# Curriculum Proposal

**TADT 19-20 #24**

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**New Course**

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<td>1.3 TADT 1109 Computer Applications for Project Managers (3 credits)</td>
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<td>1.12 TADT 2211 Introduction to Economics and Cost Analysis (3 credits)</td>
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**Program Modifications**

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<tr>
<td>1.21 Applied Management, B.A.S. major</td>
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<td>1.26 Project Management, B.S. major Construction and Facility Management Emphasis</td>
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<td>1.26 Project Management, B.S. major Product Development Emphasis</td>
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BSU Curriculum Forms

Form 1

Curriculum Modification Summary

College: Arts, Education, and Humanities  
Department: School of Technology, Art and Design  
Proposer: Tim Brockman, PhD; Mahmoud Al-Odeh, PhD  
Proposer’s position: Professor of TAD, Associate Professor of TAD

Describe the modification(s) you propose, and how it (/they) will work to students' advantage. (This description and explanation will be included in Curriculum Report packets forwarded to the Faculty Senate.):

Applied Management, B.A.S. major:  
The current B.A.S. Applied Management requires students to take ACCT 1101 Principles of Accounting I (3 credits) in the Applied Management foundation. The department received recommendation from our advisory board and program graduates in industry to create our own courses by addressing software and skillset that better serve our students and our ATMAE accreditations standards.  

TADT faculty is proposing the following:

1- Drop ACCT 2101 Principles of Accounting I (3 credits) from the B.A.S. Applied Management  
2- Add TADT 2211 Introduction to Economics and Cost Analysis (3 credits) to the B.A.S. Applied Management.

The changes in the degree will better prepare the Applied Management graduates for employment opportunities. It also will help in reducing the time-to-graduate through transferring more credits. In addition, these changes will improve the employability rate for the AM graduates.

Project Management, B.S. major:  
The current Project Management, B.S. major requires students to take ACCT 2101 Principles of Accounting I (3 credits) and BUAD 2280 Computer Business Applications (3 credits) in the Project Management Core. The department received recommendation from our advisory board and program graduates in industry to create our own courses by addressing software and skillset that better serve our students and our ATMAE accreditations standards.

The TADT faculty is proposing the following:
1- Drop ACCT 2101 Principles of Accounting I (3 credits) from Project Management, B.S. major.
2- Drop BUAD 2280 Computer Business Applications (3 credits) from Project Management, B.S. major.
3- Add TADT 2211 Introduction to Economics and Cost Analysis (3 credits) to Project Management, B.S. major.
4- Add TADT 1109 Computer Application for Project Managers (3 credits) to Project Management, B.S. major.

The changes in the degree will better prepare the Project Management graduates for employment opportunities. It also will help in reducing the time-to-graduate through transferring more credits. In addition, these changes will improve the employability rate for the PM graduates.

Modifications proposed (specify number of each):

- Course Modification(s) (form 2)
- New Course(s) (form 3)
- Course Drop(s) (form 4)
- Program Modification(s) (form 5)
- New Program(s) (form 6)
- Program Drop(s) (form 7)

The modifications affect (check):

- Liberal Education
- X Undergraduate Curriculum
- Graduate Curriculum
- Teacher Licensure Program(s)
BSU Curriculum Forms

Form 3
Updated: 9.19.15

New Course Form

Course Number:
Undergraduate: TADT 1109
Graduate:

Course Title: Computer Applications for Project Managers

Course Description:
This course is an overview of computer applications that are used by Technology, Operations, and Project Managers. The focus of this class is placed on Microsoft office applications and Microsoft Project. Students will use Microsoft office to practice word processing, spreadsheet, presentation software, and database. Students will be familiar with all aspects of project management including project definition, methods and strategy, resource scheduling and allocation, leadership, managing teams, partnering, minimizing risks, benchmarking project progress and performance and project termination and review.

Credits: 3 crs.

Prerequisite(s):
Undergraduate: None
Graduate:

1. Reason(s) for creating this course:
This course will better prepare project management students for careers in the project management field.

2. How often will this course be offered?
This course will be offered at least once a year each Spring

3. What are the student learning outcomes for the course (please precede each outcome with "Students will...")?
Students who complete this course will be able to use Microsoft office applications and Microsoft Project to:

- Organize and maintain file management
- Perform basic word processing tasks to create, edit and produce professional documents
Create spreadsheets and charts to analyze, investigate and/or interpret data to support the problem solving process.
Use presentation software to create, edit, and produce professional presentations
Build, design, and maintain simple databases
Definition project and develop resource schedule and allocations.
Use functions to minimize project risks, track project progress and performance and project termination and review

4. What are the major content areas for the course?

The focus of this class is placed on Microsoft office applications, Procore, and Microsoft Project.

5. Is this course repeatable for credit, and if so, what is the maximum number of credits that can be earned?
No, the maximum number of credits that can be earned is 3 credits

6. If this course is intended primarily for off-campus delivery (not offered on campus), what delivery mechanism will be used?
This is only for on-campus students.

7. What is the projected maximum class size (cap)?
40 students (per course cap protocol; however will be limited by seats available in computer lab)

8. What qualified faculty will be available to teach this course?

NOTE WELL: Department and dean, in approving this proposal, attest both to the adequacy of the qualifications of faculty here named, and to their availability to teach the course at the frequency specified above, without excessive overload or disruption to other curriculum.

There are several faculties in TADT can teach this course.

9. What additional library and other resources need or should be provided for this course, that are not already available?

None

10. What special personal property or service fee(s) would be charged to students taking this course? These charges would be for 1) items that are retained by the student and have an educational or personal value beyond the classroom, or 2) services that are on the student’s behalf (see MnSCU Board Policy 5.11).
Amount per student: 0$
For: No need for any additional cost

11. Attach a sample syllabus for the course. Note: if this course is double-numbered (u-grad/grad), the syllabus must include an additional component for graduate students. The syllabus is attached to the packet.
TADT 1109 Computer Applications for Project Managers (3 Credits)

Instructor: Dr. Mahmoud Al-Odeh, PhD, CSSBB, CSSGB, CSTM, CSTP, CQMMR

Office: 229 Bridgeman Hall
1500 Birchmont Dr. NE, #34
Bemidji, MN 56601

Phone: 218-755-4223

E-mail: Mahmoud.Al-Odeh@bemidjistate.edu
Description
This course is an overview of computer applications that are used by Technology, Operations, and Project Managers. The focus of this class is placed on Microsoft office applications and Microsoft Project. Students will use Microsoft office to practice word processing, spreadsheet, presentation software, and database. Students will be familiar with all aspects of project management including project definition, methods and strategy, resource scheduling and allocation, leadership, managing teams, partnering, minimizing risks, benchmarking project progress and performance and project termination and review.

