Wall Street mandates that businesses run as efficiently as possible. They are looking for skilled, motivated, driven Operations Managers to efficiently lead industry into the next millennium. If you’re ready to make your mark in industry, you’ll need a degree in Operations Management.

**A Top Paying Jobs in the U.S.** U.S. New and World Report ranks Operations Management as one of the 10 Best Business Jobs in the U.S. The income earned ranks this career path as “one of the highest-paying occupations in the U.S.” According to the U.S. Department of Labor, these professionals earned a median of $119,460 in 2015, with the highest-paid 25 percent earning more than $152,270 per year.

**Operations Managers Needed:** 10,000 Baby Boomers reach retirement each day. Many of these boomers are managers who will be stepping down. This has created a huge management void in industry. Industry estimates we will need an additional 147,000 Top Executives in the next decade. Are you ready to step into one of these positions? Prepare yourself today by earning a degree in Operations Management.

**Industry Certification Available:** Students completing a degree in Operations Management are prepared to take the industry recognized ATMAE Certified Technology Manager (CTM) exam. This certification says to industry that our Operations Management graduates:

- Have achieved a nationally recognized standard of excellence.
- Go above and beyond the minimum expectations.
- Are committed to the profession.
- Have a skill set that allows new hires to add value on day one.
- Strive to stand out as the best

**For more information, contact:**
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Malodeh@bemidjistate.edu
(218) 755-4223
# Project Management

## Operations Management

### Bachelor of Science

**I. TADT Common Core - 18 Credits**
- TADT 1111 Introduction to Project Management (3 credits)
- TADT 3267 Economic and Cost Analysis (3 credits)
- TADT 3970 Internship (1 credit)
- TADT 4385 Sustainability & Emerging Technologies (3 credits)
- TADT 4873 Emphasis Related Capstone (3 credits)
- TADT 4878 Quality Assurance (3 credits)
- TADT 4970 Internship (2 credits)

**II. Project Management Core - 27 Credits**
- ACCT 1101 Principles of Accounting I (3 credits)
- BUAD 2220 Legal Environment (3 credits)
- BUAD 2280 Computer Business Applications (3 credits)
- TADT 1460 2D Graphics And Laser Etching (3 credits)
- TADT 2877 Engineering Problem Solving (3 credits)
- TADT 3112 Leadership in a Team Environment (3 credits)
- TADT 3885 Technical Sales, Service and Training (3 credits)
- TADT 4875 Facilities Management (3 credits)
- TADT 4893 Applied Project Management (3 credits)

**III. Select One of Three Emphases:**

#### Construction and Facility Management - 27 Credits
- BUAD 3677 Principles of Real Estate (3 credits)
- TADT 1210 Introduction to Manufacturing Processes I (3 credits)
- TADT 1220 Introduction to Manufacturing Processes II (3 credits)
- TADT 2250 Built Environment (3 credits)
- TADT 2252 Construction Materials and Methods (3 credits)
- TADT 3250 Print Reading and Project Documentation (3 credits)
- TADT 3260 Project Bidding and Estimating (3 credits)
- TADT 3887 Safety and Risk Management (3 credits)
- TADT 4259 Construction Management (3 credits)

#### Product Development - 27 Credits
- TADT 1210 Introduction to Manufacturing Processes I (3 credits)
- TADT 1220 Introduction to Manufacturing Processes II (3 credits)
- TADT 1450 Introduction to Product Development (3 credits)
- TADT 2450 Product Finishing & Aesthetics (3 credits)
- TADT 2461 Parametric 3D Modeling (3 credits)
- TADT 3462 Computer Controlled Machining (3 credits)
- TADT 3470 Concept to Prototype Model (3 credits)
- TADT 3537 Industrial Design/Innovation (3 credits)
- TADT 4589 Advanced Prototype Project (3 credits)

#### Operations Management - 27 Credits
- TADT 1210 Introduction to Manufacturing Processes I (3 credits)
- TADT 1220 Introduction to Manufacturing Processes II (3 credits)
- TADT 2461 Parametric 3D Modeling (3 credits)
- TADT 3100 Principles of Professional Development (3 credits)
- TADT 3700 Operations Planning and Control (3 credits)
- TADT 3887 Safety and Risk Management (3 credits)
- TADT 4867 Lean Principles and Practices (3 credits)
- TADT 4879 Service Process/Improvement (3 credits)
- TADT 4880 Total Quality Management (3 credits)

### Career Paths and Income

- **Operations Manager** // $119,460
- **Industrial Production Manager** // $93,940
- **Process Improvement Manager** // $79,000
- **Manufacturing Manager** // $82,000
- **Purchasing Agent** // $59,620

(Median Income, www.payscale.com or U.S. Dept. of Labor)

### High School Course Recommendations

- All Advanced Placement Classes
- Project Lead the Way
- Management Classes
- Leadership Classes
- Industrial Technology

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**BEMIDJI STATE UNIVERSITY**

A member of the Minnesota State Colleges and Universities system, Bemidji State University is an equal opportunity educator and employer.