

Career Outlook: Technology, Art, and Design

Technology, Art and Design Programs Available at Bemidji State University:

Majors: Applied Engineering, (B.A.S.); Engineering Technology, (B.S.)--Refer to separate Career Outlook for specific placement information, Project Management, (B.S.); Applied Management, (B.A.S.) --refer to separate Career Outlook for specific placement information Design, (B.S.)- Refer to separate Career Outlook for specific placement information.

Field of Emphasis: Graphic Design; Model Design; Exhibit Design; Studio Arts; Construction and Facility Management; Operations Management; Product Development

Minors: Design; Project Management, Engineering Technology, Studio Arts

Certifications: Lean Six Sigma, Technology Manager

Department Website: http://www.bemidjistate.edu/academics/departments/technology_art_design/

EMPLOYMENT AREAS AND PROJECTED DEMAND:

The "Occupational Outlook Handbook" (OOH) reports that industrial production managers held about 190,100 jobs in 2019. They are employed in all areas of manufacturing, splitting their time between the production line and an office. They typically need several years of related work experience in addition to the degree.

Construction managers held about 476,700 jobs nationwide in 2019. The areas that employed the most were specialty trade contractors, nonresidential/residential building construction, and heavy and civil engineering construction. Many construction managers are self-employed.

OOH reports that the nationwide demand for industrial engineering technicians is expected to have little to no change in growth through 2029, with people established in their career generally earning between \$35,850 and \$87,790 per year. The median pay for 2019 was \$56,550 per year. Industrial production managers with experience can earn between \$65,050 and \$176,070 with the median pay of \$105,480. The demand for construction managers is expected to be 8% (much faster than average) with the median wage of \$95,260.

The "Occupational Outlook Handbook" (OOH) reports that graphic designers held about 281,500 jobs in 2019. Most graphic designers worked in specialized design services; advertising, public relations, and related services; printing and related support activities; or newspaper, periodical, book, and directory publishers. Approximately 21% were self-employed. OOH reports that the nationwide demand for graphic designers/web art directors is expected to decline 4% through 2029, with people established in their career generally earning between \$30,810 and \$89,210 per year. The median pay for 2019 was \$52,110 per year.

PLACEMENT INFORMATION FOR TECHNOLOGY, ART AND DESIGN GRADUATES:

There are many career opportunities for Bemidji State University Technology, Art, and Design graduates. Of the 16 Bemidji State University 2018-2019 Applied Engineering B.A.S. graduates, 83.3% reported obtaining related employment within one year of graduation. The one Bemidji State University 2018-2019 Applied Management B.A.S. graduate, reported obtaining related employment within one year of graduation. Of the 17 Engineering Technology 2018-2019 B.S. graduates, 85.7% reported related employment. Of the 13 Project Management B.S. graduates, 100% reported related employment. Of the 16 Design graduates (B.S.), 84.6% reported obtaining related employment. This does not include students who were not seeking employment, furthering their education, unavailable, or had unknown status.

PARTIAL LIST OF EMPLOYERS WHO HAVE REPORTED HIRING BSU TECHNOLOGY, ART AND DESIGN GRADUATES: * **(This list only includes employment within one year of graduation.)**

3M	Engineering Design Manager	St. Paul, MN
Abbott	Senior Manufacturing Engineer	Minneapolis, MN
Acuity Brands Lighting	Senior Design Engineer	Winona, MN
Bobcat Company	Manufacturing Engineer	Bismarck, ND
Cyclops Ink	Tattoo Artist	Bemidji, MN
Design Ready Controls	Manufacturing Engineer Manager	Brooklyn Park, MN
Electric Power Door	Mechanical Engineer	Hibbing, MN
Electro-Matic, Inc.	Product and Process Engineer	Minneapolis, MN

PARTIAL LIST OF EMPLOYERS WHO HAVE REPORTED HIRING BSU TECHNOLOGY, ART AND DESIGN GRADUATES: * (This list only includes employment within one year of graduation.)

