



Architecture & Construction Career Pathway

North-Central Wisconsin Northland Pines High School - 2023-24



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 * ◦ Pre-Apprentice Supplier Sales Carpenter Helper * Painter ◦ Roofer ◦ Helper-Extraction Worker * Other Construction-related Helpers Range \$23,850 - \$72,100	
Certification or Technical Diploma	Appliance Technician * Landscape Technician HVAC Service Technician ◦ * Retail/Design Consultant Applied Mechanical CAD Technician Excavating Operator/CDL Range \$24,000 - \$97,920	Cabinet Maker Bricklayer ◦ * Boiler Operator Rough Carpenter * Tile Setter * Heavy Equipment Operator ◦ Range \$25,300 - \$103,580
Registered Apprenticeship	Concrete Finisher * Electrician ◦ Plumber ◦ * Steamfitter * ◦ Boilermaker ◦ Iron Worker ◦ Carpenter ◦ * Operating Engineer * ◦ Sheet Metal Worker ◦ Pipefitter * Crew Leader/Foreman * Superintendent * Range \$31,500 = \$109,980	
Associate Degree	Drafting Design Technician Land Surveyor ◦ Interior Designer ◦ Landscape Architect ◦ Range \$33,500 - \$109,010	Assistant Project Manager * Assistant Construction Manager * Cost Estimator * Construction Foreman Construction Superintendent * Range \$40,180 - \$169,030
Bachelor Degree and beyond	Architect ◦ Civil Engineer ◦ Landscape Architect ◦ Interior Architect Project Engineer (Structural, Mechanical) Planner ◦ Range \$45,000- \$144,810	Safety Manager Company Owner (although a Bachelor's Degree is not required) Construction Manager * ◦ Range \$45,000 - \$208,000+ (It is recommended that students interested in the Skilled Trades also connect with local trades unions in this Pathway for more information on union-specific opportunities)
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!
 ◦ **XELLO** = you can learn more and save this job in your Xello account (note: some job titles might look a little different in Xello)



Architecture & Construction Career Pathway at Northland Pines High School



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"> • Wood Technology I • Wood Technology II • Introduction to Vocational Building Trades • Building Trades 		Start creating your professional network through CAREER EXPLORATION PROGRAMS . Record your experiences in XELLO.
Other Recommended Courses	<ul style="list-style-type: none"> • Introduction to Engineering Design • Graphic Design 		State: <ul style="list-style-type: none"> • We Build Wisconsin • Wisconsin Sheet Metal and Steamfitters - request for classroom speaker • United Brotherhood of Carpenters • ABC of Wisconsin Regional: <ul style="list-style-type: none"> • Wausau Area Builders Association • Headwaters Builders Association • Central Wisconsin Contractors Association • NorthEast Wisconsin Building & Construction Trades Council Local:
Career and Technical Student Organization	<ul style="list-style-type: none"> • Skills USA 		
Work-Based Learning Options	<ul style="list-style-type: none"> • Youth Apprenticeship through CESA 9 • Employability Skills 		
Industry Recognized Credential Options <i>Italics = must be 18 years old to obtain</i>	Design Pre-Construction		General Construction Skilled Trades
	OSHA 10 Career Connections Skill Level 3 - Carpenters International Training Fund		
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		
	Transcripted Credit	AP and/or IB Courses	
	College Courses You Can Take at a College Campus		
	Application Deadlines: October 1st: Spring Courses February 1st: Summer Courses (ECCP only) March 1st: Fall Courses		
Start College Now	Early College Credit Program		