

Greater St. Louis Chapter Study Sessions: **Spring 2017**

CDT Training Modules Overview

Module 1: Introduction and Fundamentals 1.5 hours AIA / HSW / LUs

An introduction to the structure of the training content, source materials, and study tips. CDT program content starts with some foundations of good practice: the challenges of team building, the life cycle concept of facilities, and an overview of the documents needed for each stage of a project's life. We continue on to the basic concept of quality assurance and control, the structure of project documents, and the coordination of drawings and specifications. Each subsequent module will explore these topics in greater detail.

Instructor: Scott Whitcraft, RA CSI CCS

Module 2: Planning and Pre-Design 1.5 hours / AIA / HSW / LUs

A discussion of programming, planning, and other activities that constitute pre-design. We will explore the purpose and use of feasibility and impact studies in the design process, factors in site selection, setting initial budgets, and schedules. This module is first to introduce the concept of the tripartite agreement, with a discussion of basic team roles and responsibilities. Project delivery methods are discussed and the factors that determine the best delivery model for the type of project under consideration.

Instructor: Steve Gantner, AIA CSI CCS

Module 3: Design 1.5 hours / AIA / HSW / LUs

An overview of the design phases and the translation of client requirements into a project plan. We will look at how to establish and control design criteria, including typical factors that shape each design solution. You will learn how to define and establish project quality and the factors that influence the selection of products and systems. This module returns to the topic of life-cycle costs and value analysis as design tools.

Instructor: Peter Russell, AIA, CSI CCS

Module 4: Construction Documents, Part 1 2.0 hours AIA / HSW / LUs

The heart of the matter: how contract documents we use define the rights, roles and responsibilities of, and relationships between all parties. This section introduces the definition, purpose and content of each commonly used contract document. First of a three part module. Instructor: Scott Whitcraft CSI CCS



Greater St. Louis Chapter Study Sessions 2017; Course Overview (*cont.*)

Module 5: Construction Documents, Part 2 2.0 hours AIA / HSW/ LUs

Continuing discussion of each type of contract document and how they are best used and understood in practice. This session looks at the working relationship between Specifications and Drawings within the larger contract document set. You will review how specifications and drawings are typically structured and organized to promote clear, correct, complete, and concise building information. Part 2 of three in this module.

Instructor: Scott Whitcraft, RA CSI CCS

Module 6: Construction Documents, Part 3 1.5 hours AIA / HSW / LUs

The last part in this series focuses on the challenges of coordination between written and graphic information. The CSI principle is “show it once, and in the right place.” This session explores that concept in practice and explains what constitutes good coordination within a document set. We will look at location of information, consistency in description, and how to tailor a specification method, and its contents, to project delivery. Finally, we will take a close look at administrative versus technical content, and how it relates to the hierarchy of documents, and overall project quality.

Instructor: Joel Kerschen, AIA, CSI CCS

Module 7: Procurement 1.5 hours AIA / HSW / LUs

This session explores what takes place in the transition from design to construction. We will look at the bidding, negotiating and purchasing phases of a project. You will view the process from the contracting side and see what factors affect pricing the work. You will learn the basic elements of the Owner-Contractor agreement and the documents and tools essential for good contract communications during construction. We will also discuss the correct use of substitutions and addenda during bidding.

Instructor: George Crow III, AIA CSI CCCA, CCS

Module 8: Construction 2.0 hours AIA / HSW / LUs

Good communication is essential to preserving design intent during construction. This session looks at the various forms of construction communications available under the contract and how each supports contractual requirements. We will examine best practices for submittals, contract modifications, substitutions during construction, and the role of site visits and meetings. We will look again at how rights, roles and responsibilities play out during construction. First of a two part session.

Instructor: Bob Messmer, AIA, CSI CCS

Greater St. Louis Chapter Study Sessions 2017; Course Overview (*cont.*)

Module 9: Construction, Part 2 2.0 hours AIA / HSW / LUs

Building on the last session, this course material examines quality assurance and control as defined in a typical Owner-Contractor agreement. We will discuss the responsibilities of each party in use of testing, approving payments, correction of the work, disputes, termination, claims and performance bonds. We will look each aspect from the perspective of the Owner, the A/E, and the Contractor and the rights of each. Finally we will look at the documentation and procedures necessary for a correct and complete project closeout.

