

## First Year

### Fall Semester – 16 Semester Credit Hours

**CM 1311** Construction Drafting  
**ENGL 1301** Rhetoric and Composition I  
**ENGR 1101** Entrance to Engineering for Transfer Students  
*or UNIV 1131*  
**HIST 13XX** U.S. History Elective  
**MATH 1302** College Algebra  
**Creative Arts Elective**

### Spring Semester – 16 Semester Credit Hours

**CM 1331** Construction Surveying  
**HIST 13XX** U.S. History Elective  
**MATH 1303** Trigonometry  
**PHYS 1441** General College Physics I  
**Communication Elective**

## Second Year

### Fall Semester – 16 Semester Credit Hours

**ACCT 2301** Principles of Accounting I  
**CM 2311** Introduction to Construction Management  
**CM 2315** Introduction to Mechanics for Construction  
**PHYS 1442** General College Physics II  
**Foundation Component Elective**

### Spring Semester – 15 Semester Credit Hours

**CM 2313** Construction Materials & Methods  
**CM 2331** Construction Documents & Contracts  
**MATH 1308** Elementary Statistical Analysis  
**POLS 2311** Government of the United States  
**Language, Philosophy, and Culture Elective**

## Third Year

### Fall Semester – 15 Semester Credit Hours

**CM 3315** Construction Law & Ethics  
**CM 3331** Mechanical & Electrical Systems  
**CM 3335** Soils & Foundations in Construction  
**MANA 3318** Managing Organizational Behavior  
**POLS 2312** State and Local Government

### Spring Semester – 15 Semester Credit Hours

**CM 3313** Construction Estimating I  
**CM 3341** Construction Design  
**CM 3337** Construction Administration & Economics  
**CM 3339** Construction Safety  
**Social & Behavioral Science Elective**

## Fourth Year

### Fall Semester – 15 Semester Credit Hours

**CM 43XX** CM Elective (1)  
**CM 4317** Construction Scheduling  
**CM 4315** Construction Estimating II  
**CM 4351** Building Information Modeling  
**CM 4357** Sustainable Construction Practices

### Spring Semester – 12 Semester Credit Hours

**CM 4331** Construction Management Capstone  
**CM 43XX** CM Elective (2)  
**CM 43XX** CM Elective (3)  
**CM 43XX** CM Elective (4)

COE Foreign Language Requirement: Two years of same foreign language in high school or six semester credit hours of the same foreign language.

**General Core Requirements**

- The UTA Construction Management Program requires one (three SCH) *Creative Arts Elective*. This elective can be chosen from the following list of courses offered at UTA.

ARCH 1301	Introduction to Architecture & Interior Design
ART 1301	Art Appreciation
ART 1309	Art of the Western World I
ART 1310	Art of the West II
MUSI 1300	Music Appreciation
THEA 1342	Theatre and Film Appreciation
THEA 1343	Introduction to Theatre
MUSI 1302	Jazz Appreciation
MUSI 2300	Intro to World Music
MUSI 2301	Film Music Appreciation

- The UTA Construction Management Program requires one (three SCH) *Social & Behavioral Sciences Elective*. This elective can be chosen from the following list of courses offered at UTA.

PSYC 1315	Intro to Psychology
SOCI 1311	Introduction to Sociology
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

- The UTA Construction Management Program requires one (three SCH) *Foundational Component Elective*. This elective can be chosen from any course that satisfies the University Core Curriculum requirement from any area.
- The UTA Construction Management Program requires one (three SCH) *Communication Elective*. This elective can be chosen from the following list of courses offered at UTA.

COMS 1301	Fundamentals of Public Speaking	ENGL 1302	Rhetoric and Composition II
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- The UTA Construction Management Program requires one (three SCH) *Language, Philosophy & Culture Elective*. This elective can be chosen from the following list of courses offered at UTA.

ANTH 2322	Global Cultures	HIST 2377	Flight Culture and the Human Experience
ARAB 2310	Arabic Culture in the World	INTS 1310	Introduction to Popular Culture
ARAB 2314	Intermediate Arabic II	KORE 2310	Korean Culture in the World
ARCH 2300	Masterworks of Western Architecture	KORE 2314	Intermediate Korean II
ART 1317	The Art of Non-Western Traditions	LATN 2314	Latin Level IV
CHIN 2310	Chinese Culture in the World	LING 2371	Language in a Multicultural USA
CHIN 2314	Intermediate Chinese II	MAS 2300	Intro to Mexican American Studies
CLAS 1300	Introduction to Classical Mythology	PHIL 1304	Contemporary Moral Problems
ENGL 2303	Topics in Literature	PHIL 2300	Introduction to Philosophy
ENGL 2309	World Literature	PORT 2314	Intermediate Portuguese II
ENGL 2319	British Literature	RUSS 2310	Russian Culture in the World
ENGL 2329	American Literature	RUSS 2314	Intermediate Russian II
FREN 2310	French and Francophone Cultures in the World	SOCI 1310	Introduction to Popular Culture (proposed)
FREN 2314	Intermediate French II	SPAN 2310	Hispanic Culture in the World
GERM 2310	German Culture in the World	SPAN 2314	Intermediate Spanish II
GERM 2314	Intermediate German II	WOMS 2310	Intro to Women's & Gender Studies
GLOBAL 2301	Introduction to Global Studies		
GREK 2314	Greek Level IV		

