The Technology Management Program focuses on developing a student’s technical management skills. In addition to foundational studies coursework, a student in this degree will take courses such as:

- Engineering Problem Solving and Case Studies
- Quality Assurance
- Project Management
- Production Planning and Control
- Industrial Design and Innovation
- Other (i.e. Sustainability, 3D Parametric Modeling)

The program is ideal for students who wish to transfer from a Technical College and obtain a four year degree in Technology Management. Students in this program may transfer 26 credit hours of technical core from AS, AAS, Diploma, or Certificate. The program is available on campus or entirely through on-line delivery format.

**Career Opportunities**

The Technology Management program is designed to prepare individuals to pursue a variety of technology-related management career paths in business and industry. Program graduates will be prepared for opportunities in manufacturing, quality control, product development, project management, innovation management, robotics, production planning, construction, sales and a variety of other employment areas.

For more information email Dr. Mahmoud Al-Odeh at malodeh@bemidjistate.edu or by phone at 218.755.4223.

Note: Transfer students must take a minimum of 30 semester credits from Bemidji State University. Forty (40) upper division semester credits are also required for graduation.
I. Required Technical Core - 26 Credits
Requires 26 technical credits transferred from an A.S. or A.A.S. degree, diploma, or certificate (e.g., Manufacturing Technology, Automation Technology), or 26 technical credits from the Department of Technology, Art & Design course offerings with help of TADT advisor.  
On-Campus (Non-Transfer) Option
- TADT 1210 Material and Processes Forming (3 credits)
- TADT 1220 Material and Processes Separating (3 credits)
- TADT 1315 Energy and Power Technology (3 credits)
- TADT 1350 Electrical/Electronics Technology (3 credits)
- TADT 1460 Technical Graphics (3 credits)
- TADT 2250 Construction Technology (3 credits)
- TADT 2370 Automation Technology (3 credits)
Select an additional 5 technical credits with help of TADT advisor.

II. Required Professional Core - 30 Credits
- TADT 3100 Principles and Practices of Professional Development (2 credits)
- TADT 3267 Engineering Economics and Cost Analysis (4 credits)
- TADT 3885 Technical Sales, Training and Development (4 credits)
- TADT 4385 Sustainability and Emerging Technologies (4 credits)
- TADT 4537 Industrial Design/Innovation (4 credits)
- TADT 4875 Facilities Management (4 credits)
- TADT 4878 Quality Assurance (4 credits)
- TADT 4897 Project Management (4 credits)

III. Technology Management Electives - 10 Credits
Select 10 credits from the following with assistance from a faculty advisor:
- BUAD 3281 Decision Support Systems (3 credits) **
- BUAD 3361 Marketing (3 credits) **
- BUAD 3381 Management Information Systems (3 credits) **
- BUAD 4469 Small Business Case Analysis (3 credits) **
- TADT 3260 Project Bidding and Estimating (4 credits)
- TADT 3700 Production Planning and Control (4 credits)
- TADT 3877 Engineering Problem Solving (3 credits)
- TADT 3878 Industrial/Engineering Production Studies (4 credits)
- TADT 4778 Advanced Topics in Quality (4 credits)
- TADT 4970 Internship (1-2 credits)
** require prerequisites, or junior status and consent of instructor

Total Semester Credits Required for Major 66 Credits

Bachelor of Applied Science Degree Summary
- Required Technical Core (26 credits)
- Required Technology Management Core (30 credits)**
- Technology Management Electives (10 credits)**
- Liberal Education (42 credits)
- Free Electives (12 credits)
- Total Degree (120 credits)

***Technology Management Core credits (30) plus Technology Management Electives credits (10) equals 40 upper division credit requirement. 30 minimum credits required for BSU residency.

Note: Upon approval of the Technology, Art & Design faculty, certain major courses may be substituted in the Technology Management Technology Core and/or Technology Management Electives from related Technical and Community College Programs.

*Program coursework is subject to approval of the Bemidji State University curriculum process.