

CATALOG INFORMATION

Dept and Nbr: CONS 75

Title: SPECIFICATIONS

Full Title: Specifications

Last Reviewed: 1/28/2019

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	1.50	Lecture Scheduled	1.50	17.5	Lecture Scheduled	26.25
Minimum	1.50	Lab Scheduled	0	7	Lab Scheduled	0
		Contact DHR	0		Contact DHR	0
		Contact Total	1.50		Contact Total	26.25
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 52.50

Total Student Learning Hours: 78.75

Title 5 Category: AA Degree Applicable

Grading: Grade Only

Repeatability: 00 - Two Repeats if Grade was D, F, NC, or NP

Also Listed As:

Formerly:

**Catalog Description:**  
Introduction to the Construction Specifications Institute (CSI) MasterFormat system for organizing, writing and interpreting specifications. Subjects covered include the numbering and naming of sections, the three parts of a section, correct language, coordination with other construction documents, interpreting a specification, and writing a specification section.

**Prerequisites/Corequisites:**  
Course Completion of CONS 71A

**Recommended Preparation:**

**Limits on Enrollment:**

**Schedule of Classes Information:**  
Description: Introduction to the Construction Specifications Institute (CSI) MasterFormat system for organizing, writing and interpreting specifications. Subjects covered include the numbering and naming of sections, the three parts of a section, correct language, coordination with other construction documents, interpreting a specification, and writing a specification section. (Grade Only)

Prerequisites/Corequisites: Course Completion of CONS 71A

Recommended:

Limits on Enrollment:

Transfer Credit: CSU;

Repeatability: Two Repeats if Grade was D, F, NC, or NP

## **ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:**

<b>AS Degree:</b>	<b>Area</b>	Effective:	Inactive:
<b>CSU GE:</b>	<b>Transfer Area</b>	Effective:	Inactive:
<b>IGETC:</b>	<b>Transfer Area</b>	Effective:	Inactive:
<b>CSU Transfer:</b>	Transferable	Effective: Fall 1999	Inactive:
<b>UC Transfer:</b>		Effective:	Inactive:

**CID:**

**Certificate/Major Applicable:**

Certificate Applicable Course

## **COURSE CONTENT**

### **Student Learning Outcomes:**

At the conclusion of this course, the student should be able to:

1. Organize specifications according to the Construction Specifications Institute (CSI) MasterFormat.
2. Interpret information contained in a specification.
3. Write a specification section according to professional conventions.

### **Objectives:**

At the conclusion of this course, the student should be able to:

1. Define the purpose of a specification.
2. Define the CSI MasterFormat organization.
3. Analyze drawings and identify the correct specification location for construction product information, according to the CSI MasterFormat.
4. Analyze and document the relationship of specifications to other construction documents.
5. Organize information to write a specification section.

### **Topics and Scope:**

- I. Specifications
  - A. Purpose and role in construction project
  - B. Reference information for specifications using standards and manufacturer data
  - C. Integration of specifications with other construction documents
- II. Working Drawings and Construction Contract
  - A. General conditions
  - B. Supplementary conditions
  - C. Precedence and conflicts
- III. CSI MasterFormat

- A. Organization and structure
- B. Using the three-part specification section to present product information
- IV. Specification Interpretation
  - A. Organization
  - B. Content
  - C. Correct language
- V. Specification Development
  - A. Examination of construction documents
  - B. Identification and placement of materials and products to be included in specification
  - C. Researching material information
- VI. Writing a Specification Section
  - A. Organization
  - B. Content
  - C. Correct language

### Assignment:

1. Assigned reading (20-30 pages per week)
2. Written homework assignments (4-6)
3. Problem-solving assignments (4-6)
4. Student project
5. Quizzes (2-3)
6. Final exam or final project and presentation

### Methods of Evaluation/Basis of Grade:

**Writing:** Assessment tools that demonstrate writing skills and/or require students to select, organize and explain ideas in writing.

Homework assignments and (when applicable) written documentation of final project

Writing  
30 - 40%

**Problem Solving:** Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

Problem solving exercises and student project

Problem solving  
30 - 40%

**Skill Demonstrations:** All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

None

Skill Demonstrations  
0 - 0%

**Exams:** All forms of formal testing, other than skill performance exams.

Quizzes and (when applicable) final exam

Exams  
10 - 20%

**Other:** Includes any assessment tools that do not logically fit into the above categories.

Class participation and (when applicable) presentation of final project

Other Category  
0 - 20%

**Representative Textbooks and Materials:**

Construction Specifications Writing: Principles & Procedures. 6th ed. Kalen, Mark and Weygrant, Robert and Rosen, Harold. Wiley and Sons. 2010(classic)  
Instructor prepared materials