



2015-2016 PETITION/PROGRAM SHEET
Degree: Associate of Applied Science
Major: Construction Technology
Emphasis: Supervision

About This Emphasis . . .

The A.A.S. degree in Construction Technology with an emphasis on Supervision is designed to prepare students for a wide range of opportunities in the Construction field that require management skills. The curriculum incorporates courses in building materials and testing, estimating, planning and scheduling, project management, and other supervisory and Essential Learning courses that develop management skills. Career options include obtaining a position as a purchasing manager, salesperson, crew supervisor, or project manager in the field of construction.

For more information on what you can do with this major, go to <http://www.coloradomesa.edu/wccc/programs.html>

All CMU associate graduates are expected to demonstrate proficiency in critical thinking, communication fluency, quantitative fluency, and specialized knowledge/applied learning. In addition to these campus-wide student learning outcomes, graduates of this major will be able to:

1. Demonstrate the fundamental skill in the oral and written language as required to effectively communicate within the construction industry. (Communication Fluency)
2. Demonstrate blueprint reading skills, and the surveying skills necessary to function in profession. (Specialized Knowledge)
3. Interpret, locate, organize and evaluate problems and tasks that arise in the building industry, solve these through the use of information resource skills necessary to the construction industry. (Critical Thinking)
4. Describe the scope and application of principle features of the field of study, including core practices in the construction industry. (Specialized Knowledge)
5. Demonstrate the mastery of OSHA safety standards in the construction industry. Generate a substantially error free product or process for the workforce. (Applied Learning)

NAME: _____ **STUDENT ID #:** _____

LOCAL ADDRESS AND PHONE NUMBER: _____

_____ () _____

I, (Signature) _____, hereby certify that I have completed (or will complete) all the courses listed on the Program Sheet. I have read and understand the policies listed on the last page of this program sheet. I further certify that the grade listed for those courses is the final course grade received except for the courses in which I am currently enrolled and the courses which I complete next semester. I have indicated the semester in which I will complete these courses.

Signature of Advisor _____ 20_____
Date

Signature of Department Head _____ 20_____
Date

Signature of Registrar _____ 20_____
Date

DEGREE REQUIREMENTS:

- 63 semester hours total (A minimum of 16 taken at CMU in no fewer than two semesters).
- 2.00 cumulative GPA or higher in all CMU coursework and “C” or better must be achieved in achieved in coursework toward major content area.
- Pre-collegiate courses (usually numbered below 100) cannot be used for graduation.
- A student must follow the CMU graduation requirements either from 1) the program sheet for the major in effect at the time the student officially declares a major; or 2) a program sheet for the major approved for a year subsequent to the year during which the student officially declares the major and is approved for the student by the department head. Because a program may have requirements specific to the degree, the student should check with the faculty advisor for additional criteria. It is the student’s responsibility to be aware of, and follow, all requirements for the degree being pursued. Any exceptions or substitutions must be approved by the student’s faculty advisor and Department Head.
- When filling out the program sheet a course can be used only once.
- See the “Undergraduate Graduation Requirements” in the catalog for additional graduation information.

ESSENTIAL LEARNING REQUIREMENTS (15semester hours)

See the current catalog for a list of courses that fulfill the requirements below. If a course is on the Essential Learning list of options and a requirement for your major, you must use it to fulfill the major requirement and make a different selection within the Essential Learning requirement. The Essential Learning capstone course and co-requisite Essential Speech course (required for bachelor’s degrees) cannot be used as options for the below requirements.

Course No	Title	Sem.hrs	Grade	Term/Trns
Communication (6 semester hours)				
ENGL 111	English Composition	3	_____	_____
ENGL 112	English Composition	3	_____	_____
-OR-				
ENGL 111	English Composition <u>and</u>	3	_____	_____
SPCH 101	Interpersonal Communication <u>or</u>	3	_____	_____
SPCH 102	Speechmaking	3	_____	_____

Mathematics: Minimum Math 107 Career Mathematics (Minimum 3 semester hours)

_____	_____	3	_____	_____
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*Please see your advisor for requirements specific to this program.

