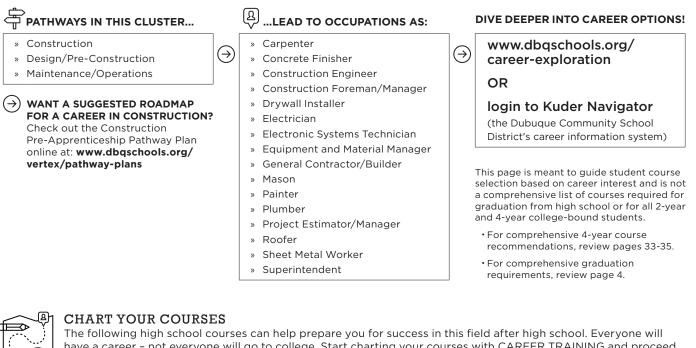
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## 🖽 SERVICE AREA: Applied Sciences, Technology, Engineering, and Manufacturing



Do you love working with your hands and bringing a vision to life? A career designing and building of homes, roads and other structures could be for you. According to the federal Bureau of Labor Statistics, the job outlook in architecture and construction is expected to see above-average growth through 2028, with the largest growth in the construction segment. More than half of the jobs in this cluster require a high school diploma or equivalent, plus some additional on-the-job or specialized training. There are also some occupations that require two-year, four-year or graduate degrees.



The following high school courses can help prepare you for success in this field after high school. Everyone will have a career – not everyone will go to college. Start charting your courses with CAREER TRAINING and proceed to 2-YEAR-DEGREE and 4-YEAR DEGREE based on your post-secondary plans.

CAREER TRAINING			2-YEAR DEGREE			4-YEAR DEGREE +	
Recommended Courses:			Recommended Courses:			Recommended Courses:	
INT117 INT323 INT332 INT383 INT385 INT387 WBL300	Woodworking Electricity/Electronics Metals Advanced Woodworking Construction I Construction II Employability Skills with Job Shadowing	(+)		Applied Math I and	(+)	2-YEAR DE	Composition II Architectural Design Foundations of College Math Math for Liberal Arts Physics mended CAREER TRAINING and GREE courses d Extension Courses:
WBL401 Internship   Suggested Extension Courses:   INT115 Engineering Drafting and Design I   INT413 Engineering Drafting and Design II   INT433 Architectural Design			MTH352 Applied Math II plus recommended CAREER TRAINING courses Suggested Extension Courses: ART113 Art 2D ART114 Art 3D INT401 Engineering I INT402 Engineering II			ART221/222 Advanced Art 3D ART227/228 Art 3D: Portfolio MTH331/332 Pre-Calculus with Trigonometry <i>plus</i> suggested CAREER TRAINING and 2-YEAR DEGREE courses	
			plus suggeste	ed CAREER TRAINING courses			