



HIGH SCHOOL/ INDUSTRY CERTIFICATION	CERTIFICATE/ LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/ DOCTORAL PROFESSIONAL DEGREE

OCCUPATIONS	MEDIAN WAGE	ANNUAL OPENINGS	% GROWTH

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES



COURSE INFORMATION

COURSE NAME	COURSE NUMBER AND CREDITS	PREREQUISITES (PREQ) COREQUISITES (CREQ)	GRADE
Principles of Construction	8410 (1 credit)	None	9-10
Architectural Design I	8409 (1 credit)	Principles of Construction, Alg I and Eng I AND admission criteria	10
Construction Technology I Dual Credit	8412-6 (2 credits)	Principles of Construction	11
Construction Technology II Dual Credit	8413-6 (2 credits)	Construction Technology I Dual Credit	12

COURSE DESCRIPTIONS

Principles of Construction:

This course helps build foundation skills in construction. Jobsite safety, construction math, hand tools and power tools training coupled with communication and employability skills provide an excellent opportunity and insight into the career paths of the construction industry.

Architectural Design I:

Students will gain knowledge and skills in design, design history, techniques, and tools related to the production of drawings, renderings, and scaled models for nonresidential or residential architectural purposes.

Construction Technology I Dual Credit:

College Credits: CNBT 1110, CRPT 1411, 1415, 1422 & 1429

Students gain knowledge and skills specific to those needed to enter the work force as carpenters or building maintenance supervisors or prepare for a postsecondary degree in construction management, architecture, or engineering. Students acquire knowledge and skills in safety, tool usage, building materials, codes, and framing.

Construction Technology II Dual Credit:

College Credits: CNBT 1400 & 1446; CRPT 1441 & 1445

Students gain advanced knowledge and skills specific to those needed to enter the work force as carpenters, building maintenance technicians, or supervisors or prepare for a postsecondary degree in construction management, architecture, or engineering. Students build on the knowledge base from Construction Technology and are introduced to exterior and interior finish out skills.

Course in yellow are advanced courses for endorsement purposes.

