



# Architecture & Construction Career Pathway

## New North Region

### Bowler High School 2022-2023



**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> *o <a href="#">Pre-Apprentice</a> <a href="#">Supplier Sales</a> <a href="#">Carpenter Helper</a> * <a href="#">Painter</a> o <a href="#">Glazier</a> <a href="#">Roofer</a> o <a href="#">Commercial Motor Vehicle Operator (CDL)</a> <a href="#">Mechanic</a> <a href="#">Insulation workers</a> <b>Range \$ 28,350-\$82,720</b>	
Certification or Technical Diploma	<a href="#">Appliance Technician</a> * <a href="#">Landscape Technician</a> <a href="#">HVAC Service Technician</a> *o <a href="#">Retail/Design Consultant</a>  <b>Range \$27,200-\$70,920</b>	<a href="#">Cabinet Maker</a> <a href="#">Bricklayer</a> *o <a href="#">Boiler Operator</a> <a href="#">Rough Carpenter</a> * <a href="#">Tile Setter</a> * <a href="#">Maintenance Technician</a>  <b>Range \$29,550-\$77,530</b>
Registered Apprenticeship	<a href="#">Concrete Finisher</a> * <a href="#">Electrician</a> o <a href="#">Plumber</a> o* <a href="#">Operating Engineer</a> *o <a href="#">Sheet Metal Worker</a> o <a href="#">Steamfitter</a> *o <a href="#">Boilermaker</a> o <a href="#">Iron Worker</a> o <a href="#">Carpenter</a> *o <a href="#">Pipefitter</a> * <a href="#">Crew Leader/Foreman</a> * <a href="#">Superintendent</a> * <a href="#">Fabricators</a> <b>Range \$35,990-88,760</b>	
Associate Degree	<a href="#">Drafting Design Technician</a> <a href="#">Surveyor</a> <a href="#">Interior Designer</a> o <a href="#">Landscape Architect</a> o  <b>Range \$31,420-82,520</b>	<a href="#">Project Manager</a> * <a href="#">Assistant Construction Manager</a> * <a href="#">Cost Estimator</a> *  <b>Range \$62,680-\$161,380</b>
Bachelor Degree and beyond	<a href="#">Architect</a> o <a href="#">Civil Engineer</a> o <a href="#">Electrical Engineer</a> <a href="#">Environmental Engineer</a> <a href="#">Mechanical Engineer</a> <a href="#">Landscape Architect</a> o  <b>Range \$48,010-\$129,170</b>	<a href="#">Safety Manager</a> <a href="#">Company Owner</a> <a href="#">Project Engineer</a> * <a href="#">Construction Manager</a> * o  <b>Range \$60,940-\$167,630</b>
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!

o **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 Bowler 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>	<p>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:</p> <ul style="list-style-type: none"> <li>• Construction</li> <li>• Drafting/ REVIT</li> <li>• Drafting/ Auto CAD</li> <li>• Drafting- SketchUp8</li> <li>• Drafting/ Autodesk Inventor</li> </ul>	<p>Start creating your professional network through <b>CAREER EXPLORATION PROGRAMS</b>. Record your experiences in XELLO.</p>
<b>Other Recommended Courses</b>	<ul style="list-style-type: none"> <li>• Manufacturing</li> <li>• Introduction to Welding</li> <li>• Manufacturing Fundamentals of Furniture</li> <li>• Welding</li> <li>• Metals Technology</li> <li>• Welding Arts</li> </ul>	<p><u>State:</u></p> <ul style="list-style-type: none"> <li>• <a href="#">Virtual Career Events</a></li> <li>• <a href="#">We Build Wisconsin</a></li> <li>• <a href="#">Wisconsin Sheet Metal and Steamfitters - request for classroom speaker</a></li> </ul> <p><u>Regional:</u></p> <ul style="list-style-type: none"> <li>•</li> </ul> <p><u>Local:</u></p> <ul style="list-style-type: none"> <li>•</li> </ul>
<b>Work-Based Learning Options</b>	<ul style="list-style-type: none"> <li>• <a href="#">Youth Apprenticeship</a> - Architecture &amp; Construction Pathway (450 hours per year)</li> </ul>	
<b>Industry Recognized Credential Options</b>  <i>Italics = must be 18 years old to obtain</i>	<p style="text-align: center;"><b>Design Pre-Construction</b></p>	<p style="text-align: center;"><b>General Construction Skilled Trades</b></p>
<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>• Math for the Trades (NTC)</li> </ul>	
	<b>College Courses You Can Take at a College Campus</b>	
	<p style="text-align: center;">October 1st: Spring Courses</p> <p><b>Start College Now</b></p>	<p style="text-align: center;">February 1st: Summer Courses (ECCP only)      March 1st: Fall Courses</p> <p style="text-align: center;">Application Deadlines:</p> <p><b>Early College Credit Program</b></p>