Spotlight on Architecture and Construction

Would you like to get paid to build the things people use everyday? If so, a career in architecture and construction may be for you. Architecture and construction workers work on buildings and other structures including highways, bridges, houses, and buildings.

There are three main pathways in this career cluster:

- **Construction** – workers who build and remodel homes or community, recreational, industrial and office facilities. Includes builders of highways, streets, bridges, tunnels and airports. Occupations in this pathway include Brickmasons and Blockmasons, Carpenters, Construction Laborers, Construction Managers, Electricians, Drywall and Ceiling Tile Installers, Painters, Pipefitters, Plumbers, Roofers, Sheet Metal Workers and Stonemasons.

- **Design and Pre-Construction** – occupations relate to the management and planning of building construction projects and resources. These may include Architects, Interior Designers, Landscape Architects, Civil Engineers, Cost Estimators, Drafters, Transportation Engineers, and Surveyors.

- **Maintenance and Operations** – includes occupations that unload, inspect, install and repair equipment and machinery. Work includes maintenance of buildings and operations of refineries, power plants, chemical plants, and mills. Examples of these occupations include Boilermakers, Heating and Air Conditioning Mechanics and Installers, Landscaping and Groundskeeping Workers, Refrigeration Mechanics and Installers, Solar Thermal Installers and Technicians, and Weatherization Installers and Technicians.

**Did You Know?**

Construction workers are in-demand; jobs pay well and many require little formal training beyond high school.

- The median hourly wage for construction workers in Minnesota is $27.10. This is approximately 35% higher than the median hourly wage for all occupations in Minnesota ($20.07). [https://apps.deed.state.mn.us/lmi/oes/Results.aspx](https://apps.deed.state.mn.us/lmi/oes/Results.aspx)

- It is anticipated that construction will remain one of the top fastest-growing industry sectors in Minnesota between 2014 and 2024. Health Care Support ranks number one and is projected to grow by 17.6% while Construction is projected to grow by 7.7%. The DEED Labor Market Information Office projects total employment in Minnesota to grow by 4.3%. [https://mn.gov/deed/data/data-tools/employment-outlook/](https://mn.gov/deed/data/data-tools/employment-outlook/)

- According to DEED's [Job Vacancy Survey](https://careerwise.minnstate.edu/careers/architecture.html), of the 3864 construction vacancies reported by employers during 4th Quarter, 2017:
  - 45% did not require any educational attainment;
  - 34% required a high school diploma or GED;
  - 19% required vocational training;
  - 1% required an associate's degree;
  - 2% required a bachelor's degree or more.

For more information about these and other occupations in the Architecture and Construction Career Cluster, visit: [https://careerwise.minnstate.edu/careers/architecture.html](https://careerwise.minnstate.edu/careers/architecture.html) OR [https://www.onetonline.org/find/career?c=2](https://www.onetonline.org/find/career?c=2).
LOCAL TRAINING OPPORTUNITIES – CONSTRUCTION TRADES

CONSTRUCTION CAREER PATHWAYS (CCP) ALLIANCE  https://constructioncareers.org/
The Construction Careers Pathway (CCP) Alliance is part of a collaborative effort to provide year-round construction career exploration opportunities for Minnesota youth. It is the intent of the CCP Alliance to provide work-based learning exposure starting in middle school and concluding with a career in the Minnesota construction industry. In partnership, a number of programs are available including the MN Trades Academy and Kids at Work. Information relating to apprenticeship opportunities is also available.

CONSTRUCT TOMORROW  https://constructtomorrow.org/
Construct Tomorrow provides hands-on educational opportunities for high school youth in the building and construction trades throughout the state of Minnesota. Construct Tomorrow is a not-for-profit organization that offers a construction industry-driven program comprised of apprenticeship training coordinators, contractors, educators, government agencies and community representatives. The program offers resources for youth regarding apprenticeship training as a viable post-secondary option with earn-as-you-learn training and education. The goal of the program is to provide relevant information about apprenticeship career training and opportunities in the construction industry. Construct Tomorrow accomplishes this by:

- Hosting engaging and informative events that provide hands-on activities in the trades;
- Teaming up students with industry leaders and representatives from the various unions;
- Being inclusive in our efforts by hosting events statewide, in both rural and urban areas; and
- Providing follow-up services to those participants that express an interest in construction trades.