Prerequisites/Co-Requisites
No prerequisite required for this course

Course objectives
Students who complete this course will be able to use Microsoft office applications and Microsoft Project to:

- Organize and maintain file management
- Perform basic word processing tasks to create, edit and produce professional documents
- Create spreadsheets and charts to analyze, investigate and/or interpret data to support the problem solving process.
- Use presentation software to create, edit, and produce professional presentations
- Build, design, and maintain simple databases
- Definition project and develop resource schedule and allocations.
- Use functions to minimize project risks, track project progress and performance and project termination and review

Textbooks

Lab requirement
This course is a lab course and it requires access to Microsoft office applications and Microsoft Project.

Software used:
Microsoft Office: (Microsoft Word, Microsoft Excel, Microsoft Access, Microsoft PowerPoint) Microsoft Project

Communication
I am to be referred to by my professional name, Dr. Al-Odeh

Contacting the Instructor
If you have a question regarding the class, please email me at Mahmoud.Al-Odeh@bemidjistate.edu and put “Question” in the subject line. Make sure to
include your first and last name as well as which course you are in. Use the Professor/Instructor/Staff’s formal title in your salutation. “Hey”, “Hi Mahmoud”, and “Sup?” are not appropriate. “Hi Dr. Al-Odeh” is sufficient.

Response time
Except for weekends, I will normally respond to emails and to questions posted in the D2L area within 48 hours. Unless otherwise indicated, assignments will be graded and returned within 10 days of their submission to D2L.

Grading

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<td>Quizzes</td>
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Tentative Schedule

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<tr>
<td>Week 1</td>
<td>Microsoft Project</td>
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<td>Introduction</td>
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<td>Get to know Project</td>
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<td>Set up Project Files</td>
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<td>Assigning Tasks to Resources</td>
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<td>Working with views</td>
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<td>Week 3</td>
<td>Microsoft Project</td>
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<td>Fine-Tuning the Project Schedule</td>
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<td>Tracking and Managing a project</td>
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<td>Viewing and reporting Project information</td>
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<td>Week 4</td>
<td>Microsoft Word</td>
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<td>Getting Started with Word</td>
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<td>Using Paragraph Formatting</td>
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<td>Formatting Efficiently with Styles and Themes</td>
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<td>Creating Bulleted and Numbered Lists</td>
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<td>Working with Columns and Tables</td>
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<td>Illustrating Your Documents</td>
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<td>Using Macros and Building Blocks</td>
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<td>Proofing Your Documents</td>
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<td>Customizing Word</td>
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<td>Week 7</td>
<td>Microsoft Excel</td>
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<td>Introduction</td>
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<td>Getting Started with Excel</td>
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<td>Entering Data</td>
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<td>IF, VLOOKUP, and Power Functions</td>
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<td>Introduction to Macros</td>
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<th>Microsoft PowerPoint</th>
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<tr>
<td></td>
<td>Introduction</td>
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<td>Navigating PowerPoint</td>
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<td>Working with Presentations</td>
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<td>Working with Slides</td>
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<th>Microsoft PowerPoint functions</th>
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<td>Adding Pictures to Slides</td>
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<td>Adding Content to Slides</td>
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<td>Adding shapes, Diagrams, and Charts to Slides</td>
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<th>Week 14</th>
<th>Microsoft PowerPoint functions</th>
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<td>Adding Video, Audio, and Animation to Slides</td>
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<td>Preparing the presentation</td>
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<td>Delivering your Presentation</td>
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<td>Reusing and sharing Presentations</td>
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<td>Creating Forms</td>
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Academic Integrity

BSU students are expected to practice the highest standards of ethics, honesty and integrity in all of their academic work. Any form of academic dishonesty (e.g., plagiarism, cheating and misrepresentation) may result in disciplinary action. Possible disciplinary actions may include failure for part or an entire course as well as suspension from the University. It is suggested that you review BSU’s statement on academic integrity found within the Student Code of Conduct.

Accessibility statement

Upon request this document can be made available in alternate formats. Please contact Accessibility Services at 755-3883.

Students with Special Needs

BSU is committed to making all educational programs, course materials, services and activities sponsored by the University accessible to individuals with disabilities. Students requesting accommodations due to a disability or other need for access should contact Accessibility Services as soon as possible. Accessibility Services is located at Decker Hall 202. PH: 218.755.3883 or email: accessibility@bemidjistate.edu. This information is also available through Minnesota Relay Services at 800.627.3529.

Tutor.com

The Minnesota State system has updated the online tutoring service available to our students. We are now partnering with Tutor.com to offer 24/7 online tutoring, which will connect students with an expert tutor for extra assistance one-on-one. Online tutoring services can be accessed through the main page in D2L and your course page, by clicking on the tutor.com link, located in the “HelpLinks” menu. All students will receive 15 hours of tutoring at no cost. Tutoring services cover a variety of subject areas including math, writing, accounting, economics, biology, languages and nursing. Additional time may be purchased by students directly through tutor.com.

Disruptive Behavior in the Classroom

We at Bemidji State University believe the classroom is an environment where civility, human dignity and respect is maintained. Any variation from this for example yelling or saying profanity at an instructor or another person in the classroom, or any other loud, lewd, belligerent or obnoxious behavior resulting in a disruption from teaching, and learning are violations of the Code of Conduct and will not be tolerated. If this occurs, you will be asked to leave the classroom not to return until you meet with the University Conduct Officer and you could be subject to a judicial hearing.

