

# CONSTRUCTION MANAGEMENT CURRICULUM EFFECTIVE FALL 2017

Applies to students entering the UTA CM program from the fall 2017 through the summer 2018

## FIRST YEAR

CM 1311	.....	3
ENGL 1301 <sup>C</sup>	.....	3
HIST 1311 <sup>C</sup>	.....	3
MATH 1302 <sup>C</sup>	.....	3
ARCH 1301 <sup>C</sup>	.....	<u>3</u>
15		

CM 1331	.....	3
MATH 1303 <sup>C</sup>	.....	3
PHYS 1441 <sup>C</sup>	.....	4
HIST 1312 <sup>C</sup>	.....	3
Communication Elective <sup>C</sup>	.....	<u>3</u>
16		

## SECOND YEAR

ACCT 2301	.....	3
CM 2311	.....	3
CM 2315	.....	3
PHYS 1442 <sup>C</sup>	.....	4
PHIL 2311 <sup>C</sup>	.....	<u>3</u>
16		

CM 2313	.....	3
CM 2331	.....	3
MATH 1308	.....	3
PHIL 1304 <sup>C</sup>	.....	3
POLS 2311 <sup>C</sup>	.....	<u>3</u>
15		

## THIRD YEAR

CM 3315	.....	3
CM 3331	.....	3
CM 3335	.....	3
MANA 3318	.....	3
POLS 2311 <sup>C</sup>	.....	<u>3</u>
15		

CM 3313	.....	3
CM 3333	.....	3
CM 3337	.....	3
CM 3309	.....	3
Social and Behavioral Science Elective <sup>C</sup>	.....	<u>3</u>
15		

## FOURTH YEAR

CM 4111	.....	1
CM 4313	.....	3
CM 4315	.....	3
CM 4317	.....	3
CM Technical Elective	.....	<u>3</u>
13		

CM 4331	.....	3
CM 4333	.....	3
CM Technical Elective	.....	3
CM Technical Elective	.....	3
CM Technical Elective	.....	<u>3</u>
15		

See "Construction Management Course Sequence" on the reverse side for frequency of the course offerings.  
Six (6) hours of Foreign Language are required for students who have not had 2 units of high school foreign language.

## REQUIRED COURSE TITLES

<b><u>COMMUNICATIONS</u></b>	
ENGL 1301 <sup>C</sup>	Rhetoric & Composition I (1 of 2) List on back <sup>C</sup> (2 of 2)
<b><u>CREATIVE ARTS</u></b>	
ARCH 1301 <sup>C</sup>	Introduction to Architecture and Interior Design
<b><u>GOVERNMENT/POLITICAL SCIENCE</u></b>	
POLS 2311 <sup>C</sup>	Government of the United States
POLS 2312 <sup>C</sup>	State and Local Government
<b><u>HISTORY</u></b>	
HIST 1311 <sup>C</sup>	History of the US to 1865
HIST 1312 <sup>C</sup>	History of the US, 1865 to Present
<b><u>LANGUAGE, PHILOSOPHY, &amp; CULTURE</u></b>	
PHIL 1304 <sup>C</sup>	Contemporary Moral Problems
<b><u>LIFE AND PHYSICAL SCIENCES</u></b>	
PHYS 1441 <sup>C</sup>	General College Physics I
PHYS 1442 <sup>C</sup>	General College Physics II
<b><u>MATHEMATICS</u></b>	
MATH 1302 <sup>C</sup>	College Algebra
MATH 1303 <sup>C</sup>	Trigonometry
MATH 1308	Elementary Statistical Analysis
<b><u>SOCIAL AND BEHAVIORAL SCIENCE</u></b>	
List on back <sup>C</sup>	
<b><u>FOUNDATIONAL COMPONENT</u></b>	
PHIL 2311 <sup>C</sup>	Logic

<b><u>BUSINESS</u></b>	
ACCT 1301	Principles of Accounting I
MANA 3318	Managing Organizational Behavior
<b><u>CONSTRUCTION MANAGEMENT</u></b>	
CM 1311	Construction Drafting
CM 1331	Construction Surveying
CM 2311	Introduction to Construction Management
CM 2313	Construction Materials and Methods
CM 2315	Introduction to Mechanics for Construction
CM 2331	Construction Documents
CM 3313	Construction Estimating I
CM 3315	Construction Law and Ethics
CM 3331	Mechanical and Electrical Systems
CM 3333	Construction Design I
CM 3335	Soils and Foundations in Construction
CM 3337	Construction Administration and Economics
CM 3339	Construction Safety
CM 4111	Construction Management Capstone I
CM 4313	Construction Design II
CM 4315	Construction Estimating II
CM 4317	Construction Scheduling
CM 4331	Construction Management Capstone II
CM 4333	Applied Structural System Design

<sup>C</sup> Satisfies a Core Curriculum Requirement

## DISCLAIMER

Information provided here and on the Construction Management Advising and Course Selection Guide is to assist students in planning the sequence of courses required for an undergraduate degree in Civil Engineering. However, the authoritative requirements for the degree are contained in the 2017/2018 University of Texas at Arlington Catalog. Students should refer to the current catalog to confirm prerequisite requirements and consult with the Department if additional clarification is required.

## CONSTRUCTION MANAGEMENT PREREQUISITES

**Students may not attempt a CM course until they have earned a grade of C or better in the prerequisite course(s) and have satisfied all other requisite requirements.**

## CONSTRUCTION MANAGEMENT COURSE SEQUENCE

The sequence of courses shown on the front side of this form will usually satisfy the required course prerequisites and allow a student to graduate in four years. However, it may be necessary to modify this course sequence for a number of reasons. A CM Undergraduate Advisor will help select the sequence of courses suitable for each student.

The CE Department intends to offer all required CM courses each fall and spring semester, eventually. While the Construction Management program is developing, every effort will be made to offer classes in a way that will not delay students making normal progress. Construction Management Technical Elective courses may not be offered every semester. When the technical courses are offered, a multi-year schedule of when technical electives will be offered will be provided.

Certain CM courses will also be offered in the summer 11-week semester. The courses selected will depend on anticipated need, faculty availability, and budget. **At this time, students should not plan their long term schedules assuming that particular courses will be offered in summer.**

## APPROVED ELECTIVES FOR CONSTRUCTION MANAGEMENT MAJORS

### Construction Management Technical Electives

CM 4351	Building Information Modeling for CM
CM 4353	Commercial Construction
CM 4355	Design and Construction of Temporary Structures
CM 4357	Sustainable Building Practice
CM 4359	Industrial Internship

### Communication Electives

COMS 1301	Fundamentals of Public Speaking
ENGL 1302	Rhetoric and Composition II

### Social and Behavioral Science Electives

ECON 2305	Principles of Macroeconomics
ECON 2306	Principles of Microeconomics
ECON 2337	Economics of Social Issues
FINA 2330	Money, Finance and the Modern Consumer
MANA 2302	Communication in Organizations
	Alternate with the permission of CM advisor

With the written permission of a CM advisor, substitutions may be made for the Creative Arts Elective (ARCH 1301), the Foundational Component Elective (PHIL 2311), and the Mathematics Elective (MATH 1302).