



Program Map
Construction Management

Degree: Associate of Applied Science (AAS)



DESIGN, MANUFACTURING, CONSTRUCTION & APPLIED TECHNOLOGY

Program Description: This is an example course sequence for students interested in Construction Management. It does not represent a contract, nor does it guarantee course availability. If this pathway is followed as outlined, you will earn an Associate of Applied Science (AAS) degree in Construction Management.

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Students are ready to enter the competitive construction job market as assistant superintendents, cost estimators, and construction schedulers. Students are capable of building structures and managing construction processes.

The following degree outlines list courses in the recommended order that they may be taken. Students with no prior experience will get an extensive hands-on curriculum, gaining knowledge and skill that prepare them for working in the construction industry. Beginning students with no construction experience will rarely be allowed waivers or substitutions for first semester courses.

Students who have experience should call the Building Construction Technology department and talk with a department faculty advisor for possible waivers or substitutions in the sequence of courses. A student may gain college credits if adequate experience, skill, and knowledge are exhibited via a challenge exam.

Use this Program Map to choose courses with your college advisor and track your progress towards milestones and completion of program.

Pre-Degree Requirements		
Program Specific	Reading and Writing Placement <i>Placements based on TSI</i>	Mathematics Placement <i>Placements based on TSI</i>
☐	☐ Basic Developmental Courses ☐ ESOL Courses ☐ INRW Courses	☐ MATD-0332 - Basic Math Skills ☐ MATD-042x/032x – ALEKS Sequence ☐ MATD-0385/0485 – Developing Mathematical Thinking <i>Not prerequisite for MATH-1314/1324</i> ☐ MATD-0370 – Elementary Algebra ☐ MATD-0390 – Intermediate Algebra ☐ <i>Take MATD-0370 and 0390 to prepare for MATH-1314/1324</i>

SEMESTER-BY-SEMESTER PROGRAM PLAN FOR FULL-TIME STUDENTS
Plans can be modified to fit the needs of part-time students by adding more semesters

Semester 1	CR	Advising Notes
CNBT 1411 - Construction Methods and Materials I	4	
CNBT 1413 - Concrete I	4	
CRPT 1415 - Conventional Wall Systems	4	
SPCH 1315 - Public Speaking OR SPCH 1321 - Business and Professional Communication	3	
POFT 1171 - College to Career Success	1	New ACC Students with less than 12 SCH of successful college credit must take POFT 1171 in their first semester. Other students can choose an additional restricted elective from the departmental list.
	16	Program Semester Hours / Meet with your advisor
Semester 2		

CNBT 1300 - Residential and Light Commercial Blueprint Reading	3	
OSHT 1305 - OSHA Regulations - Construction Industry	3	
CNBT 1402 - Mechanical, Plumbing and Electrical Systems in Construction	4	
CNBT 2342 - Construction Management I	3	
	13	Program Semester Hours / Meet with your advisor
Semester 3		
CNBT 1446 - Construction Estimating I	4	
CNBT 2344 - Construction Management II	3	
Restricted Elective	3-4	Select from the following restricted electives: CNBT 2305, CNBT 2317, CRPT 1411, CRPT 1441, CRPT 1445, RBPT 2330.
Mathematics OR Life and Physical Sciences	3-4	Co-requisite; Students encouraged to take MATH 1333, GEOL 1305, or GEOL 1403.
	13-15	Program Semester Hours / Meet with your advisor
Semester 4		
CNBT 1359 - Project Scheduling	3	
Restricted Elective	3-4	Elective; Select from the following restricted electives: CNBT 2305, CNBT 2317, CRPT 1411, CRPT 1441, CRPT 1445, RBPT 2330.
ENGL 1301 - English Composition I OR ENGL 2311 - Technical and Business Writing	3	
Social and Behavioral Sciences	3	Select from the appropriate section of the Core Curriculum Course List.
	12-13	Program Semester Hours / Meet with your advisor
Semester 4		
CNBT 1372 - Construction/Building Technology/Technician-Capstone	3	
Language, Philosophy, and Culture OR Creative Arts	3	Select from the appropriate section of the Core Curriculum Course List. ACHIEVEMENT: Completion of Associate of Applied Science degree
	6	Program Semester Hours

Total Program Hours: 60-63

Career & Transfer Resources

ACC's Career & Transfer websites provide detailed, guided information on career exploration and transfer.

www.austincc.edu/career

www.austincc.edu/transfer

For further information regarding this specific program, please see the Career & Transfer Resources supplement provided in the next section of this Program Map.