Extended Leave Procedure

If student has to be away from class from an extended period of time (more than two class sessions) for medical emergencies or a funeral, you are asked to contact the Student Life and Success Office where a leave notice will be given to your
faculty. This notice informs the faculty of your departure and return date back to campus. This leave does not absolve you from any assignment you have due during your leave. You are to make arrangements with your instructors of when to complete any assignments due during the leave period. You can complete a leave form as this website https://www.bemidjistate.edu/offices/student-life-success/extended-absence/

Mental Health and Counseling
Students may experience mental health concerns or stressful events that may lead to diminished academic performance. The Student Center for Health & Counseling is available to assist you with concerns and can include stress relief services. They can be reached in Cedar Hall, First Floor. Phone: (218) 755-2053. And of course, if I can ever be of assistance, please don’t hesitate to let me know; I am your first line of defense…and here to help YOU!
BSU Curriculum Forms

Form 3
Updated: 9.19.15

New Course Form

Course Number:
    Undergraduate: TADT 2211
    Graduate:

Course Title: Introduction to Economics and Cost Analysis

Course Description:
This course is an overview of the application of economics and cost analysis in Technology, Operations, and Project Management fields. Students in this class will be introduced to cost and managerial accounting concepts, procedures, and strategies. The emphasis of this course is on product costs, operation budgeting and planning, costs control, and management decision making. Topics include product costing methodologies, cost–volume–profit (CVP) analysis, operational and capital budgeting, job & process costing, and performance evaluation. Students will learn about various costs such as direct costs, indirect costs, fixed costs, variable costs, and inventorital cost.

Credits: 3 crs.

Prerequisite(s):
    Undergraduate: None
    Graduate:

1. Reason(s) for creating this course:
This course will better prepare project management students for career in project management field.

2. How often will this course be offered?
This course will be offered at least once a year (as needed).

3. What are the student learning outcomes for the course (please precede each outcome with "Students will...")?
    Students who complete this course will be able to:
    ❖ Apply the decision process using an example for their life
    ❖ Identify and calculate various types of costs such as direct, indirect, total, variable and fixed costs
    ❖ Determine the costs of producing a product or providing a service using job costing and process costing
Allocate costs to products and services using Activity Based Costing (ABC)
Calculate the costs of spoilage, reworked units and scrap
Define operation and capital budgeting, and explain its role in planning, control and decision-making.
Prepare an operating budget, identify its major components, and explain the interrelationships among its various components
Apply different cost analysis methods to conduct a performance evaluation.
Use MS Excel spreadsheet and other software programs to prepare various performance reports for management planning, controlling and decision-making.

4. What are the major content areas for the course?

Topics include:
Product costing methodologies
Cost–volume–profit (CVP) analysis
Operational and capital budgeting, job & process costing
Performance evaluation.

5. Is this course repeatable for credit, and if so, what is the maximum number of credits that can be earned?
The maximum number of credits that can be earned is 3 credits.

6. If this course is intended primarily for off-campus delivery (not offered on campus), what delivery mechanism will be used?

This is for on-campus and online students. The D2L and zoom meeting will be used to offer the course online.

7. What is the projected maximum class size (cap)?
35 students

8. What qualified faculty will be available to teach this course?

NOTE WELL: Department and dean, in approving this proposal, attest both to the adequacy of the qualifications of faculty here named, and to their availability to teach the course at the frequency specified above, without excessive overload or disruption to other curriculum.

There are several faculty in TADT that can teach this course.

9. What additional library and other resources need or should be provided for this course, that are not already available?

None
10. What special personal property or service fee(s) would be charged to students taking this course? These charges would be for 1) items that are retained by the student and have an educational or personal value beyond the classroom, or 2) services that are on the student’s behalf (see MnSCU Board Policy 5.11).
Amount per student: 0$
For: No need for additional cost

11. Attach a sample syllabus for the course. Note: if this course is double-numbered (u-grad/grad), the syllabus must include an additional component for graduate students.

See the attached syllabus.
TADT 2211
Introduction to Economics and Cost Analysis (3 Credits)
Technology Art & Design - Technology (TADT)
Bemidji State University

**Instructor:**
Dr. Mahmoud Al-Odeh, PhD, CSSBB, CSSGB, CSTM, CSTP, CQMMR

**Office:**
229 Bridgeman Hall
1500 Birchmont Dr. NE, #34
Bemidji, MN 56601

**Phone:**
218-755-4223

**E-mail:**
Mahmoud.Al-Odeh@bemidjistate.edu
Course Description
This course is an overview of the application of economics and cost analysis in Technology, Operations, and Project Management fields. Students in this class will be introduced to cost and managerial accounting concepts, procedures, and strategies. The emphasis of this course is on product costs, operation budgeting and planning, costs control, and management decision making. Topics include product costing methodologies, cost–volume–profit (CVP) analysis, operational and capital budgeting, job & process costing, and performance evaluation. Students will learn about various costs such as direct costs, indirect costs, fixed costs, variable costs, and inventorial cost.

Prerequisites
No prerequisites required for this course

Course objectives
Students who complete this course will be able to:
❖ Apply the decision process using an example for their life
❖ Identify and calculate various types of costs such as direct, indirect, total, variable and fixed costs
❖ Determine the costs of producing a product or providing a service using job costing and process costing
❖ Allocate costs to products and services using Activity Based Costing (ABC)
❖ Calculate the costs of spoilage, reworked units and scrap
❖ Define operation and capital budgeting, and explain its role in planning, control and decision-making.
❖ Prepare an operating budget, identify its major components, and explain the interrelationships among its various components
❖ Apply different cost analysis methods to conduct a performance evaluation.
❖ Use MS Excel spreadsheet and other software programs to prepare various performance reports for management planning, controlling and decision-making.

Recommended Textbooks
☐ Economics: Theory Through Applications:  
☐ External resources

Lab requirement
This course requires access to Microsoft excel.

