



Architecture & Construction Career Pathway

New North Region

Gillett Secondary School 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.

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

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| Career and Technical Education Courses | <ul style="list-style-type: none"> NWTC Mechanical Drafting NWTC Architecture Design Building Trades 1, Building Trades 2 Electricity | Start creating your professional network through CAREER EXPLORATION PROGRAMS . Record your experiences in XELLO. |
| Other Recommended Courses | <ul style="list-style-type: none"> NWTC Technical MATH A and B | <u>State:</u> <ul style="list-style-type: none"> Virtual Career Events We Build Wisconsin Wisconsin Sheet Metal and Steamfitters - request for classroom speaker |
| Career and Technical Student Organization | <ul style="list-style-type: none"> Skills USA | <u>Local:</u> <ul style="list-style-type: none"> Oconto Falls Career Fair Apprenticeship Presentation College Representatives NWTC Career Coach Industry Speakers Union Trades Day |
| Work-Based Learning Options | <ul style="list-style-type: none"> Youth Apprenticeship- Architecture and Construction (450 hrs/year; 1-2 years) | |
| Industry Recognized Credential Options <i>Italics = must be 18 years old to obtain</i> | Design Pre-Construction | General Construction Skilled Trades |
| | OSHA 10 Wisconsin Drivers License | |
| | | <ul style="list-style-type: none"> Career Connections/Level 3* |
| 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 | |
| | Transcribed Credit <ul style="list-style-type: none"> NWTC Architecture Design NWTC Mechanical Drafting | 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 |