**Senior Elective**

Construction Management majors must select 4 3-hour courses from the following list of CM Electives:

CM 4304	Construction Contracts
CM 4332	Construction Field Operations
CM 4335	Geo-Technical Aspects of Construction
CM 4337	Land and Site Development
CM 4353	Residential and Commercial Construction
CM 4359	Industrial Internship I
CM 4360	Industrial Internship II

# **Construction Management Curriculum & Requisites – 2022**

## **Freshman Year, Fall Semester**

16 Semester Credit Hours

### **Pre-Professional Courses:**

*CM 1311 Construction Drafting*

*ENGL 1301 Rhetoric & Composition I*

*MATH 1302 College Algebra*

*UNIV 1101 or ENGR 1101 Entrance to Engineering for Transfer Students*

### **General Education Courses:**

*Creative Arts Elective*

*US History Elective*

## **Freshman Year, Spring Semester**

16 Semester Credit Hours

### **Pre-Professional Courses:**

*CM 1331 Construction Surveying* – Prerequisite: CM 1311

*MATH 1303 Trigonometry* – Prerequisite: MATH 1302 or MATH 1315

*PHYS 1441 General College Physics I*

*Communication Elective*

### **General Education Courses:**

*US History Elective*

## **Sophomore Year, Fall Semester**

16 Semester Credit Hours

### **Pre-Professional Courses:**

*ACCT 2301 Principles of Accounting I* – Prerequisite: 30 Semester Credit Hours

*CM 2311 Introduction to Construction Management*

*CM 2315 Introduction to Mechanics for Construction* – Prerequisite: MATH 1303 & PHYS 1441

*PHYS 1442 General College Physics II* – Prerequisite: PHYS 1441

### **General Education Courses:**

*Foundational Component Elective*

## **Sophomore Year, Spring Semester**

15 Semester Credit Hours

### **Pre-Professional Courses:**

*CM 2313 Construction Materials & Methods* – Prerequisite: CM 2311

*CM 2331 Construction Documents & Contracts* – Prerequisite: CM 2311

*MATH 1308 Elementary Statistical Analysis*

### **General Education Courses:**

*Language, Philosophy, and Culture Elective*

*POLS 2311 Government of the US*

# **Construction Management Curriculum & Requisites – 2022**

## **Junior Year, Fall Semester**

15 Semester Credit Hours

### **Professional Courses:**

*CM 3315 Construction Law & Ethics – Prerequisite: CM 2311 & CM 2313*

*CM 3331 Mechanical & Electrical Systems – Prerequisite: PHYS 1442*

*CM 3335 Soils and Foundations in Construction – Prerequisite: CM 2315*

*MANA 3318 Managing Organizational Behavior – Prerequisite: 60 Semester Credit Hours*

### **General Education Courses:**

*POLS 2312 State and Local Government*

## **Junior Year, Spring Semester**

15 Semester Credit Hours

### **Professional Courses:**

*CM 3313 Construction Estimating I – Prerequisite: CM 2311 & CM 2331*

*CM 3341 Construction Design – Prerequisite: CM 2313 & CM 2315*

*CM 3337 Construction Administration & Economics – Prerequisite: CM 2331 & MATH 1303*

*CM 3339 Construction Safety – Prerequisite: CM 2331*

### **General Education Courses:**

*Social & Behavioral Sciences Elective*

## **Senior Year, Fall Semester**

15 Semester Credit Hours

### **Professional Courses:**

*CM 43XX CM Elective (1)*

*CM 4317 Construction Scheduling – Prerequisite: CM 3313*

*CM 4315 Construction Estimating II – Prerequisite: ACCT 2301 & CM 3313*

*CM 4351 Building Information Modeling – Prerequisite: CM 3341*

*CM 4357 Sustainable Building Practices*

## **Senior Year, Spring Semester**

12 Semester Credit Hours

### **Professional Courses:**

*CM 4331 Construction Management Capstone*

*CM 43XX CM Elective (2)*

*CM 43XX CM Elective (3)*

*CM 43XX CM Elective (4)*