Communication
I am to be referred to by my professional name, Dr. Al-Odeh

Contacting the Instructor
If you have a question regarding the class, please email me at Mahmoud.Al-Odeh@bemidjistate.edu and put “Question” in the subject line. Make sure to
For your GPA, your grade is recorded as follows:

<table>
<thead>
<tr>
<th>Course Letter Grade Assigned</th>
<th>Final Course Percentage</th>
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<td>100-97</td>
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<td>63-60</td>
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<tr>
<td>F</td>
<td>59 or less</td>
</tr>
</tbody>
</table>

For more information about the new grading system, go to this link: [https://www.bemidjistate.edu/academics/catalog/20195/content/458](https://www.bemidjistate.edu/academics/catalog/20195/content/458)
Tentative Schedule

<table>
<thead>
<tr>
<th>Week</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Week 2 – Jan 20</td>
<td>What Is Economics? Microeconomics vs. Macroeconomics</td>
</tr>
<tr>
<td>Week 3 – Jan 27</td>
<td>Everyday Decisions and Life Decisions</td>
</tr>
<tr>
<td>Week 4 – Feb 3</td>
<td>Feasibility Study</td>
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<tr>
<td></td>
<td>Week 5</td>
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<tr>
<td></td>
<td>Feb 10</td>
</tr>
<tr>
<td></td>
<td><strong>Project Proposal - draft</strong></td>
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<tr>
<td>Week 6 Feb 17</td>
<td>The basic concept of cost: material, labor, overhead, fixed, &amp; variable</td>
</tr>
<tr>
<td>Week 7 Feb 24</td>
<td>Fundamentals of Cost-Volume-Profit Analysis</td>
</tr>
<tr>
<td>Week 8 March 2</td>
<td>Fundamentals of Cost Analysis for Decision Making</td>
</tr>
<tr>
<td></td>
<td><strong>Quiz 1</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Project proposal final draft March 6</strong></td>
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<td></td>
<td>March 9-13</td>
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<tr>
<td></td>
<td><strong>Spring break</strong></td>
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<td></td>
<td>Week 9</td>
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<td>March 16</td>
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<td></td>
<td><strong>Midterm</strong></td>
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<tr>
<td>Week 10 – March 23</td>
<td>Cost Estimation Strategies – Breakeven, ROI Quiz 2</td>
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<tr>
<td></td>
<td><strong>Case Study Discussion</strong></td>
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<td></td>
<td>Week 11 – March 30</td>
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<tr>
<td></td>
<td><strong>Final project presentation</strong></td>
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<tr>
<td>Week 12 – April 6</td>
<td>Cost Estimation Strategies – (e.g. Project costing ABC costing, job costing, process costing)</td>
</tr>
<tr>
<td></td>
<td><strong>Quiz 3</strong></td>
</tr>
<tr>
<td>Week 13 – April 13</td>
<td>Cost Estimation Strategies – costs of spoilage, reworked units and scrap</td>
</tr>
<tr>
<td></td>
<td><strong>Quiz 4</strong></td>
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<tr>
<td></td>
<td>Week 14 – April 20</td>
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<tr>
<td></td>
<td><strong>Assignment</strong></td>
</tr>
<tr>
<td>Week 15 – April 27</td>
<td>Final Exam Review</td>
</tr>
<tr>
<td></td>
<td><strong>Final Exam May 5 @ 8:00 AM - 10:00 AM in BN 214</strong></td>
</tr>
</tbody>
</table>

**Note:** The information and subject matter included in this syllabus is subject to change at the discretion of the course instructor and/or department officials. All changes will be communicated in full to the class.
Academic Integrity

BSU students are expected to practice the highest standards of ethics, honesty and integrity in all of their academic work. Any form of academic dishonesty (e.g., plagiarism, cheating and misrepresentation) may result in disciplinary action. Possible disciplinary actions may include failure for part or an entire course as well as suspension from the University. It is suggested that you review BSU’s statement on academic integrity found within the Student Code of Conduct.

Accessibility statement

Upon request this document can be made available in alternate formats. Please contact Accessibility Services at 755-3883.

Students with Special Needs

BSU is committed to making all educational programs, course materials, services and activities sponsored by the University accessible to individuals with disabilities. Students requesting accommodations due to a disability or other need for access should contact Accessibility Services as soon as possible. Accessibility Services is located at Decker Hall 202. PH: 218.755.3883 or email: accessibility@bemidjistate.edu. This information is also available through Minnesota Relay Services at 800.627.3529.

Tutor.com

The Minnesota State system has updated the online tutoring service available to our students. We are now partnering with Tutor.com to offer 24/7 online tutoring, which will connect students with an expert tutor for extra assistance one-on-one. Online tutoring services can be accessed through the main page in D2L and your course page, by clicking on the tutor.com link, located in the “HelpLinks” menu. All students will receive 15 hours of tutoring at no cost. Tutoring services cover a variety of subject areas including math, writing, accounting, economics, biology, languages and nursing. Additional time may be purchased by students directly through tutor.com.

Disruptive Behavior in the Classroom

We at Bemidji State University believe the classroom is an environment where civility, human dignity and respect is maintained. Any variation from this for example yelling or saying profanity at an instructor or another person in the classroom, or any other loud, lewd, belligerent or obnoxious behavior resulting in a disruption from teaching, and learning are violations of the Code of Conduct and will not be tolerated. If this occurs, you will be asked to leave the classroom not to return until you meet with the University Conduct Officer and you could be subject to a judicial hearing.

Extended Leave Procedure

If student has to be away from class from an extended period of time (more than two class sessions) for medical emergencies or a funeral, you are asked to contact the Student Life and Success Office where a leave notice will be given to your faculty. This notice informs the faculty of your departure and return date back to campus. This leave does not absolve you from any assignment you have due during your leave. You are to make arrangements with your instructors of when to complete any assignments due during the leave period. You can complete a leave
form as this website https://www.bemidjistate.edu/offices/student-life-success/extended-absence/

Mental Health and Counseling
Students may experience mental health concerns or stressful events that may lead to diminished academic performance. The Student Center for Health & Counseling is available to assist you with concerns and can include stress relief services. They can be reached in Cedar Hall, First Floor. Phone: (218) 755-2053. And of course, if I can ever be of assistance, please don’t hesitate to let me know; I am your first line of defense…and here to help YOU!