Freeman Company	Environmental Designer	St. Paul, MN
Graco, Inc.	Manufacturing Engineer	Minneapolis, MN
Industrial Louvers, Inc.	Design Engineer	Delano, MN
Marvin Windows	Product Design Technologist	Warroad, MN
Minnesota Power	CEMS Lead Administrator	Cohasset, MN
Nortech Systems Inc.	Manufacturing Engineer	Bemidji, MN
Rolling Forks Design Group	Design Engineer	Glenwood, MN
Sabic	Quality and Process Excellence	Riyadh, RY
Scheck Industries	Field Engineer	Rosemount, MN
SD Game, Fish & Parks	Lead Graphic Designer	Pierre, SD
Self Employed	Freelance Designer	Minneapolis, MN
Showdown Displays	Graphics Coordinator	Brooklyn Center, MN
Snell Motors	Marketing Coordinator	Mankato, MN
Steelhead Productions	Exhibit Designer	Las Vegas, NV
Target	Visual Merchandiser	Minneapolis, MN
Team Industries - Bagley	Project Engineer	Bagley, MN
Terra Construction	Field Engineer	Rogers, MN
The Design Factory, LLC	Graphic and Exhibit Designer	Las Vegas, NV
UPM/Blandin Paper Company	Mechanical Maintenance Team-Leader	Grand Rapids, MN
Wanzek Construction (X4)	Field Engineer	Fargo, ND
Wells Concrete	Quality Control Engineer	Denver, CO

COLLEGES AND UNIVERSITIES WHERE TECHNOLOGY, ART AND DESIGN GRADUATES HAVE GONE TO CONTINUE THEIR EDUCATION:

- Florida Atlantic University, Boca Raton, FL
- Northern Arizona University, Flagstaff, AZ
- University of Minnesota Twin Cities, Minneapolis, MN
- University of North Dakota, Grand Forks, ND

*Degrees alone do not get students jobs. Internships, summer jobs, volunteer work, part-time jobs, work-study positions, and active participation in student organizations on campus are all ways to become more competitive in a tight job market.

Bibliography:

- [Annual Graduate Follow-Up Study 2018-2019](#). Bemidji State University, Bemidji, MN (2021)
- [Bemidji State University Undergraduate Catalog 2020-2021](#). Bemidji State University, Bemidji, MN (2021)
- [Occupational Outlook Handbook](#). U.S. Dept. of Labor, JIST Publishing Inc., Indianapolis, IN (2020)

For more information, contact Career Services; Decker Hall/218-755-2038/career@bemidjistate.edu

For more job listings please visit:



<https://www.bemidjistate.edu/services/career/events-guides-resources/job-listings/>



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BEMIDJI STATE UNIVERSITY | 2018 - 2019

GRAD STATS

FROM STUDENTS SURVEYED ONE YEAR POST-GRADUATION

CONNECTING STUDENTS TO CAREERS

TOP EMPLOYERS

1. SANFORD HEALTH
2. BEMIDJI AREA SCHOOLS
3. ESSENTIA HEALTH
4. LEECH LAKE BAND OF OJIBWE
5. SCHOOLCRAFT LEARNING COMMUNITY
6. ATHLOS LEADERSHIP ACADEMY
7. CLIFTONLARSONALLEN
8. NORTH HOMES CHILDREN & FAMILY SERVICES
9. RED LAKE SCHOOL DISTRICT
10. ALTRU HEALTH SYSTEM
11. BEMIDJI MIDDLE SCHOOL
12. FAIRVIEW HEALTH SERVICES
13. MAYO CLINIC
14. PARK RAPIDS AREA SCHOOLS
15. WANZEK CONSTRUCTION

87.7% OF

1,191

TOTAL GRADUATE AWARDS WHO RESPONDED

*95.4%

EMPLOYED WITHIN ONE YEAR OF GRADUATION

*89.7%

EMPLOYED IN A RELATED FIELD WITHIN ONE YEAR OF GRADUATION

15.8%

ARE CONTINUING THEIR EDUCATION



CAREER SERVICES

CAREER SERVICES | 218.755.2038 | CAREER@BEMIDJISTATE.EDU

*DOES NOT INCLUDE NOT SEEKING, CONTINUING EDUCATION, UNAVAILABLE FOR EMPLOYMENT, AND STATUS UNKNOWN. * THIS DOCUMENT IS AVAILABLE IN ALTERNATIVE FORMATS. PLEASE CONTACT ACCESSIBILITY SERVICES OFFICE (DECKER 202) AT (218) 755-3883, OR E-MAIL ACCESSIBILITY@BEMIDJISTATE.EDU. IF AN INTERPRETER IS NEEDED, TWO WEEKS NOTICE IS REQUESTED. ALSO AVAILABLE THROUGH THE MINNESOTA RELAY SERVICE AT 1-800-327-3529.