

CDT One Week at a Time 2010! CSI Instructor Module Syllabus

SpecGuy is pleased to present our **12-session** slide show program outlining the CDT exam portions of *The Project Resource Manual/CSI Manual of Practice (PRM)*. *CDT One Week at a Time!* has been used by CSI chapters nationwide for 9 years. We've expanded the content this year to include new material covering new CDT source materials sustainable design, GreenFormat, building information modeling, and integrated project delivery. We welcome your suggestions on how we can improve this program.

CDT One Week at a Time! Instructor slide modules are available to CSI chapters for chapter live courses for a nominal annual licensing fee that supports our updating, improving, and distributing of the materials. We request that you do not use or post SpecGuy-copyrighted materials online. For use of SpecGuy materials in firm-based education programs, please contact SpecGuy.

CDT One Week at a Time! is intended as a support tool for knowledgeable instructors who have studied the content of the source material. SpecGuy recommends all candidates obtain and study the PRM and related source materials, all available from CSI.

The *CDT One Week at a Time!* syllabus covers those portions of the PRM noted as source material in CSI's *2010 CDT Study Guide*. It is arranged in the same order as the the PRM in order to make reading assignments more coherent.

We've also included a Study Quiz Question and Answer module to assist instructors whose candidates want practice with multiple choice exams. We've done our best in selecting sample questions; please point out to candidates that they should not expect the CDT exam to closely resemble these questions!

Our free companion daily email study tool, *CDT One Day at a Time!* has been recognized by CSI with the Institute Electronic Publication Commendation. Be sure to remind your students to go to our website at www.SpecGuy.com and sign up for our *CDT One Day at a Time!* 60-day email study program.

For additional study assistance, our *CDT One Week at a Time!* online, on-demand webinars are available to your chapter class candidates and to candidates who are unable to attend chapter classes.

Download and save each unit. The units are formatted as PDF slide shows; you will need the free Adobe Reader installed to view the slides – you do not need PowerPoint. Some Adobe slide viewer tips:

- Your keyboard's arrow keys and Page Up/Page Down keys will move the presentation from slide to slide.
- CONTROL-L will toggle your screen between full view (recommended for presentations) and navigation view (helpful when you want to locate a particular slide in the Bookmark view).
- ESC will let you ... escape!
- F1 displays the Adobe Reader Help File for a complete explanation of navigation tools.

SpecGuy 's *CDT One Week at a Time 2010!* syllabus

Introduction to CDT

The course of study. The PRM. The exam.

Session 0: Supplement to CDT: Sustainability, IPD, and BIM

NEW THIS YEAR: Expanded CDT content providing an introduction to sustainability issues, CSI GreenFormat, the process of integrated project delivery, and building information modeling.

Session 1: 1.0 Introduction and Module 2.0 Project Conception

The Project; The Project Team; Project Participants; Project team Participation; Facility Life Cycle. Defining the Project; Preliminary Studies and Due Diligence; Site Selection. Budget; Project Scheduling.

Session 2: 3.0 Project Delivery

Services; Factors Affecting Project Delivery; Project Delivery Methods and Services; Project Team.

Session 3: 4.0 Design

Design Processes and Phases; Project Evaluation and Selection; Quality; Controlling the Variables; Cost Estimating and Value Analysis; Schematic Design Documentation; Design Development Documentation.

Session 4: 5.1 Document Formats

MasterFormat, SectionFormat, PageFormat, UniFormat.

Session 5: 5.2 Division 00

Procurement Requirements; Construction Agreements; Conditions of the Contract.

Session 6: 5.3 Division 01

General Requirements

Session 7: 5.4 Specifications Practice

Project Manual and Specifications Practices.

Session 8: 5.5 Specifications Methods and Language

Methods of Specifying; Specification Language.

Session 9: 5.6 Document Coordination

Drawings; Coordinating Drawings and Specifications.

Session 10: 5.7 Modifications and Warranties

Procurement and Contract Documents; Warranties.

Session 11: 6.0 Procurement and 7.0 Construction

Pricing; Purchasing; Funding; Project Information.
Construction Team; Administering Construction; Project Communication; Submittals.

Session 12: 8.0 Facility Management

Facility Manager's Role in Project Closeout; Operations and Maintenance; Resource Materials; Facility Evaluation; Documents for Life Cycle Activities. *May be assigned as self-study.*

Study Questions

Study Question Answers