Instructor: Bob Messmer, AIA, CSI CCS

Module 10: Post-Construction 1.5 hours AIA / HSW / LUs

How do project documents contribute to effective facility management? This session looks at the post-construction responsibilities of the A/E and Contractor once the Owner takes occupancy. We will look at initial operations from the facility manager's perspective and see how project quality controls can contribute to a smooth transition for building Owners. We will examine the role of electronic record documents, building commissioning, and post-occupancy evaluations in the life cycle of a facility. We will close with a look at the changing nature of operations and maintenance and the role of BIM.

Instructor: Joseph Gaied, PE, CSI CDT

Module 11: The AIA A201 General Conditions of the Contract for Construction 2.0 hours AIA / HSW / LUs

There is one place in the contract explaining how the rights, roles and responsibilities of all parties are translated into actual work, and that is in the General Conditions. This is the document that governs the administration of all other documents, and yet few take time to read what it says. This session will unravel all the pieces as they relate to the delivery of a project and how this one document affects project quality. It is a valuable guide to how the documents and practices in all prior course modules fit together.

Instructor: Scott Whitcraft, RA CSI CCS

2017 Session Schedule

<u>INSTRUCTOR</u>	<u>DATE</u>	<u>MODULE</u>	<u>SESSION TITLE</u>	<u>LOCATION</u>
Scott Whitcraft	Feb. 16 th Thurs	Intro + Module 1	Fundamentals	MISL
Steve Gantner	Feb. 21 th Tues.	Module 2	Planning & Pre-Design	MISL
Peter Russell	Feb. 25 Saturday	Module 3	Design	MISL
Scott Whitcraft		Module 4	Construction Documents	MISL
Scott Whitcraft	Feb. 28 Tues.	Module 5	Construction Docs, Pt. 2	MISL
Joel Kerschen	Mar. 7 th Tues.	Module 6	Construction Docs, Pt. 3	MISL
George Crow III	Mar. 14 th Tues.	Module 7	Procurement	MISL
Bob Messmer	Mar. 18 th Saturday	Module 8	Construction	MISL
		Module 9	Construction, Pt. 2	MISL
Joseph Gaied	Mar. 21 th Tues.	Module 10	Post-Construction	MISL
Scott Whitcraft	Mar. 28 th Tues.	Module 11	Guide to the AIA A201	MISL

Total of all sessions earns AIA / LU credits = 18.5 (1.5 – 2.0 LUs per Module)

STUDY SESSIONS: TIMES AND LOCATIONS -

All weekday sessions: 6:00pm to 8:00pm
All Saturday sessions: 8:00am to 12:00pm



Where: MISL = Masonry Institute of St. Louis; 1429 S. Big Bend Blvd. St. Louis, MO 63117 Conference Room.

REGISTRATION REQUIRED. ON-LINE REGISTRATION OPENS DEC. 5, 2016. EARLY REGISTRATION PROMOS END JANUARY 31st, 2017. EARLY AND LATE REGISTRATION ENDS FEBRUARY 9TH, 2017.

Free Auditing is available for previous attendees of the 2016 study session program. Register for audit by phone to CSI Executive Secretary, Linda Berra 636-447-1357

More about the Exam: www.csinet.org/cdt

More about Study Sessions: www.stlouiscsi.org

STUDY SESSIONS: COSTS AND PROMOTIONS

Cost: **\$170.00** w/ Project Deliver Practice Guide, and Student Workbook included until Feb. 1st.

Early registration: Dec. 5 – Jan. 31, 2017:

Project Delivery Practice Guide (\$65.00 benefit) , CDT Study Workbook (\$20.00 benefit) and all supplemental resources needed to study for the exam.

Late registration (no PDGP or Workbook included): **Feb. 1 -9th.**

Cost “at the door” per session is \$15.00 with slide handouts included.

