

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 186,500 jobs in 2018. 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 471,800 jobs nationwide in 2018. The areas that employed the most were specialty trade contractors, nonresidential/residential building construction, and heavy and civil engineering construction.

OOH reports that the nationwide demand for industrial engineering technicians is expected to have little to no change in growth through 2028, with people established in their career generally earning between \$34,920 and \$88,340 per year. The median pay for 2018 was \$55,460 per year. Industrial production managers with experience can earn between \$63,470 and \$172,150 with the median pay of \$103,380. The demand for construction managers is expected to be 10% (faster than average) with the median wage of \$93,370.

The "Occupational Outlook Handbook" (OOH) reports that graphic designers held about 290,100 jobs in 2018. 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 22% were self-employed. OOH reports that the nationwide demand for graphic designers/web art directors is expected to grow 3% through 2028, with people established in their career generally earning between \$29,610 and \$85,760 per year. The median pay for 2018 was \$50,370 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 20 Bemidji State University 2017-2018 Applied Engineering B.A.S. graduates, 92.3% reported obtaining related employment within one year of graduation. Of the 6 Bemidji State University 2017-2018 Applied Management B.A.S. graduates, 100% reported obtaining related employment within one year of graduation. Of the 25 Engineering Technology 2017-2018 B.S. graduates, 95.2% reported related employment. Of the 9 Project Management B.S. graduates, 85.7% reported related employment. Of the 15 Design graduates (B.S.), 90.9% reported obtaining related employment. This does not include students who were not seeking employment, furthering their education, unavailable, or had unknown status.

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

ANI Pharmaceuticals	Quality Assurance Specialist 1	Baudette, MN
Advanced Process Technologies, Inc.	Controls Engineer	Cokato, MN
Bemidji Sports Centre	Mechanic	Bemidji, MN
BJ Baas Builders	Estimator/Assistant Project	Cambridge, MN
Blattner Energy	Field Construction Coordinator	Bemidji, MN
Boston Scientific	Process Development Engineer	Maple Grove, MN
Bradbury Stamm Construction	Project Engineer	St. Cloud, MN
BrandSafway	Construction Carpenter	Duluth, MN
CDI Curbs	Continuous Improvement Manager	Elk River, MN
Coldspring Granite	Mechanical Design Drafter	Cold Spring, MN
Condux International	Design Engineer	Mankato, MN

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

E4 Design	Designer	Norcross, GA
Elkay Wood Products	Associate Product Engineer	Waconia, MN
Exhibit Partners, LLC	3D Design Intern	Maple Grove, MN
Exhibit Partners, LLC	Jr. Exhibit Designer	Maple, Grove, MN
Fagen, Inc.	Procurement Manager	Granite Falls, MN
GSK	Facilities Engineering Supervisor	Mississauga, ON
Hill & Partners Branded Environments	Exhibit Designer	Weymouth, MA
Hoffman Construction	Project Engineer	Black River Falls, WI
Impact XM	Associate Creative Director	Dayton, NJ
Lake Country Power	Electrical Engineering Technician	Grand Rapids, MN
Lamb Weston	Production Supervisor	Park Rapids, MN
Lifetouch National School Studios	Graphic Designer	Eden Prairie, MN
LISI Medical	Quality Engineer	Big Lake, MN
Marvin Windows and Doors	Electrical Engineer	Warroad, MN
Mastec North America, Inc.	Field Project Administration	Shevlin, MN
Medtronic	Sr. Manufacturing Supervisor	Brooklyn Center, MN
Minnesota Cereal Processors, Inc.	Assistant Plant Manager	Dundas, MN
Mistras	Operations Manager	Princeton Junction, NJ
Newell Brands	Model Maker	Kalamazoo, MI
Nortech Systems	Manufacturing Technician	Bemidji, MN
Pure Fishing	Manufacturing Engineer	Spirit Lake, IA
Rapids Printing	Graphic Designer	Grand Rapids, MN
SWM International	Extrusion Operator	Minneapolis, MN
Shirhub	Digital Garment Production	Burnsville, MN
Team Industries	Commodity Manager	Bagley, MN
Team Industries	Quality Engineer	Bagley, MN
Textron Specialized Vehicles	Technical Service Writer	Thief River Falls, MN
Wanzek Construction, Inc.	Field Engineer (x5)	Fargo, ND
Welsh Construction	Project Manager	Shoreview, MN
White Earth Tribal Council	Project Coordinator	Waubun, MN

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

- Bemidji State University, Bemidji, MN
- Florida Institute of Technology, Melbourne, FL
- Strayer University, Washington, DC
- University of Minnesota Duluth, Duluth, MN

*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 2017-2018](#). Bemidji State University, Bemidji, MN (2020)
- [Bemidji State University Undergraduate Catalog 2019-2020](#). Bemidji State University, Bemidji, MN (2020)
- [Occupational Outlook Handbook](#). U.S. Dept. of Labor, JIST Publishing Inc., Indianapolis, IN (2019)

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/>