



Architecture & Construction Pre-Design Regional Career Pathway

New North Region

Shawano Community School District 2023-2024



EXPLORE: Click on the links to find the job titles that seem most interesting to you to learn more! Save any jobs you are interested in from this career pathway in your XELLO account so that you can create an Academic and Career Plan (ACP) later on.

Educational Level May also require work experience	Design/Pre-Construction	General Construction Skilled Trades *In the Construction Industry, experience is equally as important as a degree!
High School Diploma, Certification	Many entry level general laborer positions are available in both residential, commercial, road building, and industrial settings. Construction Laborer *o Pre-Apprentice Supplier Sales Carpenter Helper * Painter o Glazier Roofer o Commercial Motor Vehicle Operator (CDL) Mechanic Insulation workers Range \$ 28,350-\$82,720	
Certification or Technical Diploma	Appliance Technician * Landscape Technician HVAC Service Technician *o Retail/Design Consultant Range \$27,200-\$70,920	Cabinet Maker Bricklayer *o Boiler Operator Rough Carpenter * Tile Setter * Maintenance Technician Range \$29,550-\$77,530
Registered Apprenticeship	Concrete Finisher * Electrician o Plumber o * Operating Engineer *o Sheet Metal Worker o Steamfitter *o Boilermaker o Iron Worker o Carpenter *o Pipefitter * Crew Leader/Foreman * Superintendent * Fabricators Range \$35,990-88,760	
Associate Degree	Drafting Design Technician Surveyor Interior Designer o Landscape o Range \$31,420-82,520	Project Manager * Assistant Construction Manager * Cost Estimator * Range \$62,680-\$161,380
Bachelor Degree and beyond	Architect o Civil Engineer o Electrical Engineer Environmental Engineer Mechanical Engineer Landscape Architect o Range \$48,010-\$129,170	Safety Manager Company Owner Project Engineer * Construction Manager * o Range \$60,940-\$167,630
Postsecondary Options	Click HERE for Postsecondary Options	Click HERE for Postsecondary Options

* **BRIGHT OUTLOOK** = these jobs are expected to grow in the future – which means more opportunities for you!



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Your Academic and Career Plan (ACP) for this career pathway starts here...



Use this page to figure out which classes and activities you will take to prepare for this career pathway. Record your plan in XELLO.

Career and Technical Education Courses	Must include a sequence of at least TWO Career and Technical Education courses. Should align with Education Building Blocks for the pathway: <ul style="list-style-type: none"> • Basic Drafting • Advanced Drafting • Engineering Technology 		Start creating your professional network through CAREER EXPLORATION PROGRAMS . Record your experiences in XELLO.
Other Recommended Courses	<ul style="list-style-type: none"> • NWTC Vocational Math • Beginning Carpentry/Home Maintenance • Residential Electricity & Electronics • Advanced Machine Tool • Welding 		<u>State:</u> <ul style="list-style-type: none"> • Virtual Career Events • We Build Wisconsin • Wisconsin Sheet Metal and Steamfitters - request for classroom speaker
Career and Technical Student Organization	Skills USA		
Work-Based Learning Options	<ul style="list-style-type: none"> • Wolf River School to Work Youth Apprenticeship Program 		
Industry Recognized Credential Options <i>Italics = must be 18 years old to obtain</i>	Design Pre-Construction		General Construction Skilled Trades
	Autodesk AutoCAD & Certified Solidworks Associate		
College Credit Opportunities You can find the list of college credit opportunities included in the postsecondary options for this pathway HERE .	College Courses Offered at Your High School		
	Transcribed Credit <ul style="list-style-type: none"> • NWTC Vocational Math 	AP and/or IB Courses	
	College Courses You Can Take at a College Campus		
	Application Deadlines:		
Start College Now		October 1st: Spring Courses	February 1st: Summer Courses (ECCP only) March 1st: Fall Courses
		Early College Credit Program	