

Construction Management Technology, Associate of Applied Science



Recommended Sequence of Courses

Program Proficiencies and/or Prerequisites

Students must demonstrate proficiency in these areas either by placement scores or specific course work.

- English 2 Proficiency
- Reading 2 Proficiency
- Math 3 Proficiency

Term 1

- CM 1105 - Construction Detailing 3 credit hour(s) *
- CM 1110 - Construction Materials and Techniques 3 credit hour(s) *
- CM 1115 - Commercial Construction Theory 3 credit hour(s)
- ENG 1101 - College Writing 3 credit hour(s) *
- MATH 1310 - Intermediate Algebra 4 credit hour(s) or higher

Term 2

- CM 1205 - Computer Aided Construction Drafting/Engineering 3 credit hour(s) *
- CM 1210 - Mechanical Electrical Systems and Construction 3 credit hour(s) *
- CM 1215 - Construction Equipment and Methods 3 credit hour(s)
- CM 1220 - Introduction to Construction Project Management 3 credit hour(s)
- IT 1010 - Introduction to Computers 3 credit hour(s)

Term 3

- ACCT 1111 - Accounting IA 3 credit hour(s)
- CM 1305 - Construction Estimating 3 credit hour(s) *
- ENG 1119 - Technical Communications 3 credit hour(s)
or
- ENG 2219 - Technical Writing 3 credit hour(s)
or
- Communications Approved Elective 3 credit hour(s)
- OSH 2006 - Occupational Safety for Construction I 1 credit hour(s)
- OSH 2009 - Occupational Safety for Construction II 2 credit hour(s)
- PHYS 1010 - Introduction to Physics 3 credit hour(s) or higher

Term 4

- **CM 2105 - Construction Scheduling 3 credit hour(s) ***
- **CM 2115 - Computerized Estimating Techniques 3 credit hour(s) ***
- **CM 2120 - Statics 3 credit hour(s)**
- **COMM 2221 - Interpersonal Communication Studies 3 credit hour(s)**

- **Humanities Requirement 3 credit hour(s)**
or
- **Social/Behavioral Science Requirement 3 credit hour(s)**

Term 5

- **CM 2205 - Construction Surveying 3 credit hour(s) ***
- **CM 2210 - General Contractor Preparation 3 credit hour(s)**
- **CM 2999 - Construction Management Capstone Course 1 credit hour(s)**
- **BA 2240 - Business Law 3 credit hour(s)**
- **Technical Approved Elective 3 credit hour(s)**

Associates of Applied Science in Construction Management Technologies 74-75 credit hour(s)

* In accordance with a transfer agreement, courses may be applied toward the Bachelor of Science degree in Construction Management at the University of New Mexico.

- A catalog change was made per [catalog corrections team](#).

Program Approved Electives

Communications Approved Electives

- **COMM 2225 - Small-Group Communication Studies 3 credit hour(s)**
- **COMM 2232 - Business and Professional Communication Studies 3 credit hour(s)**
- **COMM 2240 - Organizational Communication 3 credit hour(s)**

Technical Approved Electives

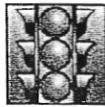
- **BA 2232 - Supervision 3 credit hour(s)**
- **CM 2215 - Estimating and Bidding 3 credit hour(s)**
- **CM 2220 - Computerized Project Management and Scheduling 3 credit hour(s) ***
- **CM 2997 - Independent Study 1-7 credit hour(s)**
- **CM 2998 - Internship 3 credit hour(s)**
- **PM 2200 - Budget and Resource Management 3 credit hour(s)**
- **PM 2210 - Contract Management 3 credit hour(s)**



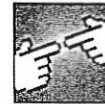
Construction Estimating and Scheduling, Certificate of Completion



Get Started



CNM Contact Center to get in touch with us



Program Description

In this program students acquire the basic knowledge and skills for construction estimating and scheduling. An emphasis is placed in developing the skills necessary to use state of the art, industry standard technology and software. Several of the program courses are transferable to the University of New Mexico Construction Management Bachelor of Science degree program.

Special Requirements

Because the level of experience for entering students varies, it may be necessary for new students to interview with the program chair to develop an appropriate schedule.

Career and Educational Opportunities

Gainful Employment information is available from Job Connection Services.

Students are prepared for entry level positions as construction estimators and schedulers.

Recommended Sequence of Courses

Program Proficiencies and/or Prerequisites

Students must demonstrate proficiency in these areas either by placement scores or specific course work.

- English 2 Proficiency
- Math 3 Proficiency
- Reading 2 Proficiency
- IT 1010

Term 1

- **CM 1105 - Construction Detailing 3 credit hour(s) ****
 - **CM 1110 - Construction Materials and Techniques 3 credit hour(s) ****
 - **CM 1205 - Computer Aided Construction Drafting/Engineering 3 credit hour(s) ****
 - **CM 1115 - Commercial Construction Theory 3 credit hour(s)**
-
- **CIS 1170 - Excel Fundamentals 1 credit hour(s)**
or
 - **CIS 1173 - Excel Complete 3 credit hour(s)**

Term 2

- **CM 1210 - Mechanical Electrical Systems and Construction 3 credit hour(s) ****
- **CM 1305 - Construction Estimating 3 credit hour(s) ****
- **CM 1220 - Introduction to Construction Project Management 3 credit hour(s)**

Term 3

- **CM 2105 - Construction Scheduling 3 credit hour(s) ****
- **CM 2115 - Computerized Estimating Techniques 3 credit hour(s) ****

Certificate of Completion in Construction Estimating and Scheduling 28-30 credit hour(s)

In accordance with a transfer agreement, courses marked with ** may be applied toward the Bachelor of Science degree in Construction Management at the University of New Mexico.



Student Learning Outcomes
Exit Competencies

Exit Competency A- Demonstrate knowledge and skills in basic business management and organization.

Exit Competency B- Demonstrate a firm understanding of how to read and interpret residential, commercial, and civil drawings and specifications.

Exit Competency C- Develop a systematic approach to construction cost estimation and project management techniques.

Exit Competency D- Illustrate proficiency in the use of computers and construction related software for CADD, estimating, project management, and basic office communication.

Exit Competency E- Apply relevant communication skills, project teamwork, and problem solving techniques in the construction industry work environment