Important links
- Student Services: If you have a technical support issue contact Student Services:
  http://www.bemidjistate.edu/its/student_services/
- D2L GUIDES: The following link will help you be familiar with the D2L tools:
  https://mnsite.learn.minnstate.edu/shared/help/helplink.htm?org=1692&r=%7bRoleName%7d&cou=1692
- After-Hours D2L HelpDesk: you can the following link and phone number if you have d2l problem after 5:00 PM:
  https://servicedesk.minnstate.edu/CherwellPortal/MNSO#0 or 1-877-466-6728
- D2L Accessibility Standards Compliance: Desire2Learn believes that learning technologies should never limit learning opportunities. The following link includes more details:
  http://www.brightspace.com/accessibility/
- Netiquette (online etiquette): the following link explains online course netiquette guidelines:
BSU Curriculum Forms

Form 5

Program Modification Form

Program to be modified: Applied Management, B.A.S. major

List all proposed change(s):
1. Drop ACCT 2101 Principles of Accounting I (3 credits) from the B.A.S. Applied Management
2. Add TADT 2211 Introduction to Economics and Cost Analysis (3 credits) to the B.A.S. Applied Management.

Reason(s) for the change(s):

The current B.A.S. Applied Management requires students to take ACCT 1101 Principles of Accounting I (3 credits) in the Applied Management foundation. The department received recommendation from our advisory board and program graduates in industry to create our own courses by addressing software and skillset that better serve our students and our ATMAE accreditations standards.

TADT faculty is proposing the following:

1. Drop ACCT 2101 Principles of Accounting I (3 credits) from the B.A.S. Applied Management
2. Add TADT 2211 Introduction to Economics and Cost Analysis (3 credits) to the B.A.S. Applied Management.

The changes in the degree will better prepare the Applied Management graduates for employment opportunities. It also will help in reducing the time-to-graduate through transferring more credits. In addition, these changes will improve the employability rate for the AM graduates.

Note: In order to avoid hidden prerequisites, if a course is being dropped from this program (but not from the entire curriculum), please check for which remaining courses may include this dropped course as a prerequisite. Course prerequisites may be found in the online catalog (http://www.bemidjistate.edu/academics/catalog/). Remedies for hidden prerequisites may be found under Curriculum Forms at (http://www.bemidjistate.edu/faculty_staff/faculty_association/forms/).

Note: If a course from another department/program was either added to or dropped from this program, please notify the chair/coordinator of that course's department/program and indicate the following:
The course’s home department/program was notified of the addition or dropping of their course(s) on __10/15/19______ (date) by ______email____________ (mail, email, or
ACCOUNTANCY

Please check one of the items below:

______  No comments were received from other programs or departments within one week of the notification.

___x___ Comments were received within one week of the notification, and are attached.

Note: If this is a joint program, the signatures of both department chairs (and both deans, if different colleges) must be provided.

Alert: Attach a copy of the current program showing the marked changes.
Please copy the current program from the online catalog (http://www.bemidjistate.edu/academics/catalog/) and paste it into Word. Then use either the Track Changes feature under Tools, or the underline and strikethrough Font feature under Format. (Please note that the Track Changes feature may be easily switched on and off by holding down the Ctrl+Shift+E keys.)

From: Joyce, Bill <Bill.Joyce@bemidjistate.edu>
Sent: Wednesday, October 16, 2019 10:27 AM
To: Graves, William X <William.Graves@bemidjistate.edu>; Al-Odeh, Mahmoud A.<Mahmoud.Al-Odeh@bemidjistate.edu>
Cc: Higgins, Bonnie S <Bonnie.Higgins@bemidjistate.edu>; Everhart, Jeffrey J.<Jeffrey.Everhart@bemidjistate.edu>; Massaglia, David M <David.Massaglia@bemidjistate.edu>
Subject: RE: Notification of curriculum modification

Dear Colleagues:

Might I suggest as an alternative a new version of ACCT 2101 for non-accounting business/accounting majors? I am not sure what number to call it, but it would cover the same material as ACCT 2101 without the debits and credits.

Respectfully,

Bill

From: Graves, William X <William.Graves@bemidjistate.edu>
Sent: Tuesday, October 15, 2019 2:16 PM
To: Al-Odeh, Mahmoud A.<Mahmoud.Al-Odeh@bemidjistate.edu>
Cc: Higgins, Bonnie S <Bonnie.Higgins@bemidjistate.edu>; Everhart, Jeffrey J.<Jeffrey.Everhart@bemidjistate.edu>; Joyce, Bill <Bill.Joyce@bemidjistate.edu>; Massaglia, David M <David.Massaglia@bemidjistate.edu>
Subject: RE: Notification of curriculum modification

Mahmoud — our department would like to respectfully disagree with this decision. We feel that a basic level of accounting knowledge is critical to project management. All larger projects include budgeting, estimating, forecasting, progress billing reviews, etc etc.

Might I suggest you consider changing from Principles I to our new course Introduction to Accounting ACCT 1930 which is a more generalized overview.
**Applied Management, B.A.S. major**

The Applied Management program is designed to prepare individuals to pursue a variety of technology-related management career paths in business or industry. **The program is designed specifically for individuals who possess a two-year technical degree and are interested in advancing their professional career.** The program permits students to apply their 2-year technical degree credits toward a baccalaureate degree. Coupled with a two-year technical/applied degree providing a focused foundation, students complete junior and senior-level courses covering a broad range of technology and applied management concepts and applications. This breadth provides maximum flexibility for graduates to pursue diverse employment opportunities. Completion of the degree is available through a web-based distance delivery format. Students should work closely with an advisor to obtain program and course selection information.

Required Credits: 60  
Required GPA: 2.25

**TRANSFER DEGREE CREDITS**

A minimum of 30 credits must be transferred from an AS degree, AAS degree, diploma or certificate. Additional transfer credits will be accepted as general elective credits and will count toward the 120 credit requirement for a bachelor's degree.

**I REQUIRED FOUNDATION CORE**

COMPLETE THE FOLLOWING COURSES:

- ACCT 1100 Financial Literacy (3 credits)  
- ACCT 2101 Principles of Accounting I (3 credits)  
- ECON 2000 Markets and Resource Allocation (3 credits)  
- ECON 2100 Macroeconomics and the Business Cycle (3 credits)  
- MATH 1100 Mathematical Reasoning (3 credits)  
- TADT 2100 Impact Of Technology, Art & Design (2 credits)  
- TADT 2211 Introduction to Economics and Cost Analysis (3 credits)

**II REQUIRED MAJOR CORE**

COMPLETE THE FOLLOWING COURSES:

- TADT 3100 Principles of Professional Development (3 credits)  
- TADT 3111 Project Management Methodology (3 credits)  
- TADT 3112 Leadership in a Team Environment (3 credits)  
- TADT 3267 Economic and Cost Analysis (3 credits)  
- TADT 3700 Operations Planning and Control (3 credits)  
- TADT 4385 Sustainability and Emerging Technologies (3 credits)
III ADVISOR APPROVED CAREER RELATED ELECTIVE COURSES

SELECT 13 CAREER RELATED OR LIBERAL EDUCATION/MNTC CREDITS WITH ASSISTANCE FROM A FACULTY ADVISOR TO COMPLETE GRADUATION REQUIREMENTS. (10 OF THESE MAY NEED TO BE UPPER DIVISION CREDITS)

SUGGESTED SEMESTER SCHEDULE FOR: APPLIED MANAGEMENT, B.A.S.

