Build Your Future: Through Bemidji State University's School of Technology, Art and Design, future Construction Managers and Facility Managers gain the knowledge needed to excel in these rapidly growing fields. Guided by professors with extensive industry experience, you will help shape the landscape of our great country.

Construction Managers Needed: As construction activity increases during the next decade, industry will need more than 17,000 new Construction Managers.

Wanted, Bachelor’s Degree: Construction Managers and Facility Managers used to work their way up through the ranks learning along the way. Things have changed. Extremely complex plans, diverse materials, advanced technologies, and new procedures require today's Construction Managers and Facility Managers to be highly educated. Already more than 40% of Construction Managers have bachelor’s degrees. Secure your place in the future and join industry leaders by earning a Degree in Project Management with a Construction and Facilities Management Emphasis.

Hand’s-On Learning: Unlike most universities, where you sit in classrooms and listen to theoretical lectures, BSU students in Construction and Facility Management learn through a hands-on, project-based approach. Whether they are managing the construction of a Fossil-Fuel-Free Fish House, a Tiny House, or a variety of other projects, students spend an extensive amount of time in the department’s thirteen Technology and Design labs. These labs provide you the latest in construction technology right at your fingertips.

One Degree, Three Emphases: Students coming into the Construction and Facility Management emphasis of Project Management take the same core courses as students in the Operations Management and Product Development emphasis. So, if you decide you want to add another area of emphasis, or possibly switch areas, program flexibility makes this easier than ever. You decide the emphasis, we’ll help you get there!

For more information, contact:
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Project Management

Construction & Facility 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 Median Income
Construction Management // $87,400
Manufacturing Sales Representative // $60,620
Manufacturing Analyst // $81,320
Construction Project Manager // $73,000
Project Supervisor // $62,000

High School Course Recommendations
• All Advanced Placement Courses
• Shop Classes
• Project Lead the Way Classes
• Physics Classes
• Management Classes
• Leadership Classes

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