



South Central College

CTLS 1800 Construction Contract Documents

Course Outcome Summary

Course Information

Description	This course covers the concepts relating to Civil Engineering drawings, construction specifications, and legal documents as associated with the industry. (Prerequisite: ENGL 100)
Total Credits	3
Total Hours	64

Types of Instruction

Instruction Type	Credits/Hours
Lecture	2
Lab	1

Pre/Corequisites

ENGL 100

Institutional Core Competencies

Communication - Students will be able to demonstrate appropriate and effective interactions with others to achieve their personal, academic, and professional objectives.

Course Competencies

1. Characterize construction contracting methods.

Learning Objectives

- Identify general contracting methods.
- Describe the forms of contracts.
- Compare different methods of contracting.

2. Identify various types of contracts.

Learning Objectives

- Identify stipulated-sum contracts.
- Identify cost-plus contracts.
- Identify unit-price contracts.
- Identify contracts with quantities.

3. Identify conditions of the contract.

Learning Objectives

Explore liquidated damages.
Identify penalties and bonuses.
Explain delays and extensions of contract time.

4. Characterize technical specifications.

Learning Objectives

Describe how specifications evolved.
Identify the Construction Specification Institute (CSI) divisions.
Use the CSI standards.

5. Characterize technical plans.

Learning Objectives

Review construction plans.
Summarize symbols, abbreviations, conversions, and scales.
Understand basic technical requirements for plans.
Understand plan organization.

6. Prepare documents for changes in the contract.

Learning Objectives

Identify information affecting changes in contracts.
Prepare change orders and addendums.
Explain minor changes in the work.

7. Illustrate the administration of contracts.

Learning Objectives

Identify information for contract administration.
Describe a notice to proceed.
Describe monthly payments.
Understand performance and payment bonds.

8. Summarize the completion of contracts.

Learning Objectives

Define a punch list.
Describe substantial and final completion.
Describe final payment.

9. Summarize the EJCAC General Conditions.

Learning Objectives

Recite sections of the General Conditions.
Explain modification techniques of the General Conditions.

10. Utilize "MnDOT Standard Specifications for Construction."

Learning Objectives

Review "MnDOT Standard Specifications for Construction."
Explain the organizational structure of the MnDOT Spec Book.
Research specification topics using the MnDOT Spec Book.

11. Describe local government organizations

Learning Objectives

Identify types of city government structures.
Identify county government structures.
Describe options for local government funding.
Attend council meetings.

SCC Accessibility Statement

South Central College strives to make all learning experiences as accessible as possible. If you have a disability and need accommodations for access to this class, contact the Academic Support Center to request and discuss accommodations. North Mankato: Room B-132, (507) 389-7222; Faribault: Room A-116, (507) 332-7222.

Additional information and forms can be found at: www.southcentral.edu/disability

This material can be made available in alternative formats by contacting the Academic Support Center at 507-389-7222.