



# Architecture & Construction Career Pathway

## NEW North Clintonville 2023-2026



**EXPLORE:** Click on the the job title links that seem most interesting to you to learn more about! 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. *Note: In the Architecture and Construction Industry, experience can be equally as important as a degree! Many entry level general laborer positions are available in residential, commercial, road building, and industrial settings.*

Educational Level May also require work experience	Design/Pre-Construction	General Construction/Skilled Trades	Post-Construction/Maintenance/Operation
High School Diploma, Certification	<a href="#">Landscaper</a> <input type="radio"/> <a href="#">Sales Representative</a> <input type="radio"/> Range \$ 30,500-91,500	<a href="#">Construction Laborer</a> <input checked="" type="radio"/> Range \$ 29,700-72,430	<a href="#">Hazardous Materials Removal Workers</a> <input type="radio"/> Range \$ 32,900-81,100
Registered Apprenticeship (Earn While You Learn)	<a href="#">Bricklayer</a> <input type="radio"/> <a href="#">Carpenter</a> <input checked="" type="radio"/> <a href="#">Concrete Finisher and Cement Mason</a> <input checked="" type="radio"/> <a href="#">Construction Craft Laborer</a> <input checked="" type="radio"/> <a href="#">Construction Electrician</a> <input checked="" type="radio"/> <a href="#">Environmental Systems Technician and HVAC Installer-Technician</a> <input type="radio"/> <a href="#">Glazier</a> <input type="radio"/> <a href="#">Heat and Frost Insulator</a> <input type="radio"/> <a href="#">Heavy Equipment Operator and Operating Engineer</a> <input type="radio"/> <a href="#">Ironworker</a> <input type="radio"/> <a href="#">Painter and Decorator</a> <input type="radio"/> <a href="#">Plasterer</a> <input type="radio"/> <a href="#">Plumber</a> <input checked="" type="radio"/> <a href="#">Residential Wirer</a> <input type="radio"/> <a href="#">Roofer and Waterproofor</a> <input type="radio"/> <a href="#">Sheet Metal</a> <input type="radio"/> <a href="#">Sprinkler Fitter</a> <input type="radio"/> <a href="#">Steamfitter</a> <input type="radio"/> <a href="#">Taper and Finisher</a> <input type="radio"/> <a href="#">Tile Setter</a> <input type="radio"/> Range \$43,300-82,500		
Certification or Technical Diploma	<a href="#">Drafting Design Technician</a> Range \$37,800-86,200	<a href="#">Cabinet Maker</a> <input type="radio"/> <a href="#">Boiler Operator</a> <input type="radio"/> <a href="#">Rough or Finish Carpenter</a> <input checked="" type="radio"/> <a href="#">Construction Foreman</a> <input type="radio"/> <a href="#">Solar Installer</a> Range \$38,200-95,300	<a href="#">Appliance Technician</a> <input type="radio"/> <a href="#">Account Clerk</a> <input type="radio"/> <a href="#">Computer Technician</a> <input type="radio"/> Range \$32,300-76,100
Associate Degree	<a href="#">Civil Engineering Technician</a> <input type="radio"/> <a href="#">Surveyor</a> <input type="radio"/> <a href="#">Interior Designer</a> <input type="radio"/> <a href="#">Cost Estimator</a> <input type="radio"/> Range \$38,800-103,700	<a href="#">Project Manager</a> <input type="radio"/> Range \$56,700-135,300	<a href="#">Landscape Supervisor</a> <a href="#">Computer Network Technician</a> <input type="radio"/> <a href="#">Construction/Building Inspector</a> <input type="radio"/> Range \$39,800-99,900
Bachelor Degree and Beyond	<a href="#">Architect</a> <input type="radio"/> <a href="#">Civil Engineer</a> <input type="radio"/> <a href="#">Landscape Architect</a> <input type="radio"/> <a href="#">Urban and Regional Planner</a> <input type="radio"/> Range \$51,300-129,600	<a href="#">Engineering Manager</a> <a href="#">Safety Manager</a> <a href="#">Company Owner</a> <input type="radio"/> <a href="#">Construction Manager</a> <input type="radio"/> Range \$68,800-177,300	<a href="#">Facilities Manager</a> <a href="#">Accountant</a> <input type="radio"/> <a href="#">Mechanical Engineer</a> <input type="radio"/> <a href="#">Electrical Engineer</a> <input type="radio"/> Range \$58,800-153,750
Postsecondary Options	Click <a href="#">HERE</a> for 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 and Construction Career Pathway at Clintonville 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>Craftsmanship</li> <li>Drafting 1</li> <li>Construction 1</li> <li>3D Design 1</li> <li>Advanced Drafting</li> </ul>	Start creating your professional network through CAREER EXPLORATION OPPORTUNITIES. Record your experiences in XELLO.								
<b>Other Recommended Courses</b>	<ul style="list-style-type: none"> <li>Welding</li> <li>Advanced Welding</li> <li>Industrial and Automation Technology</li> </ul>	State: <ul style="list-style-type: none"> <li>Regional:</li> <li>Local:</li> </ul>								
<b>Career and Technical Student Organization</b>	<ul style="list-style-type: none"> <li>Skills USA</li> </ul>									
<b>Work-Based Learning Options</b>	<ul style="list-style-type: none"> <li>Youth Apprenticeship</li> </ul>									
<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="#">Employment of Minors Laws</a> ; <a href="#">Manufacturing and Construction Equipment</a>  <a href="#">*This certification is eligible for reimbursement through the technical incentive grant</a>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;">Design Pre-Construction</td> <td style="width: 33%; text-align: center;">General Construction Skilled Trades</td> <td style="width: 33%; text-align: center;">Post-Construction/Maintenance/Operation</td> </tr> <tr> <td colspan="3" style="text-align: center;">                     OSHA 10 - General Industry Version                      OSHA 30 - General Industry Version                      Autodesk Certified Associate - Construction                      EPA 608 Universal Certification                      Safety Technology                      Fall Protection Orientation                 </td> </tr> <tr> <td style="height: 100px;"></td> <td style="height: 100px;"></td> <td style="height: 100px;"></td> </tr> </table>	Design Pre-Construction	General Construction Skilled Trades	Post-Construction/Maintenance/Operation	OSHA 10 - General Industry Version OSHA 30 - General Industry Version Autodesk Certified Associate - Construction EPA 608 Universal Certification Safety Technology Fall Protection Orientation					
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<b>College Credit Opportunities</b>  You can find the list of college credit opportunities for this pathway <a href="#">HERE</a>  You can find the postsecondary options for this pathway <a href="#">HERE</a> .	<b>College Courses Offered at Your High School</b>									
	Transcribed Credit <ul style="list-style-type: none"> <li>College Tech Math</li> <li>Drafting</li> <li>Layout and Sawing Operations</li> </ul>	AP and/or IB Courses								
	<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									
	Start College Now	Early College Credit Program								