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Career & Transfer Resources Updated 8/18/17

Career Information

Common Job Titles

Construction Managers, First-Line Supervisors of Construction Trades and Extraction Workers, Construction and Building Inspectors, Operating Engineers and Other Construction Equipment Operators

Regional Labor Market Information

Construction Managers: New workers generally start around \$50,778. Normal pay for Construction Managers is \$75,084 per year, while highly experienced workers can earn as much as \$136,892 in this region. There are currently 2,995 Construction Managers that are employed in Austin-Round Rock, TX. Source: <https://austincc.emsicc.com/careers/construction-manager>

First-Line Supervisors of Construction Trades and Extraction Workers: New workers generally start around \$33,549. Normal pay for First-Line Supervisors of Construction Trades and Extraction Workers is \$56,217 per year, while highly experienced workers can earn as much as \$86,502 in this region. There are currently 5,973 First-Line Supervisors of Construction Trades and Extraction Workers that are employed in Austin-Round Rock, TX. Source:

<https://austincc.emsicc.com/careers/first-line-supervisor-of-construction-trades-and-extraction-worker>

Construction and Building Inspectors: New workers generally start around \$36,743. Normal pay for Construction and Building Inspectors is \$56,104 per year, while highly experienced workers can earn as much as \$77,295 in this region. There are currently 2,921 Operating Engineers and Other Construction Equipment Operators that are employed in Austin-Round Rock, TX.

Source: <https://austincc.emsicc.com/careers/construction-and-building-inspector>

Operating Engineers and Other Construction Equipment Operators: New workers generally start around \$27,024. Normal pay for Operating Engineers and Other Construction Equipment Operators is \$36,477 per year, while highly experienced workers can earn as much as \$53,259 in this region. There are currently 2,921 Operating Engineers and Other Construction Equipment Operators that are employed in Austin-Round Rock, TX. Source:

<https://austincc.emsicc.com/careers/operating-engineer-or-other-construction-equipment-operator>

Career and labor market research tools (see Quick Reference Guide at <http://www.austincc.edu/career>):

EMSI: <https://austincc.emsicc.com/>, Bureau of Labor Statistics: <http://www.bls.gov/ooh/>, O*NET: <https://www.onetonline.org/>

Career Resources: ACC's career services website provides information on career exploration and employment at <http://www.austincc.edu/career>. Students are encouraged to consult with their area of study advisor for additional career assistance. The above information is provided as a guide and reference tool for occupations related to this program. This is not a guarantee of job placement in any of these occupations after successful completion of an ACC program. The common job titles listed are representative titles and are provided for career research. These are not the only occupations possible in this area of study.

Transfer Information

The Associate of Applied Science in Construction Management prepares students to directly enter the workforce. A Bachelor of Applied Arts and Sciences (BAAS) is a degree option for students in AAS programs who want to transfer and complete a 4-year degree.

Transfer Guides: *The universities listed here do not constitute an ACC endorsement. Transfer course evaluations and determination of what courses will count toward a bachelor's degree are made by the receiving transfer institution.*

Texas State University: <http://www.owls.txstate.edu/undergraduate-degrees/applied-arts-sciences.html>

Concordia University Texas: <http://www.concordia.edu/academics/college-of-business-and-communication/baas-in-business.html>

Texas A&M University Central Texas: <https://www.tamuct.edu/degrees/undergraduate/business-management.html>

Texas Tech University: https://www.depts.ttu.edu/universitystudies/prospective_students/baas.php

Additional Transfer Resources: ACC's transfer website provides information on additional colleges & universities:

<http://www.austincc.edu/transferguides>. Students are encouraged to consult with a faculty advisor, area of study advisor, and/or their chosen transfer institution to ensure courses taken at ACC will apply toward their bachelor's degree program