DAKOTA COUNTY TECHNICAL COLLEGE – CONSTRUCTION & MANUFACTURING PROGRAMS  http://www.dctc.edu/academics/programs-majors/construction-manufacturing/

PROGRAMS OF STUDY

- Architectural Technology
- Civil Engineering Technology
- Electrical Construction & Maintenance
- Energy Technical Specialist
- Industrial & Energy Plant Maintenance
- Welding Technology
- Brewing & Beer Steward Technology
- Construction Management
- Electrical Lineworker
- HVAC & Refrigeration Technology
- Interior Design

ADDITIONAL RESOURCES

American Institute of Architects Minnesota (AIA Minnesota) – www.aia-mn.org
Associated General Contractors of Minnesota – www.agcmn.org
National Association of Women in Construction – www.nawic.org
Minnesota Construction Association – www.mnconstruction.org

TRAITIFY IS LIVE!
The Dakota-Scott Workforce Development Board procured Traitify for use by residents of Dakota and Scott counties. Traitify is a visual personality assessment tool that recommends careers, jobs, and education based on personality and preference data. Users swipe through a short series of images, answering “Me” or “Not Me” to generate individualized results in about 90 seconds. Traitify results provide:

- A breakdown of how you stack up against Traitify’s seven core personality types.
- Information about the kinds of people and work environments that help you thrive.
- Potential work-related strengths and weaknesses.
- Personalized recommendations for careers aligned specifically with your unique set of traits.
- Essential details about each career recommendation — what level of education you need, what to expect in terms of salary, potential job growth and more.

It's accurate, fast, fun, and easy to take. The assessment is accessible on any mobile device, tablet, or desktop computer. Check it out by visiting https://www.co.dakota.mn.us/HealthFamily/FindJob/JobSearchResources/Pages/traitify.aspx.
PREPARE FOR THE FAIR
Fun, festive and deep-fried! In addition to the attractions and food, local fairs offer a wide range of job opportunities. Locations, positions, and age requirements vary. Check out the information below to learn more.

What: Dakota County Fair  
When: Aug. 6 – Aug. 12, 2018  
Where to apply: [http://www.dakotacountyfair.org/p/getinvolved/292](http://www.dakotacountyfair.org/p/getinvolved/292)  
Upcoming Job Fairs: July 10, 17, 24 and 31 in Ahlberg Hall (Fair Office) from 4-7pm

What: Scott County Fair  
When: July 25 – July 29, 2018  
Where to apply: [http://scottcountyfair.org/forms/employment-application/](http://scottcountyfair.org/forms/employment-application/)

What: Minnesota State Fair  
When: Aug. 23 – Sept. 3, 2018  
Where to apply: [https://www.mnstatefair.org/get-involved/employment/](https://www.mnstatefair.org/get-involved/employment/)

NOW HIRING! – JOB BOARDS

[www.minnesotaworks.net](http://www.minnesotaworks.net) – Minnesota’s largest free online job bank. Post your resume and search for jobs by matching keywords in your resume to keywords in job postings. You may also search by occupation/keyword or by location.

[www.snagajob.com](http://www.snagajob.com) – search thousands of hourly and part-time jobs by location/zip code.

[www.careerrookie.com](http://www.careerrookie.com) – look for internships, part-time and entry level careers.

NOW HIRING! – JOB POSTINGS

Valleyfair (Shakopee) is now accepting online applications for the 2018 operating season. A diverse range of job opportunities are available and associates are needed in all areas of park operation including Foods, Merchandise, Games, Admissions, Security, Maintenance, Entertainment, Marketing, Rides, Park Services, Human Resources, and Aquatics. Learn new skills, gain valuable experience, and build lifelong connections while working only minutes from the Twin Cities. Your best summer ever starts at Valleyfair! Apply online at [https://jobs.cedarfair.com/our-parks/valleyfair/](https://jobs.cedarfair.com/our-parks/valleyfair/).

Panera (multiple locations including Eagan, Burnsville, Apple Valley) is seeking to hire **Cooks, Cashiers** (must be 16 or older to apply), and **Delivery Drivers** (must be 18 or older to apply). To learn more or to apply, visit [https://jobs.panerabread.com/](https://jobs.panerabread.com/).

There are many cities within Dakota and Scott Counties that are currently accepting applications for summer employment. Age requirements and openings vary by location. For a list of current openings by city, visit [http://www.lmc.org/page/1/city-jobs.jsp](http://www.lmc.org/page/1/city-jobs.jsp) and/or [http://www.govtjobs.com/states/minnesota-government-jobs/](http://www.govtjobs.com/states/minnesota-government-jobs/).

UPS (Eagan) is accepting applications for the following part time and seasonal positions including:
- Part-time Package Handlers  
- Package Delivery Drivers  
- Tractor-Trailer Drivers

UPS provides an excellent employment opportunity for students through the UPS Earn & Learn Program. Student employees receive all the paid benefits of a great part-time job with UPS, plus outstanding education assistance of up to $5,250 per year with a maximum lifetime benefit of $25,000. This assistance can be used for tuition, books, and fees as long as you are attending an approved college, university, trade or technical school. You will be eligible for the Earn & Learn Program on your first day of work. To learn more about these and other career opportunities at UPS, visit [https://ups.managehr.com/Home.htm](https://ups.managehr.com/Home.htm).