



# Architecture & Construction Career Pathway

## Milwaukee 7 Region

### 2021-2022



**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>
High School Diploma, Certification	<p><b>*In the Construction Industry, experience is equally as important as a degree! There are always opportunities to reskill and upskill.</b></p> <p>Many entry level general laborer positions are available in both residential, commercial, road building, and industrial settings.  <a href="#">Construction Laborer</a> * <input type="radio"/>    <a href="#">Pre-Apprentice</a>    <a href="#">Supplier Sales</a>    <a href="#">Carpenter Helper</a> *    <a href="#">Painter</a> <input type="radio"/>    <a href="#">Roofer</a> <input type="radio"/>            Range \$20,900 - \$74,700</p>	
Certification or Technical Diploma	<p><a href="#">Appliance Technician</a> *  <a href="#">Landscape Technician</a>  <a href="#">HVAC Service Technician</a> <input type="radio"/> *  <a href="#">Retail/Design Consultant</a></p> <p>Range \$16,900 - \$89,000</p>	<p><a href="#">Cabinet Maker</a>  <a href="#">Bricklayer</a> <input type="radio"/> *  <a href="#">Boiler Operator</a>  <a href="#">Rough Carpenter</a> *  <a href="#">Tile Setter</a> *            Range \$24,200 - \$82,400</p>
Registered Apprenticeship	<p><a href="#">Concrete Finisher</a> *    <a href="#">Electrician</a> <input type="radio"/>    <a href="#">Plumber</a> <input type="radio"/> *  <a href="#">Operating Engineer</a> * <input type="radio"/>    <a href="#">Sheet Metal Worker</a> <input type="radio"/></p> <p><a href="#">Steamfitter</a> * <input type="radio"/>    <a href="#">Boilermaker</a> <input type="radio"/>    <a href="#">Iron Worker</a> <input type="radio"/>    <a href="#">Carpenter</a> <input type="radio"/> *  <a href="#">Pipefitter</a> *    <a href="#">Crew Leader/Foreman</a> *    <a href="#">Superintendent</a> *            Range \$19,200 - \$152,000</p>	
Associate Degree	<p><a href="#">Drafting Design Technician</a>  <a href="#">Surveyor</a>  <a href="#">Interior Designer</a> <input type="radio"/>  <a href="#">Landscape Architect</a> <input type="radio"/></p> <p>Range \$19,200 - \$78,600</p>	<p><a href="#">Project Manager</a> *  <a href="#">Assistant Construction Manager</a> *  <a href="#">Cost Estimator</a> *            Range \$37,000 - \$169,000</p>
Bachelor Degree and beyond	<p><a href="#">Architect</a> <input type="radio"/>  <a href="#">Civil Engineer</a> <input type="radio"/>  <a href="#">Landscape Architect</a> <input type="radio"/></p> <p>Range \$29,700 - \$111,100</p>	<p><a href="#">Safety Manager</a>  <a href="#">Project Engineer</a> *  <a href="#">Construction Manager</a> * <input type="radio"/>  <a href="#">Company Owner</a>            Range \$28,500 - \$336,000</p>
Postsecondary Options	<p>Click <a href="#">HERE</a> for Postsecondary Options</p>	<p>Click <a href="#">HERE</a> for Postsecondary Options</p>

\* **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 In High School



A career pathway in high school must include:

- A sequence of courses (including at least 2 CTE courses)
- Two of the following components: *Career and Technical Student Organization, Work-based Learning, Industry Recognized Credential, College Credit Opportunity*

<b>Career and Technical Education Courses</b>	Must include a sequence of at least TWO Career and Technical Education courses. Should align with <a href="#">Education Building Blocks</a> for the pathway: <ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>•</li> </ul>		<b>Career Exploration Programs</b>  State: <ul style="list-style-type: none"> <li>• <a href="#">We Build Wisconsin</a></li> </ul> Regional: <ul style="list-style-type: none"> <li>• <a href="#">WRTP Big Step Youth Programs</a></li> <li>• <a href="#">MBA Building Trades Career Day</a></li> <li>• <a href="#">Building to Learn</a></li> <li>• <a href="#">ACE Mentor Program</a></li> </ul> Local: <ul style="list-style-type: none"> <li>•</li> </ul>	
<b>Relevant Academic Courses</b>	Should align with <a href="#">Education Building Blocks</a> for this pathway: <ul style="list-style-type: none"> <li>•</li> <li>•</li> </ul>			
<b>Career and Technical Student Organization</b>	<a href="#">Skills USA</a>			
<b>Work-based Learning Program Options</b>	<ul style="list-style-type: none"> <li>• <a href="#">Employability Skills</a> (90 hrs)</li> <li>• <a href="#">State Skill Standards Co-Op-Construction</a> (480 hrs/1 year)</li> <li>• <a href="#">Youth Apprenticeship- Architecture and Construction</a> (450 hrs/year; 1-2 years)</li> <li>• Local Work-based Learning Programs that meet <a href="#">state quality requirements</a></li> </ul>			
	<b>Design Pre-Construction</b>		<b>General Construction Skilled Trades</b>	
<b>Industry Recognized Credential Options</b> Learn the skills that employers want to see!  <i>Italics = must be 18 years old to obtain</i>  <a href="#">*This certification is eligible for reimbursement through the technical incentive grant</a>	<a href="#">OSHA 10</a> , <a href="#">Wisconsin Drivers License</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> .			

- [North American Technician Excellence \(NATE\): HVAC Support Technician\\*](#)
- [Multi-Craft Core Curriculum\\*](#)

- [National Center for Construction Education & Research \(NCCER\)\\*](#)
- [Career Connections/Level 3\\*](#)
- [Woodwork Career Alliance: Sawblade\\*](#)