ELECTIVES:

- CADT (instructor advice)
- CONC (instructor advice)
- ACCT 201 Principles of Financial Accounting (3)
- MANG 201 Principles of Management (3)
- MANG 371 Human Resource Management (3)
- BUGB 351 Business Law I (3)

Course No	Title	Sem.hrs	Grade	Term/Trns
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Social Sciences, Natural Science, Fine Arts or Humanities (Minimum 6 semester hours)

ECON 201	Principles of Macroeconomics	3	_____	_____
_____	_____	3	_____	_____

WELLNESS REQUIREMENT (2 semester hours)

KINE 100	Health and Wellness	1	_____	_____
KINA 1	_____	1	_____	_____

ASSOCIATE OF APPLIED SCIENCE: CONSTRUCTION TECHNOLOGY – SUPERVISION COURSE REQUIREMENTS

(46 semester hours)

Core Classes

CONC 101	Construction Safety and Regulations	3	_____	_____
CONC 104	Architectural/Civil Print Reading	2	_____	_____
CADT 106	Computer Aided Design	3	_____	_____
CONC 116	Building Materials	3	_____	_____
CONC 117	Building Materials Testing	3	_____	_____
CONC 161	Building Mechanical and Electrical	3	_____	_____
CONC 208	Construction Equipment	3	_____	_____
CONC 218	Surveying	3	_____	_____
CONC 228	Estimating and Cost Control	3	_____	_____
CONC 234	Commercial/Industrial Plans	2	_____	_____
CONC 245	Project Management	3	_____	_____
CONC 251	Construction Preparation (Codes, Permits, etc.)	3	_____	_____
CONC 265	Planning & Scheduling for the Construction Supervisor	3	_____	_____

Electives (9 credit hours) from the list below.

_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

- BUGB 352 Business Law II (3)
- CHEM 121/L Principles of Chemistry – GTSC1 (4) / (1)
- PHYS 111/L General Physics – GTSC1 (4) / (1)
- STAT 200 Probability and Statistics (3)
- MARK 231 Principles of Marketing (3)
- FLAS Spanish

**SUGGESTED COURSE SEQUENCING FOR THE
ASSOCIATE OF APPLIED SCIENCE WITH A MAJOR IN
CONSTRUCTION TECHNOLOGY, EMPHASIS IN SUPERVISION**

This is a recommended sequence of course work. Certain courses may have prerequisites or are only offered during the Fall or Spring semesters. It is the student's responsibility to meet with the assigned advisor and check the 2 year course matrix on the Colorado Mesa website for course availability.

FRESHMAN YEAR

First Semester		Hours	Second Semester		Hours
ENGL 111	English Composition	3	ENGL 112	English Composition or SPCH 101/102	3
MATH 107	Career Math or higher	3	CONC 218	Surveying	3
CONC 101	Construction Safety & Regs.	3	CONC 117	Building Materials Testing	3
CONC 104	Architectural/Civil Print Reading	2	CONC 161	Building Mechanical & Elec.	3
CONC 116	Building Materials	3	CONC 208	Construction Equipment	3
KINE 100	Health & Wellness	1	CONC 234	Commercial/ Industrial Plans	<u>2</u>
KINA	Activity	<u>1</u>			17
		16			

SOPHOMORE YEAR

Third Semester		Hours	Fourth Semester		Hours
Social Sciences, Natural Science, Fine Arts or Humanities		3	CONC 245	Project Management	3
ECON 201	Prin. of Macroeconomics	3	Elective		3
CONC 228	Estimating and Cost Control	3	Elective		3
CONC 251	Construction Preparation	3	Elective		3
CONC 265	Plan. & Sched. for Cons. Super	<u>3</u>	CADT 106	Computer Aided Design	<u>3</u>
		15			15

POLICIES:

1. Please see the catalog for a complete list of graduation requirements.
2. This program sheet must be submitted with your graduation planning sheet to your advisor during the **semester prior to the semester of graduation, no later than October 1 for spring graduates, no later than March 1 for fall graduates**. You must turn in your "Intent to Graduate" form to the Registrar's Office **by September 15 if you plan to graduate the following May, and by February 15 if you plan to graduate the following December**.
3. Your advisor will sign and forward the Program Sheet and Graduation Planning Sheet to the Department Head for signature. Finally, the Department Head will submit the signed forms to the Registrar's Office. (Students cannot handle the forms once the advisor signs.)
4. If your petition for graduation is denied, it will be your responsibility to reapply for graduation in a subsequent semester. Your "Intent to Graduate" does not automatically move to a later graduation date.
5. NOTE: The semester before graduation, you may be required to take a Major Field Achievement Test (exit exam).