Semester 1 Fall

- ACCT 1100 Financial Literacy (3 credits)
- ACCT 2101 Principles of Accounting I (3 credits)
- MATH 1100 Mathematical Reasoning (3 credits)
- TADT 2100 Impact Of Technology, Art & Design (2 credits)
- TADT 2211 Introduction to Economics and Cost Analysis (3 credits)

Semester 2 Spring

- ECON 2000 Markets and Resource Allocation (3 credits)
- ECON 2100 Macroeconomics and the Business Cycle (3 credits)
- TADT 3112 Leadership in a Team Environment (3 credits)
- Advisor Approved Career Related Elective Courses (6 credits)

Semester 3 Summer

- TADT 3700 Operations Planning and Control (3 credits)
- TADT 4385 Sustainability and Emerging Technologies (3 credits)
- TADT 4880 Total Quality Management (3 credits)

Semester 4 Fall

- TADT 3100 Principles of Professional Development (3 credits)
- TADT 3111 Project Management Methodology (3 credits)
- TADT 3267 Economic and Cost Analysis (3 credits)
- Advisor Approved Career Related Elective Courses (6 credits)

Semester 5 Spring

- TADT 4873 Emphasis Related Capstone (3 credits)
- TADT 4875 Facilities Management (3 credits)
- TADT 4878 Quality Assurance (3 credits)
• Advisor Approved Career Related Elective Courses (5 credits)
BSU Curriculum Forms

Form 5

Program Modification Form

Program to be modified:
Project Management, B.S. major Construction and Facility Management Emphasis
Project Management, B.S. major Operations Management Emphasis
Project Management, B.S. major Product Development Emphasis

List all proposed change(s):
1. Drop ACCT 2101 Principles of Accounting I (3 credits) from Project Management, B.S. major.
2. Drop BUAD 2280 Computer Business Applications (3 credits) from Project Management, B.S. major.
3. Add TADT 2211 Introduction to Economics and Cost Analysis (3 credits) to Project Management, B.S. major.
4. Add TADT 1109 Computer Application for Project Managers (3 credits) to Project Management, B.S. major.

Reason(s) for the change(s):

The current Project Management, B.S. major requires students to take ACCT 2101 Principles of Accounting I (3 credits) and BUAD 2280 Computer Business Applications (3 credits) in the Project Management Core. The department received recommendation from our advisory board and program graduates in industry to create our own courses by addressing software and skillset that better serve our students and our ATMAE accreditations standards.

The prerequisites for ACCT 2101 are MATH 1170 or consent of instructor. With “consent of instructor” this is not technical a hidden prerequisite; however, we feel our students may be not as successful as a student who had taken MATH 1170. Therefore, based on this as well as the feedback from the advisory board a new course would best serve our students.

The TADT faculty is proposing the following:

1. Drop ACCT 2101 Principles of Accounting I (3 credits) from Project Management, B.S. major (all three emphasis).
2- Drop BUAD 2280 Computer Business Applications (3 credits) from Project Management, B.S. major (all three emphasis).
3- Add TADT 2211 Introduction to Economics and Cost Analysis (3 credits) to Project Management, B.S. major (all three emphasis).
4- Add TADT 1109 Computer Application for Project Managers (3 credits) to Project Management, B.S. major (all three emphasis).

The changes in the degree will better prepare the Project Management graduates for employment opportunities. It also will help in reducing the time-to-graduate through transferring more credits. In addition, these changes will improve the employability rate for the PM graduates.

Note: In order to avoid hidden prerequisites, if a course is being dropped from this program (but not from the entire curriculum), please check for which remaining courses may include this dropped course as a prerequisite. Course prerequisites may be found in the online catalog (http://www.bemidjistate.edu/academics/catalog/). Remedies for hidden prerequisites may be found under Curriculum Forms at (http://www.bemidjistate.edu/faculty_staff/faculty_association/forms/).

Note: If a course from another department/program was either added to or dropped from this program, please notify the chair/coordinator of that course's department/program and indicate the following: The course’s home department/program was notified of the addition or dropping of their course(s) on ___10.15.2019___ (date) by ___email__________ (mail, email, or phone).

ACCOUNTANCY – See documentation at end of the packet
BUSINESS ADMINISTRATION – See documentation at end of the packet

Please check one of the items below:

______ No comments were received from other programs or departments within one week of the notification.

___x___ Comments were received within one week of the notification, and are attached.

Note: If this is a joint program, the signatures of both department chairs (and both deans, if different colleges) must be provided.

Alert: Attach a copy of the current program showing the marked changes.
Please copy the current program from the online catalog (http://www.bemidjistate.edu/academics/catalog/) and paste it into Word.
Then use either the Track Changes feature under Tools, or the underline and strikethrough Font feature under Format. (Please note that the
Track Changes feature may be easily switched on and off by holding down the Ctrl+Shift+E keys.)
**Project Management, B.S. major**
Construction and Facility Management Emphasis

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* (1-2 credits)

COMPLETE THE FOLLOWING COURSE FOR 2 CREDITS:

- TADT 4970 *Internship* (1-12 credits)

II PROJECT MANAGEMENT CORE COURSES

COMPLETE THE FOLLOWING COURSES:

- ACCT 2101 *Principles of Accounting I* (3 credits)
- BUAD 2220 *Legal Environment* (3 credits)
- BUAD 2280 *Computer Business Applications* (3 credits)
- TADT 1109 Computer Applications for Project Managers (3 credits)
- TADT 1460 *2D Graphics And Laser Etching* (3 credits)
- TADT 2211 *Introduction to Economics and Cost Analysis* (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)

