



**#1**  
CONSTRUCTION  
PROGRAM IN KS

# CONSTRUCTION TECHNOLOGY

## PROGRAM DESCRIPTION

The Construction Technology program offers training in residential and commercial construction needed in the workforce today. This training uses the National Center for Construction Education and Research (NCCER) curriculum. Course work includes safety, blue-print reading, tools and materials, framing, interior and exterior finishing, roofing, and installation of cabinets. Application and practice of skills is accomplished through various construction projects. This program aligns with the KBOR curriculum.

Length	Starts	Estimated Cost	Days	Times	Seat Deposit
<b>Associate of Applied Science</b>					
2 years	August	\$17,672	Mon - Thu	8am - 4:00pm	\$100
<b>Technical Certificate B</b>					
9 months	August	\$12,320	Mon - Thu	8am - 4:00pm	\$100
<b>Technical Certificate A</b>					
5 months	August	\$6,431	Mon - Thu	8am - 4:00pm	\$100



**Average Mean Kansas Wage**  
**\$44,760..**



**Get Hired!**  
Construction Management Companies  
and Private Construction

## FACULTY

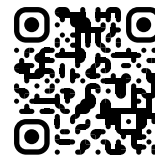
**Ed Zahler**  
Construction Technology Instructor  
[EdZahler@manhattantech.edu](mailto:EdZahler@manhattantech.edu)

**Greg Cranford**  
Air Conditioning & Refrigeration and  
Construction Technology Program Assistant  
[GregCranford@manhattantech.edu](mailto:GregCranford@manhattantech.edu)

## CERTIFICATION OPPORTUNITIES

- NCCER; craft skills, carpentry level 1 & 2, core curriculum, site safety management
- OSHA-10 Hour Safety Industry Certification
- Hilti powder actuated fasteners
- Aerial, scissor, and forklift certifications

## LEARN MORE



How to apply, full cost breakdowns and more:  
[manhattantech.edu/construction](http://manhattantech.edu/construction)

## MANHATTAN TECH ADMISSIONS OFFICE

📞 785.587.2800    📠 785.504.1679    ✉️ [admissions@manhattantech.edu](mailto:admissions@manhattantech.edu)    📍 3136 Dickens Ave | Manhattan, KS 66503

# Construction Technology Course Curriculum

## Associates in Applied Science

62 Credit Hours

### Technical Specialty Courses

34 Credit Hours

COURSE NO.	COURSE TITLE			CREDITS
<b>Fall Semester</b>				
BTR 102	OSHA 10 Construction Industry Certification	<i>Cert A</i>	<i>Cert B</i>	1
BTR 106	Introductory Craft Skills	<i>Cert A</i>	<i>Cert B</i>	3
BTR 116	Carpentry Basics	<i>Cert A</i>	<i>Cert B</i>	4
BTR 121	Floors, Walls & Ceiling Framing	<i>Cert A</i>	<i>Cert B</i>	4
BTR 131	Roof Framing	<i>Cert A</i>	<i>Cert B</i>	3
BTR 136	Windows, Doors & Stairs	<i>Cert A</i>	<i>Cert B</i>	3
<b>Spring Semester</b>				
EMP 1901	Global Employment Standards		<i>Cert B</i>	1
BTR 141	Cabinet Installation/Kitchen Design		<i>Cert B</i>	3
BTR 155	Drywall, Installation & Finishing		<i>Cert B</i>	3
BTR 160	Interior Finish Carpentry		<i>Cert B</i>	5
BTR 175	NCCER Carpentry Level 2		<i>Cert B</i>	4

### Suggested Technical Electives

13 Credit Hours

COURSE NO.	COURSE TITLE	CREDITS
ACC 100	Business Accounting	3
BTR 104	OSHA 30 Construction Industry Certification	2
BUS 111	Personal Finance	3
BUS 126	Introduction to Business	3
BUS 185	Business Ethics & Human Relations	3
BUS 255	Principles of Management	3

† Additional Technical Elective options are available; see an advisor

### General Education Requirements

15 Credit Hours

COURSE NO.	COURSE TITLE	CREDITS
<b>English</b>		<b>3 required</b>
COM 105	English Composition I	3
COM 110	Technical Writing	3
<b>Math</b>		<b>3 required</b>
MAT 109	Technical Mathematics II	3
MAT 110	Intermediate Algebra or higher	3
<b>Additional General Education</b>		<b>9 required</b>

Full general education elective list is located on page 028 of the College Catalog. [www.manhattantech.edu/catalog](http://www.manhattantech.edu/catalog)

### Certificate A Requirements

19 Credit Hours

Technical Specialty courses marked with "*Cert A*"

### Certificate B Requirements

39 Credit Hours

Technical Specialty courses marked with "*Cert B*" & MAT 108 Beginning Algebra or higher