

Career Outlook 2019: Technology, Art, and Design

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

Majors: Applied Engineering, (BAS); Engineering Technology, (BS); Project Management, (BS); Applied Management, (BAS); Design, (BS)- 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 170,600 jobs in 2016. The areas that employed the most were specialty trade contractors, nonresidential/residential building construction, and heavy and civil engineering construction. Construction managers held about 403,800 jobs nationwide in 2016.

OOH reports that the nationwide demand for industrial engineering technicians is expected little to no change in growth through 2026, with people established in their career generally earning between \$61,360 and \$168,780 per year. The median pay for 2017 was \$100,580 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 Bemidji State University 2016-2017 Applied Engineering B.A.S. graduates, 91.7% reported obtaining related employment within one year of graduation. Of the Bemidji State University 2016-2017 Applied Management B.A.S. graduates, 50% reported obtaining related employment within one year of graduation. Engineering Technology B.S. graduates in 2016-2017 reported 88.9% placement. Project Management B.S. graduates reported 100% 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.)

3D Systems Corporation	Software Product Manager	Boston, MA
3M	Resident Project Engineer	Hutchinson, MN
BCI Concrete	Construction Estimator	Backus, MN
Best Buy	Mechanical Engineer	Richfield, MN
Blattner Energy Inc.	Field Construction Coordinator	Avon, MN
Blattner Energy	Field Engineer	Avon, MN
Caterpillar, Inc.	Manufacturing Engineer	Minneapolis, MN
Charps Welding & Fabricating	Project Manager	Clearbrook, MN
Cirrus Aircraft	Industrial Engineer	Duluth, MN
Cliffs Natural Resources	Crusher Operations	Hoyt Lakes, MN
Corner Sports	Sales	Bemidji, MN
DeZURIK, Inc.	Continuation Engineer	Sartell, MN
DeZURIK, Inc.	Quality Engineer	Sartell, MN
EAPC Architects Engineers	Electrical CAD Specialist	Bemidji, MN
Fagen Inc.	Document Control	Granite Falls, MN
Federal Food and Drug Administration	Consumer Safety Technician	Minneapolis, MN
Knife River Materials	Estimator Project Manager	Bemidji, MN
Kraus-Anderson	Project Engineer	Bemidji, MN
Lake Superior Consulting LLC	Mechanical CAD Technician	Duluth, MN
Marvin Windows	Mechanical Designer	Warroad, MN

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

Mastec North America, Inc.	Project Coordinator	Shevlin, MN
Meadowland Surveying	Field Crew Technician	Detroit Lakes, MN
Minnesota Power	Operator	Grand Rapids, MN
Motiva Enterprises LLC	Production Team Lead	Beaumont, TX
Northland Community & Technical College	Instructor	Thief River Falls, MN
Porter Wood Products	Machine Operator	Laporte, MN
Red Lake Builders, Inc.	Project Manager	Red Lake, MN
Rocky Mountain Prestress	Quality Inspector	Denver, CO
Sargento Foods, Inc.	Operations Development Supervisor	Sheboygan, WI
State of Minnesota	Research Analyst Specialist	Grand Rapids, MN
Structure Medical Inc.	CNC Machinist	Naples, FL
Team Industries - Bagley	Project Manager	Bagley, MN
Team Industries - Bagley	Project Manager	Bagley, MN
Trane	Quality Engineer	La Crosse, WI
Turck, Inc.	PCB Design Engineer	Plymouth, MN
US Navy	Master EOD Technician	Virginia Beach, VA
Vascular Solutions	Manufacturing Engineer	Minneapolis, MN
Vista Outdoor	Continuous Improvement	Anoka, MN
VSI Construction	Job Superintendent	Maple Grove, MN
Wanzek Construction	Field Engineer	West Fargo, ND

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

- Bemidji State University, Bemidji, MN
- Western Governors University, Salt Lake City, UT
- University Of Wisconsin, Stout, Menomonie, WI
- University of MN, 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 2016-2017](#). Bemidji State University, Bemidji, MN (2019)
- [Bemidji State University Undergraduate Catalog 2018-2019](#). Bemidji State University, Bemidji, MN (2018)
- [Occupational Outlook Handbook](#). U.S. Dept. of Labor, JIST Publishing Inc., Indianapolis, IN (2018)

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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