

Students completing the AAS in Construction Management degree have prepared themselves for supervisory/administrative roles within the construction/energy industry. The curriculum incorporates coursework in energy technologies, architectural principles, business, and construction technology.

Required Courses	Credits	Pre or Co Reqs Rqd	Course Availability		
			Fall	Spr	Sum
<b>General Education Courses</b>					
• COM 115 - Public Speaking* OR COM 125 - Interpersonal Communication	3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
• ENG 121 - English Composition GT-CO1 OR ENG 131 - Technical Writing GT-CO1*	3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
• MAN 226 - Principles of Management	3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
• MAT 108 - Technical Mathematics*	3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
• Restricted Elective (See Notes for specific requirements)	3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Major Courses</b>					
• ACC 101 - Fundamentals of Accounting	3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
• AEC 107 - Print Reading Residential/Commercial*	3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• AEC 110 - Architectural Design & Modeling*	3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• AEC 116 - Building Materials*	3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• AEC 206 - Applied Structure Analysis*	3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• AEC 216 - Construction Estimating*	3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• AEC 218 - Sustainable Building Systems*	3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• AEC 220 - Surveying*	3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• AEC 226 - Construction Scheduling*	3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• AEC 228 - Contracts & The Legal Environment*	3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• AEC 236 - International Building Codes*	3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• AEC 280 - Internship	3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• BUS 115 - Introduction to Business	3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
• BUS 216 - Legal Environment of Business	3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
• MAN 116 - Principles of Supervision	3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• MAN 216 - Small Business Management	3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

### Pre-Requisites, Co-Requisites, and Recommendations (grade C or better required)

Where requirements are listed as course categories (e.g. Electives, Arts/Humanities) rather than as specific courses, please note that depending upon course choice, pre-requisites may be required.

AEC 206 - Applied Structure Analysis\*

- Pre-Requisite: MAT 121 - College Algebra: GT-MA1 or higher

AEC 220 - Surveying\*

- Pre-Requisite: MAT 108 - Technical Mathematics or Higher

### Program Outcomes

- Define and differentiate various building materials.
- Locate, explain, and apply building codes.
- Demonstrate the ability to Print Read.
- Estimate building material needs.
- Understand contracts in a legal environment.

### Notes

- \*This course requires college level readiness as measured by Accuplacer, ACT, or SAT scores; approved high school course work that is less than five years old; or successful completion of appropriate college-readiness course.
- AAA 101 – College 101: Student Experience is required for all new college students seeking degrees or transfer.
- Course availability is subject to change.
- Recommended courses are listed above for certain electives; consult with the Academic Advising Office (advising@arapahoe.edu or 303.797.5664) or the Construction Management Department for additional elective recommendations.
- Refer to 19/20 catalog for specific requirements and important information about this degree.
- Restricted Elective: Select one (1) course GT from ART, MUS, PHI, POS, ANT, HUM, LIT, GEO, or SPA 101 or SPA 115.

### Graduation Requirements

- To graduate, students must apply for graduation (form available at [www.arapahoe.edu/departments-and-programs/graduation](http://www.arapahoe.edu/departments-and-programs/graduation)) by the deadline and meet all degree requirements.

RECOMMENDED COURSE SEQUENCE FULL-TIME TRACK

Year 1: Fall	Credits	Course
	3	ACC 101 - Fundamentals of Accounting
	3	AEC 107 - Print Reading Residential/Commercial
	3	AEC 110 - Architectural Design & Modeling
	3	BUS 115 - Introduction to Business
	3	ENG 121 - English Composition GT-CO1 OR ENG 131 - Technical Writing GT-CO1 ~Recommended English Course(s)~ ENG 131 - Technical Writing I: GT-CO1*
Year 1: Spring	Credits	Course
	3	AEC 116 - Building Materials
	3	AEC 206 - Applied Structure Analysis
	3	AEC 216 - Construction Estimating
	3	MAN 226 - Principles of Management
	3	MAT 108 - Technical Mathematics
Year 2: Fall	Credits	Course
	3	AEC 220 - Surveying
	3	AEC 226 - Construction Scheduling
	3	AEC 228 - Contracts & The Legal Environment
	3	BUS 216 - Legal Environment of Business
	3	COM 115 - Public Speaking OR COM 125 - Interpersonal Communication ~Recommended Communication Course(s)~ COM 115 - Public Speaking*
Year 2: Spring	Credits	Course
	3	AEC 218 - Sustainable Building Systems
	3	AEC 236 - International Building Codes
	3	AEC 280 - Internship
	3	MAN 116 - Principles of Supervision
	3	MAN 216 - Small Business Management
	3	Restricted Elective ~Recommended Course(s)~ ART 110 - Art Appreciation GT-AH1* LIT 115 - Introduction to Literature I: GT-AH2* MUS 120 - Music Appreciation: GT-AH1* PHI 112 - Ethics: GT-AH3* PHI 218 - Environmental Ethics: GT-AH3* POS 105 - Introduction to Political Science: GT-SS1* SPA 211 - Spanish Language III: GT-AH4

RECOMMENDED COURSE SEQUENCE PART-TIME TRACK

Year 1: Fall	Credits	Course
	3	ACC 101 - Fundamentals of Accounting
	3	AEC 107 - Print Reading Residential/Commercial
	3	ENG 121 - English Composition GT-CO1 OR ENG 131 - Technical Writing GT-CO1 ~Recommended English Course(s)~ ENG 131 - Technical Writing I: GT-CO1*
Year 1: Spring	Credits	Course
	3	AEC 116 - Building Materials
	3	MAT 108 - Technical Mathematics
Year 1: Summer	Credits	Course
	3	BUS 115 - Introduction to Business
	3	MAN 226 - Principles of Management
Year 2: Fall	Credits	Course
	3	AEC 110 - Architectural Design & Modeling
	3	AEC 220 - Surveying
	3	AEC 226 - Construction Scheduling
Year 2: Spring	Credits	Course
	3	AEC 206 - Applied Structure Analysis
	3	AEC 216 - Construction Estimating
	3	AEC 218 - Sustainable Building Systems
Year 2: Summer	Credits	Course
	3	BUS 216 - Legal Environment of Business
	3	COM 115 - Public Speaking OR COM 125 - Interpersonal Communication ~Recommended Communication Course(s)~ COM 115 - Public Speaking*
Year 3: Fall	Credits	Course
	3	AEC 228 - Contracts & The Legal Environment
	3	MAN 116 - Principles of Supervision
	3	Restricted Elective ~Recommended Course(s)~ ART 110 - Art Appreciation GT-AH1* LIT 115 - Introduction to Literature I: GT-AH2* MUS 120 - Music Appreciation: GT-AH1* PHI 112 - Ethics: GT-AH3* PHI 218 - Environmental Ethics: GT-AH3* POS 105 - Introduction to Political Science: GT-SS1* SPA 211 - Spanish Language III: GT-AH4
Year 3: Spring	Credits	Course
	3	AEC 236 - International Building Codes
	3	AEC 280 - Internship
	3	MAN 216 - Small Business Management