CDT Study Session Instructors

Certifications Program Coordinator (STL): **Scott Whitcraft** RA CSI CCS

Registered Architect, Certified Construction Specifier, LEED accredited professional, Certifications Chairman

Mr. Whitcraft is a Registered Architect working in traditional design, and design-build firms for 34 years with a focus on building technology, specifications, and quality control. He has been an instructor in the CDT Certifications program for the past thirteen years and Program Coordinator since 2010. He is 2014-15 past President of the Greater St. Louis Chapter of CSI. A member since 2007, he obtained his CDT in 2006 and CCS certification in 2009. He continues to wish he had done it much sooner. For more CDT program information contact him at jwhitcr@gmail.com

Instructor: **Robert Messmer**, AIA CSI CCS

Registered Architect, Certified Construction Specifier, NCARB, LEED accredited professional.

Mr. Messmer is a Registered Architect with 28 years of experience leading project teams in the design and construction of commercial and healthcare facilities. Mr. Messmer’s professional focus is the design and development of spaces that really improve people’s lives - making the world a better place (no, really!) and mentoring emerging professionals. His main goal is to make great design happen while meeting all technical requirements, as these are not mutually exclusive. He has been a CDT instructor since 2014.

Instructor: **Peter Russell** AIA, CSI CCS

Registered Architect, Certified Construction Specifier, LEED accredited professional.

Mr. Russell is a Registered Architect of 36 years with work on a multitude of projects for various governmental, healthcare, commercial, and educational clients. Mr. Russell is currently the St. Louis Office Coordinator for the PB Business Quality Management System, Specifications Writer, and LEED Project Administrator. Mr. Russell is past- president of the Greater St. Louis Chapter of CSI and current Membership Chair.

Instructor: **Stephen Gantner** AIA, CSI CCS CCCA

Registered Architect, Certified Construction Specifier, Certified Construction Administrator, LEED accredited professional.

Mr. Gantner is a registered architect of 24 years and leads specifications at Cannon Design. He is a past president of the St. Louis Chapter of CSI and certifications instructor since 2006. Mr. Gantner received his CCCA in 2005, and CCS in 2008. He continues to serve on several CSI committees, North Central Region CSI, and is an instructor with St. Louis Community Colleges in specifications, materials and methods.

The Construction Specifications Institute



Instructor: **Joel Kerschen** AIA, CSI CDT CCS

Registered Architect, Certified Construction Specifier, LEED accredited professional BD+C.

Mr. Kerschen is a Registered Architect and Project Manager with SPACE LLC. Mr. Kerschen has worked for 26 years with public and private clients to see their requirements are properly implemented within contract documents and construction. Mr. Kerschen has been a member of CSI for 23 years and received his CCS in 1998. He is also a LEED coordinator, and was instrumental in the first Retail project in Missouri to achieve LEED Gold status.

Instructor: **Jospeh Gaied** CSI CDT

Professional Engineer, Construction Document Technologist, LEED Accredited Professional

Mr. Gaied is a Registered Professional Engineer working within full service AEC firms for over 21 years. His experience focuses on systems design, and overseeing quality assurance/control within his discipline. Joseph joined CSI in 2013, and immediately participated in the Study Sessions, completed the program, and earned his CDT certificate that same year. Currently a Chapter board member, Joseph was invited into the CDT instructors group in 2014, and has served on the Certifications Committee.

**NOTE: The CDT Examination is a separate registration and cost:
YOU MUST REGISTER FOR THE CDT EXAM ON-LINE**

Go to <http://www.csinet.org/cdt> to get started

CDT EXAM: SCHEDULE / COSTS*

	CSI Members /Non-members:	Students:
Early	\$295 /\$545	\$165
Late	\$545 /\$795	

Spring Exam Registration Opens:	December 01, 2016
Early Bird Registration Closes:	January 31, 2017
Close CDT Registration:	February 28, 2017
Prometrics CDT Exam Window(s):	March 31 – April 26, 2017 / Sept. 6th - Oct. 6th, 2017

*Early Registration prices shown. Prices increase as test date approaches. See the website for all costs and discounts.

QUESTIONS?

Contact the Program Coordinator: Scott Whitcraft, CSI CCS. jwhitcr@gmail.com 314-605-4635

