

Construction Technology

Why should I major in Construction Technology?

If you enjoy working with your hands, building things and being around people, this career opportunity may be for you. IWCC's Construction Technology program offers students a great chance to receive hands-on experience in one of the top growth industries. The program is designed to meet the growing need of the building construction industry for qualified and skilled workers. During the course of this program, you will be trained to be proficient in all phases of residential and commercial construction.



In IWCC's program, you learn not only by course work, but by spending 90 percent of your time working out in the field. Projects range from building residential houses to working on community service projects for organizations such as Habitat for Humanity.

What type of degree will I earn at Iowa Western if I enroll in this program?

Graduates of this program will be awarded an Associate of Applied Science (AAS) degree. Another option would be to earn a diploma in the one-year residential construction technology program.

If I major in Construction Technology, can I transfer to a four-year college or university?

By earning an AAS degree in construction technology, you'll be qualified to enter right into the workforce. Through Iowa Western's construction technology program, you will receive the foundation to pursue other areas of interest including electrical, plumbing and HVAC (Heating, Ventilation and Air Conditioning) careers.

What is the job outlook for Construction Technology graduates and what type of jobs will I be qualified for?

The construction boom in southwest Iowa and the metro-Omaha area is expected to last for the next six years and there is a big demand for qualified workers. Graduates can expect to earn anywhere from \$10 to \$13 an hour.

Program of Study

The Construction Technology program of study provides a basic knowledge of carpentry and related skills used in residential and commercial construction. Residential construction involves the building or remodeling of homes, apartments and similar structures. Commercial construction involves advanced skills in concrete, metal building construction, advanced blueprint reading, and commercial interior/exterior wall finishes. The program provides the opportunity to learn and apply all phases of the industry with emphasis on carpentry. Graduates of this program are awarded an Associate of Applied Science degree.

* Students must complete the curriculum described below:

RECOMMENDED COURSE SEQUENCE

First Semester		Cr.
MAT 743	Technical Math	3
CON 114	Residential Print Reading	3
CON 180	Principles of Building Construction I	3
CON 170	Building Construction Techniques I	6
ENG 110	Writing for the Workplace <u>OR</u>	3
ENG 105	Composition I	3
		18
Second Semester		Cr.
CON 244	Related Trade Applications	3
CON 181	Principles of Building Construction II	3
CON 171	Building Construction Techniques II	6
MGT 195	Workplace Empowerment	3
CSC 110	Introduction to Computers	3
		18
Summer Term		Cr.
CON 425	Internship	4
		4
Third Semester		Cr.
CON 250	Principles of Commercial Construction I	3
CON 251	Commercial Construction Techniques I	6
CON 115	Commercial Print Reading II	3
CON 325	Estimating	3
		15
Fourth Semester		Cr.
CON 253	Principles of Commercial Construction II	3
CON 254	Commercial Construction Techniques II	6
CON 348	Supervision and Leadership in Building Construction	3
WEL 149	Arc Welding	3
	Social Science Elective	3
		18

73 semester hours required

**For More Information,
contact the Admissions Office:
712.325.3277 or 800.432.5852, ext. 3277
or the Program Chair at 712.325.3362
www.iwcc.edu**