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 and Facility Management, product Development or Operations Management. Technical credits may be transferred in with the help of an advisor.

Required Credits: 72
Required GPA: 2.25

I TADT COMMON CORE

COMPLETE THE FOLLOWING COURSES:

- TADT 1111 Introduction to Project Management (3 credits)
- TADT 3267 Economic and Cost Analysis (3 credits)
- TADT 4385 Sustainability and Emerging Technologies (3 credits)
- TADT 4873 Emphasis Related Capstone (3 credits)
- TADT 4878 Quality Assurance (3 credits)

COMPLETE THE FOLLOWING COURSE FOR 1 CREDIT:

- TADT 3970 Internship (1-3 credits)

COMPLETE THE FOLLOWING COURSE FOR 2 CREDITS:

- TADT 4970 Internship (1-12 credits)

II PROJECT MANAGEMENT CORE COURSES

COMPLETE THE FOLLOWING COURSES:

- BUAD 2220 Legal Environment (3 credits)
- TADT 1109 Computer Applications for Project Managers (3 credits)
- TADT 1460 2D Graphics And Laser Etching (3 credits)
- TADT 2211 Introduction to Cost Management (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)

OPERATIONS MANAGEMENT EMPHASIS

COMPLETE THE FOLLOWING COURSES:

- 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)

Program Learning Outcomes | Project Management, B.S.

1. Readiness for Career: Students will apply resource management skills to address real world problems.

2. Higher Order Thinking: Students will analyze, design, and implement solutions to current industry needs.

3. Communication & Leadership: Students will demonstrate professional communication skills, ethical behavior, and effective team participation.

4. Knowledge, Values, & Abilities: Students will employ value-added skills in real world applications that reflect the needs of industry.

SUGGESTED SEMESTER SCHEDULE PROJECT MANAGEMENT, B.S. OPERATIONS MANAGEMENT EMPHASIS

Freshman

- TADT1109
- TADT1111
- TADT1460
- TADT1210
- TADT1220
- TADT2211
- Liberal Education Requirements

Sophomore

- BUAD2220
- TADT2461
- TADT2877
- Liberal Education Requirements

Junior

- TADT3100
- TADT3112
- TADT3267
- TADT3700
- TADT3885
- TADT3887
- Elective 01
- Elective 02
- Liberal Education Requirements

Senior

- TADT4385
- TADT4867
- TADT4873
- TADT4875
- TADT4878
- TADT4879
- TADT4880
- TADT4893