CONSTRUCTION AND FACILITY MANAGEMENT EMPHASIS

COMPLETE THE FOLLOWING COURSES:

- BUAD 3677 *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)
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 (1-2 credits)

COMPLETE THE FOLLOWING COURSE FOR 2 CREDITS:

- TADT 4970 Internship (1-12 credits)

II PROJECT MANAGEMENT CORE COURSES

COMPLETE THE FOLLOWING COURSES:

- ACCT 2101 Principles of Accounting I (3 credits)
- BUAD 2220 Legal Environment (3 credits)
- BUAD 2280 Computer Business Applications (3 credits)
- TADT 1109 Computer Applications for Project Managers (3 credits)
- TADT 1460 2D Graphics And Laser Etching (3 credits)
- TADT 2211 Introduction to Economics and Cost Analysis (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 4879 Service Process/Improvement (3 credits)
• TADT 4880 Total Quality Management (3 credits)

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

Freshman

• ACCT 2101 Principles of Accounting I (3 credits)
• BUAD 2280 Computer Business Applications (3 credits)
• TADT 1111 Introduction to Project Management (3 credits)
• TADT 1109 Computer Applications for Project Managers (3 credits)
• TADT 1460 2D Graphics And Laser Etching (3 credits)
• TADT 2211 Introduction to Economics and Cost Analysis (3 credits)
• TADT 1210 Introduction to Manufacturing Processes I (3 credits)
• TADT 1220 Introduction to Manufacturing Processes II (3 credits)
• Liberal Education Requirements

Sophomore

• BUAD 2220 Legal Environment (3 credits)
• TADT 2461 Parametric 3D Modeling (3 credits)
• TADT 2877 Engineering Problem Solving (3 credits)
• Liberal Education Requirements

Junior

• TADT 3100 Principles of Professional Development (3 credits)
• TADT 3112 Leadership in a Team Environment (3 credits)
• TADT 3267 **Economic and Cost Analysis** (3 credits)
• TADT 3700 **Operations Planning and Control** (3 credits)
• TADT 3885 **Technical Sales, Service and Training** (3 credits)
• TADT 3887 **Safety and Risk Management** (3 credits)
• Elective 01
• Elective 02
• Liberal Education Requirements

**Senior**

• TADT 4385 **Sustainability and Emerging Technologies** (3 credits)
• TADT 4867 **Lean Principles and Practices** (3 credits)
• TADT 4873 **Emphasis Related Capstone** (3 credits)
• TADT 4875 **Facilities Management** (3 credits)
• TADT 4878 **Quality Assurance** (3 credits)
• TADT 4879 **Service Process/Improvement** (3 credits)
• TADT 4880 **Total Quality Management** (3 credits)
• TADT 4893 **Applied Project Management** (3 credits)
Project Management, B.S. major

Product Development 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 (1-2 credits)

COMPLETE THE FOLLOWING COURSE FOR 2 CREDITS:

- TADT 4970 Internship (1-12 credits)

II PROJECT MANAGEMENT CORE COURSES

COMPLETE THE FOLLOWING COURSES:

- ACCT 2101 Principles of Accounting I (3 credits)
- BUAD 2220 Legal Environment (3 credits)
- BUAD 2280 Computer Business Applications (3 credits)
- TADT 1109 Computer Applications for Project Managers (3 credits)
- TADT 1460 2D Graphics And Laser Etching (3 credits)
- TADT 2211 Introduction to Economics and Cost Analysis (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)

PRODUCT DEVELOPMENT EMPHASIS

COMPLETE THE FOLLOWING COURSES:

• 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)

SUGGESTED SEMESTER SCHEDULE PROJECT MANAGEMENT, B.S. PRODUCT DEVELOPMENT EMPHASIS

Freshman

• ACCT 2101 Principles of Accounting I (3 credits)
• BUAD 2280 Computer Business Applications (3 credits)
• TADT 1111 Introduction to Project Management (3 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 1109 Computer Applications for Project Managers (3 credits)
• TADT 1460 2D Graphics And Laser Etching (3 credits)
• TADT 2211 Introduction to Economics and Cost Analysis (3 credits)
• Liberal Education Requirements

Sophomore

• BUAD 2220 Legal Environment (3 credits)
• TADT 2450 Product Finishing & Aesthetics (3 credits)
• TADT 2461 Parametric 3D Modeling (3 credits)
• TADT 2877 Engineering Problem Solving (3 credits)
• TADT 3462 Computer Controlled Machining (3 credits)
• Liberal Education Requirements
Sophomore - Summer

- TADT 3970 Internship (1-2 credits)
  Internship for 1 Credit

Junior

- TADT 3112 Leadership in a Team Environment (3 credits)
- TADT 3267 Economic and Cost Analysis (3 credits)
- TADT 3470 Concept to Prototype Model (3 credits)
- TADT 3537 Industrial Design/Innovation (3 credits)
- TADT 3885 Technical Sales, Service and Training (3 credits)
- Elective
- Liberal Education Requirements

Junior - Summer

- TADT 4970 Internship (1-12 credits)
  Internship for 2 Credits

Senior

- TADT 4385 Sustainability and Emerging Technologies (3 credits)
- TADT 4589 Advanced Prototype Project (3 credits)
- TADT 4873 Emphasis Related Capstone (3 credits)
- TADT 4875 Facilities Management (3 credits)
- TADT 4878 Quality Assurance (3 credits)
- TADT 4893 Applied Project Management (3 credits)
- Elective
- Liberal Education Requirements
BSU Curriculum Forms

Form 8
Updated: 09.18.15

Signatures

___________________________ Timothy Brockman / Professor / 10.18.2019 ________________
Proposer / Title / Date

___________________________ Bonnie S Higgins / School of Technology, Art and Design / 10.18.2019 ________________
Chair or Director / Department or Program / Date
Note: "All departmental recommendations [on curriculum] must be reviewed and approved by the department's faculty."--IFO/MnSCU Master Agreement 2009-2011, 20.A.3 (p. 80).

At this point, packet goes to Records Office/Curriculum Coordinator to be logged in to the Curriculum Proposal Progress Grid.

