



# Architecture & Construction Career Pathway

## North-Central Wisconsin

### White Lake High School - 2022-23



**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.

<b>Educational Level</b> May also require work experience	<b>Design/Pre-Construction</b>	<b>General Construction / Skilled Trades</b>  <b>*In the Construction Industry, experience is equally as important as a degree!</b>
High School Diploma, Certification	Many entry level general laborer positions are available in both residential, commercial, road building, and industrial settings. <a href="#">Construction Laborer</a> * ◦ <a href="#">Pre-Apprentice</a> <a href="#">Supplier Sales</a> <a href="#">Carpenter Helper</a> * <a href="#">Painter</a> ◦ <a href="#">Roofer</a> ◦ <a href="#">Helper-Extraction Worker</a> * <a href="#">Other Construction-related Helpers</a> Range \$23,850 - \$72,100	
Certification or Technical Diploma	<a href="#">Appliance Technician</a> * <a href="#">Landscape Technician</a> <a href="#">HVAC Service Technician</a> ◦ * <a href="#">Retail/Design Consultant</a> <a href="#">Applied Mechanical CAD Technician</a> <a href="#">Excavating Operator/CDL</a> Range \$24,000 - \$97,920	<a href="#">Cabinet Maker</a> <a href="#">Bricklayer</a> ◦ * <a href="#">Boiler Operator</a> <a href="#">Rough Carpenter</a> * <a href="#">Tile Setter</a> * <a href="#">Heavy Equipment Operator</a> ◦ Range \$25,300 - \$103,580
Registered Apprenticeship	<a href="#">Concrete Finisher</a> * <a href="#">Electrician</a> ◦ <a href="#">Plumber</a> ◦ * <a href="#">Steamfitter</a> * ◦ <a href="#">Boilermaker</a> ◦ <a href="#">Iron Worker</a> ◦ <a href="#">Carpenter</a> ◦ * <a href="#">Operating Engineer</a> * ◦ <a href="#">Sheet Metal Worker</a> ◦ <a href="#">Pipefitter</a> * <a href="#">Crew Leader/Foreman</a> * <a href="#">Superintendent</a> * Range \$31,500 - \$109,980	
Associate Degree	<a href="#">Drafting Design Technician</a> <a href="#">Land Surveyor</a> ◦ <a href="#">Interior Designer</a> ◦ <a href="#">Landscape Architect</a> ◦  Range \$33,500 - \$109,010	<a href="#">Assistant Project Manager</a> * <a href="#">Assistant Construction Manager</a> * <a href="#">Cost Estimator</a> * <a href="#">Construction Foreman</a> <a href="#">Construction Superintendent</a> * Range \$40,180 - \$169,030
Bachelor Degree and beyond	<a href="#">Architect</a> ◦ <a href="#">Civil Engineer</a> ◦ <a href="#">Landscape Architect</a> ◦ <a href="#">Interior Architect</a> <a href="#">Project Engineer (Structural, Mechanical)</a> <a href="#">Planner</a> ◦  Range \$45,000 - \$144,810	<a href="#">Safety Manager</a> <a href="#">Company Owner</a> (although a Bachelor's Degree is not required) <a href="#">Construction Manager</a> * ◦  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 <a href="#">HERE</a> for Postsecondary Options	Click <a href="#">HERE</a> 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 White Lake 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.

<b>Career and Technical Education Courses</b>	<ul style="list-style-type: none"> <li>Materials Processing</li> <li>Construction</li> <li>Design &amp; Technology</li> <li>Furniture Making</li> </ul>	Start creating your professional network through <b>CAREER EXPLORATION PROGRAMS</b> . Record your experiences in XELLO.
<b>Other Recommended Courses</b>	<ul style="list-style-type: none"> <li>Advanced Processing</li> <li>Technical Math</li> <li>Communications</li> <li>Chemistry</li> </ul>	State: <ul style="list-style-type: none"> <li><a href="#">We Build Wisconsin</a></li> <li><a href="#">Wisconsin Sheet Metal and Steamfitters - request for classroom speaker</a></li> <li><a href="#">United Brotherhood of Carpenters</a></li> <li><a href="#">ABC of Wisconsin</a></li> </ul>
<b>Career and Technical Student Organization</b>		Regional: <ul style="list-style-type: none"> <li><a href="#">Wausau Area Builders Association</a></li> <li><a href="#">Headwaters Builders Association</a></li> <li><a href="#">Central Wisconsin Contractors Association</a></li> <li><a href="#">NorthEast Wisconsin Building &amp; Construction Trades Council</a></li> </ul>
<b>Work-Based Learning Options</b>	<ul style="list-style-type: none"> <li><a href="#">Youth Apprenticeship- Architecture and Construction</a> (450 hrs/year; 1-2 years)</li> </ul>	
<b>Industry Recognized Credential Options</b>  <i>Italics = must be 18 years old to obtain</i>	<b>Design Pre-Construction</b>	<b>General Construction Skilled Trades</b>
	<a href="#">OSHA 10</a>	
<b>College Credit Opportunities</b>  You can find the list of college credit opportunities included in the postsecondary options for this pathway <a href="#">HERE</a> .	<b>College Courses Offered at Your High School</b>	
	<b>Transcripted Credit</b> <ul style="list-style-type: none"> <li>Furniture Making (NTC)</li> </ul>	<b>AP and/or IB Courses</b>
	<b>College Courses You Can Take at a College Campus</b>	
	Application Deadlines:	
	October 1st: Spring Courses	February 1st: Summer Courses (ECCP only)
	March 1st: Fall Courses	
	<b>Start College Now</b>	<b>Early College Credit Program</b>