# Project Management, B.S. *major*
# Operations Management Emphasis

The Project Management degree prepares graduates for planning and managing resources under the constraints of scope, cost and time to successfully achieve a specific, unique objective. This program addresses the tools, skills and knowledge necessary to initiate, plan, implement and evaluate projects to deliver solutions. Program disciplines include: safety and risk management, leadership, quality assurance, technical sales, training, sustainability, engineering economics and cost analysis. Project Management majors have the option to select from three distinct technology related emphases: Construction Management, Facility Management or Operations Management.

Required Credits: 78
Required GPA: 2.25

**I REQUIRED TECHNICAL CORE COURSES**

SELECT 22 SEMESTER CREDITS FROM THE FOLLOWING COURSES:

- TADT 1227 Fabricating Fundamentals (3 credits)
- TADT 1315 Energy and Power Technology (3 credits)
- TADT 1350 Electrical/Electronic Technology (3 credits)
- TADT 1460 2D Graphics And Laser Etching (3 credits)
- TADT 2370 Automation Technology (3 credits)
- TADT 3460 3D Parametric Modeling and Printing (4 credits)
- TADT 4537 Industrial Design/Innovation (4 credits)
- TADT 4778 Advanced Topics in Technology (4 credits)

22 Application/Technical Core credits may be transferred into this section from other institutions with approval of advisor.

**II REQUIRED PROFESSIONAL CORE COURSES**

COMPLETE THE FOLLOWING COURSES:

- TADT 1110 Introduction to Project Management (4 credits)
- TADT 3267 Engineering Economic and Cost Analysis (4 credits)
- TADT 3877 Engineering Problem Solving (4 credits)
- TADT 3885 Technical Sales, Service and Training (4 credits)
- TADT 3887 Safety and Risk Management (4 credits)
- TADT 4385 Sustainability and Emerging Technologies (4 credits)
- TADT 4812 Leadership Mentoring (1 credit)
- TADT 4820 Engineering Case Study (3 credits)
- TADT 4867 Lean Principles and Practices (4 credits)
- TADT 4878 Quality Assurance (4 credits)
- TADT 4897 Project Management (4 credits)

**OPERATIONS MANAGEMENT EMPHASIS**

COMPLETE THE FOLLOWING COURSES:

- TADT 3700 Production Planning and Control (4 credits)
- TADT 3878 Industrial/Engineering Production Studies (4 credits)
- TADT 4873 Emphasis Related Capstone (4 credits)
- TADT 4879 Service Process Design and Improvement (4 credits)