

Career Outlook: Engineering Technology and Applied Engineering

Engineering Technology and Applied Engineering Programs Available through the Technology, Art and Design Program:

Majors: Applied Engineering, (B.A.S.); Engineering Technology, (B.S)

Minors: Engineering Technology, Project Management, Technology, Art & Design

Certifications: Lean Six Sigma; Technology Manager

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.

OOH reports that the nationwide demand for industrial engineering technicians is expected to have slower than average 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 a median pay of \$103,150.

PLACEMENT INFORMATION FOR APPLIED ENGINEERING AND ENGINEERING TECHNOLOGY 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. Of the 6 Engineering Technology 2020-2021 B.S. graduates, 100% reported 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 APPLIED ENGINEERING AND ENGINEERING TECHNOLOGY GRADUATES: (This list only includes employment within one year of graduation.)

AGCO Corporation	Quality Engineer New Product Introduction	Jackson, MN
BIX Produce Co.	Sr. Maintenance Mechanic	St. Paul, MN
Bowman Tool	Machinist	Rochester, MN
CK Farms	Agricultural Engineer	Vesta, MN
Electrical Builders Inc	Weld Fabrication Manager	St. Cloud, MN
Fiat Chrysler America	Robotics Engineer	Detroit, MI
Friesen's Inc.	Applications Engineer	Detroit Lakes, MN
Hormel Foods	Maintenance Engineer	Dubuque, IA
LaValley Industries	Design Engineer	Bemidji, MN
Loll Designs	Manufacturing Engineer	Duluth, MN
PMT Corporation	Engineering Technician	Chanhassen, MN
Schlumberger Technology Corporation	Production Planner	Houma, LA
TE Connectivity	R & D Product Development Engineer I	Plymouth, MN

COLLEGES AND UNIVERSITIES WHERE APPLIED ENGINEERING AND ENGINEERING TECHNOLOGY GRADUATES HAVE GONE TO CONTINUE THEIR EDUCATION:

Bemidji State University, Bemidji, MN

St. Cloud State University, St. Cloud, MN

Colorado State University-Global Campus, Greenwood Village, CO

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/student-resources/events-guides-resources/job-listings/>



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