Academic Plan - Associate of Applied Science Construction Management

**Catalog Year: 2019/2020**

**Total Credits:63**

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.

# General Education Courses

3 Credits, COM 115 - Public Speaking\* OR COM 125 - Interpersonal Communication, available fall spring summer

3 Credits, ENG 121 - English Composition GT-CO1 OR ENG 131 - Technical Writing GT-CO1\*, available fall spring summer

3 Credits, MAN 226 - Principles of Management, available fall spring summer

3 Credits, MAT 108 - Technical Mathematics\*, available fall spring summer

3 Credits, Restricted Elective (See Notes for specific requirements), available fall spring summer

# Major Courses

3 Credits, ACC 101 - Fundamentals of Accounting, available fall spring summer

3 Credits, AEC 107 - Print Reading Residential/Commercial\*, available fall spring

3 Credits, AEC 110 - Architectural Design & Modeling\*, available fall spring

3 Credits, AEC 116 - Building Materials\*, available fall spring

3 Credits, AEC 206 - Applied Structure Analysis\*, available spring

3 Credits, AEC 216 - Construction Estimating\*, available spring

3 Credits, AEC 218 - Sustainable Building Systems\*, available spring

3 Credits, AEC 220 - Surveying\*, available fall

3 Credits, AEC 226 - Construction Scheduling\*, available fall

3 Credits, AEC 228 - Contracts & The Legal Environment\*, available fall

3 Credits, AEC 236 - International Building Codes\*, available spring

3 Credits, AEC 280 - Internship, available fall spring

3 Credits, BUS 115 - Introduction to Business, available fall spring summer

3 Credits, BUS 216 - Legal Environment of Business, available fall spring summer

3 Credits, MAN 116 - Principles of Supervision, available fall spring

3 Credits, MAN 216 - Small Business Management, available fall spring summer

# Pre-Requisites, Co-Requisites, and Recommendations

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

# Notes

Restricted Elective: Select one (1) course GT from ART, MUS, PHI, POS, ANT, HUM, LIT, GEO, or SPA 101 or SPA 115.

Course availability is subject to change.

Refer to 19/20 catalog for specific requirements and important information about this degree.

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.

\*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.

# Graduation Requirements

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

# RECOMMENDED COURSE SEQUENCE FULL-TIME TRACK

## Year 1: Fall

3 Credits, ACC 101 - Fundamentals of Accounting

3 Credits, AEC 107 - Print Reading Residential/Commercial

3 Credits, AEC 110 - Architectural Design & Modeling

3 Credits, BUS 115 - Introduction to Business

3 Credits, ENG 121 - English Composition GT-CO1 OR ENG 131 - Technical Writing GT-CO1

## Year 1: Spring

3 Credits, AEC 116 - Building Materials

3 Credits, AEC 206 - Applied Structure Analysis

3 Credits, AEC 216 - Construction Estimating

3 Credits, MAN 226 - Principles of Management

3 Credits, MAT 108 - Technical Mathematics

## Year 2: Fall

3 Credits, AEC 220 - Surveying

3 Credits, AEC 226 - Construction Scheduling

3 Credits, AEC 228 - Contracts & The Legal Environment

3 Credits, BUS 216 - Legal Environment of Business

3 Credits, COM 115 - Public Speaking OR COM 125 - Interpersonal Communication

## Year 2: Spring

3 Credits, AEC 218 - Sustainable Building Systems

3 Credits, AEC 236 - International Building Codes

3 Credits, AEC 280 - Internship

3 Credits, MAN 116 - Principles of Supervision

3 Credits, MAN 216 - Small Business Management

3 Credits, Restricted Elective

# RECOMMENDED COURSE SEQUENCE PART-TIME TRACK

## Year 1: Fall

3 Credits, ACC 101 - Fundamentals of Accounting

3 Credits, AEC 107 - Print Reading Residential/Commercial

3 Credits, ENG 121 - English Composition GT-CO1 OR ENG 131 - Technical Writing GT-CO1

## Year 1: Spring

3 Credits, AEC 116 - Building Materials

3 Credits, MAT 108 - Technical Mathematics

## Year 1: Summer

3 Credits, BUS 115 - Introduction to Business

3 Credits, MAN 226 - Principles of Management

## Year 2: Fall

3 Credits, AEC 110 - Architectural Design & Modeling

3 Credits, AEC 220 - Surveying

3 Credits, AEC 226 - Construction Scheduling

## Year 2: Spring

3 Credits, AEC 206 - Applied Structure Analysis

3 Credits, AEC 216 - Construction Estimating

3 Credits, AEC 218 - Sustainable Building Systems

## Year 2: Summer

3 Credits, BUS 216 - Legal Environment of Business

3 Credits, COM 115 - Public Speaking OR COM 125 - Interpersonal Communication

## Year 3: Fall

3 Credits, AEC 228 - Contracts & The Legal Environment

3 Credits, MAN 116 - Principles of Supervision

3 Credits, Restricted Elective

## Year 3: Spring

3 Credits, AEC 236 - International Building Codes

3 Credits, AEC 280 - Internship

3 Credits, MAN 216 - Small Business Management