve problems, resolve issues and remedy conflicts on the project site. Understand the rights and responsibilities of the construction supervisor as defined by this information.

CON 264, 2 credits, Thursdays, 6-9:30, 8/27-10/15

Also on the schedule:

Building Layout Basics (CON 275)

International Residential Code (CON 142)

Blueprint Reading (CON 230)

Construction Materials & Methods (ENT 146)

Construction Technology (Intro to Computers, CON 105)

Late add to Fall Schedule (not listed in printed schedule):

Estimating (CON 228)

Questions? Contact Cathy Rock, 303-914-6513, cathy.rock@rrcc.edu,
www.rrcc.edu/constructiontech

Red Rocks Community College has an open enrollment policy: everyone who can benefit from our courses is welcome, including high school graduates, non-graduates, and those with previous college experience.
Apply and register on line at www.rrcc.edu