___________________________ James Barta / Arts, Education and Humanities / 10.19.2019 ________________
Dean / College / Date

Note: If proposal is sent back to the Proposer, please notify the Curriculum Coordinator. If approved, packet goes to Academic Affairs Office.
Thank you for the question.

Dr. Mahmoud Al-Odeh, Ph.D., CSSBB, CSSGB, CSTP, COMMAR
Associate Professor of Operations and Technology Management
Program Coordinator, Operations and Applied Management
School Of Technology, Art, & Design
Bemidji State University
218-755-4223
Mahmoud.Al-Odeh@bemidjistate.edu
Transforming Learners to Operational Projects Leaders!
We will create a more project management specialized course to include applications such as the Microsoft Project and Procore. These applications are critical to Project Management students and recommended by our advisory board.

Hope this clarifies my request/email.

Thank you,

Dr. Mahmoud Al-Odeh, PhD, CSSBB, CSSGB, CSTM, CSTP, CQMMR
Associate Professor of Operations and Technology Management
Program Coordinator, Operations and Applied Management
School Of Technology, Art, & Design
Bemidji State University
218-755-4223

Mahmoud.Al-Odeh@bemidjistate.edu
Transforming Learners to Operational Projects Leaders!
From: Leif, Douglas <Douglas.Leif@bemidjistate.edu>
Sent: Tuesday, October 15, 2019 1:42 PM
To: Son, Young Seob <YoungSeob.Son@bemidjistate.edu>; Alabsi, Hamdan Z <Hamdan.Alabsi@bemidjistate.edu>; Fredrickson, Joann <Joann.Fredrickson@bemidjistate.edu>; Frison, David C <David.Frison@bemidjistate.edu>; Frost, Dean <Dean.Frost@bemidjistate.edu>; Grandison, Egypt K <egypt.grandison@bemidjistate.edu>; Kovarik, Angie J <Angie.Kovarik@bemidjistate.edu>; La Venture, Kelly <Kelly.LaVenture@bemidjistate.edu>; Li, Zhe <Zhe.Li@bemidjistate.edu>; Nelson, Peter D <Peter.Nelson@bemidjistate.edu>; Repko, John K <John.Repko@bemidjistate.edu>; Tarmizi, Halbana <Halbana.Tarmizi@bemidjistate.edu>; Veaux, Veronica L <Veronica.Veaux@bemidjistate.edu>; Wallingford, Valerie <Valerie.Wallingford@bemidjistate.edu>; Warren, Gabriel <Gabriel.Warren@bemidjistate.edu>; Wood, Kari <Kari.Wood@bemidjistate.edu>; Deering, Lori F <Lori.Deering@bemidjistate.edu>
Subject: RE: Notification of curriculum modification

Rationale?

Thanks Boss😊

Douglas Leif, CCP
Professor
Business Administration
Bemidji State University
1500 Birchmont Drive Northeast #30
Bemidji, MN 56601
218-755-2754 | 218-755-2907
dleif@bemidjistate.edu

From: Son, Young Seob <YoungSeob.Son@bemidjistate.edu>
Sent: Tuesday, October 15, 2019 1:06 PM
To: Alabsi, Hamdan Z <Hamdan.Alabsi@bemidjistate.edu>; Fredrickson, Joann <Joann.Fredrickson@bemidjistate.edu>; Frison, David C <David.Frison@bemidjistate.edu>; Frost, Dean <Dean.Frost@bemidjistate.edu>; Grandison, Egypt K <egypt.grandison@bemidjistate.edu>; Kovarik, Angie J <Angie.Kovarik@bemidjistate.edu>; La Venture, Kelly <Kelly.LaVenture@bemidjistate.edu>; Li, Zhe <Zhe.Li@bemidjistate.edu>; Nelson, Peter D <Peter.Nelson@bemidjistate.edu>; Repko, John K <John.Repko@bemidjistate.edu>; Son, Young Seob <YoungSeob.Son@bemidjistate.edu>; Tarmizi, Halbana <Halbana.Tarmizi@bemidjistate.edu>
Hello everyone,

Please look at the mail below. If you have any concerns about this change, please let me know by tomorrow (10/16). If you want to discuss anything, you may do here.

Thank you! Have a good one!

Young

From: Al-Odeh, Mahmoud A <Mahmoud.Al-Odeh@bemidjistate.edu>
Sent: Tuesday, October 15, 2019 12:57 PM
To: Graves, William X <William.Graves@bemidjistate.edu>; Son, Young Seob <YoungSeob.Son@bemidjistate.edu>
Cc: Higgins, Bonnie S <Bonnie.Higgins@bemidjistate.edu>
Subject: Notification of curriculum modification

Dear department chairs Son and Graves-

I’m sending this email to notify you of the proposed curriculum modification in the B.A.S. Applied Management and B.S. in Project Management.

**The TADT faculty is proposing the following:**

2. Drop BUAD 2280 Computer Business Applications (3 credits) from B.S. Project Management

Please let me know if you have any concern,

Thank you,

Mahmoud

Dr. Mahmoud Al-Odeh, PhD, CSSBB, CSSGB, CSTM, CSTP, CQMMR
Associate Professor of Operations and Technology Management
Program Coordinator, Operations and Applied Management
School Of Technology, Art, & Design
Excerpt from Advisory board minutes and Alumni testimony

c. proposed Operations as a stand-alone degree. Possibly as Operations Management with an emphasis in Manufacturing. After graduating with a degree in Project Management with and emphasis in Operations Management and going into supply chain work he has been asked what the relevance of his degree was and has had to point to the content of individual courses beyond the implications of the degree’s name.
   i. He identified these possible course changes:
      1. Adding a Supply Chain course
      2. Combining the 2d and 3d modeling courses
      3. Eliminating ACCT 1101 Principles of Accounting 1
      4. Eliminating BUAD 2280 Computer Business Applications

9. Additional Critical skills were discussed within Applied project management. These included:
   a. Economic Cost analysis
      i. If and intro class is added additional course topics could include:
         1. Value add
         2. In house vs Buy determination
         3. Profit Loss statements
         4. Tariffs (currently a notable industry consideration)
         5. Domestic Vs Overseas comparisons
            a. Considering lead time and conveyance cost
               i. Total cost (TAC vs PUC?)
         6. Risk Assessment
         7. Cost breakdown structure
            a. Raw material cost vs forming and processing costs.