

# 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; Art: New Studio Practice (B.F.A); Technology, Art and Design (B.S.) —Refer to separate Design Career Outlook for specific placement information.

**Minors:** Art, Design, Event Design, Engineering Technology, Event Planning, Interactive Multimedia Design, Technology, Art & Design, Maker Space Technology, Project Management

**Emphases:** 3-D Arts; Illustration; Exhibit & Experience; Event Planning & Project Management; Creativity & Innovation; Prototype Engineering & Model Making; Interactive Multimedia Design; Graphic Design; Digital Illustration & Animation; Product Development; Operations Management; Construction and Facility Management

**Certificates:** Multiple offerings—refer to Catalog

**Department Website:** <https://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 203,800 jobs in 2021. 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 478,500 jobs nationwide in 2021. 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. The demand for construction managers is expected to be 8% (faster than average) with the median wage of \$98,890.

OOH reports that the nationwide demand for industrial engineering technicians is expected to have slower than average change in growth through 2031, with people established in their career generally earning between \$37,790 and \$85,530 per year. The median pay for 2021 was \$60,220 per year. Industrial production managers with experience can earn between \$64,150 and \$170,470 with the median pay of \$103,150.

OOH reports that graphic designers held about 265,000 jobs in 2021. 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 19% were self-employed. OOH reports that the nationwide demand for graphic designers/web art directors is expected to grow 3% through 2031, with people established in their career generally earning between \$31,310 and \$98,260 per year. The median pay for 2021 was \$50,710 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 25 Bemidji State University 2020-2021 Applied Engineering B.A.S. graduates, 90.9% reported obtaining related employment within one year of graduation. The one Bemidji State University 2020-2021 Applied Management B.A.S. graduate, reported obtaining related employment within one year of graduation. Of the 6 Engineering Technology 2020-2021 B.S. graduates, 100% reported related employment. Of the 23 Project Management B.S. graduates, 95.2% reported related employment. Of the 23 Design graduates (B.S.), 70.6% 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.)**

Advocates of the Bemidji Area	Graphic Designer	Bemidji, MN
AGCO Corporation	Quality Engineer New Product Introduction	Jackson, MN
Barker Contracting, Inc.	Assistant Project Manager	Tucson, AZ
BIX Produce Co.	Sr. Maintenance Mechanic	St. Paul, MN
Blue 84	Production Artist	Detroit Lakes, MN
Bowman Tool	Machinist	Rochester, MN
CFS Interiors & Flooring	Project Coordinator	Eagan, MN

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**(This list only includes employment within one year of graduation.)**

CK Farms	Agricultural Engineer	Vesta, MN
Clifty Group, LLC	Construction Project Coordinator	Bemidji, MN
Continental Clay Company	Retail Salesperson	Minneapolis, MN
Electrical Builders Inc	Weld Fabrication Manager	St. Cloud, MN
Element Materials Technology	Test Engineer	Minneapolis, MN
FCA	Robotics Engineer	Detroit, MI
General Dynamics Mission Systems	Senior Manufacturing Engineer	Bloomington, MN
GN Group	Graphic Designer	Minneapolis, MN
Hamilton	Junior Designer	Indianapolis, IN
Heraeus Medical Components	Continuous Improvement Engineer	St. Paul, MN
Hormel Foods	Maintenance Engineer	Dubuque, IA
Interstate Improvement	Assistant Project Manager	Faribault, MN
Lakeshirts	Graphic Production Artist	Detroit Lakes, MN
LaValley Industries	Production Engineer	Bemidji, MN
LaValley Industries	Design Engineer	Bemidji, MN
Making Web, LLC	Graphic Designer	Anoka, MN
Mark Kuechenmeister Construction LLC	Construction Carpenter	Bemidji, MN
Peterson Sheet Metal	Project Estimator	Bemidji, MN
PMT Corporation	Engineering Technician	Chanhassen, MN
Progressive Builders	Construction Superintendent	Big Lake, MN
Reliance Machining	Assistant Facilities Manager	Coon Rapids, MN
Robert Thomas Homes	Assistant Project Manager	Lakeville, MN
Schlumberger Technology Corporation	Production Planner	Houma, LA
Snyder and Associates Inc.	Graphic Designer	Ankeny, IA
TE Connectivity	R & D Product Development Engineer I	Plymouth, MN
Team Industries - Bagley	Mechanical Drafter	Bagley, MN
Tesla	Data Annotation Specialist	Buffalo, NY
The Goodyear Tire & Rubber Company	QA Analyst, Extrusion Process Engineer	Danville, VA

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

Bemidji State University, Bemidji, MN  
 Colorado State University, Greenwood Village, CO

St. Cloud State University, St. Cloud, MN  
 Tennessee College of Applied Technology, Memphis, TN

\*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 2020-2021](#). Bemidji State University, Bemidji, MN (2023)  
[Bemidji State University Undergraduate Catalog 2022-2023](#). Bemidji State University, Bemidji, MN (2023)  
[Occupational Outlook Handbook](#). U.S. Dept. of Labor, JIST Publishing Inc., Indianapolis, IN (2022)

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

**For more job listings please visit:**

***Handshake***

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



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