

## UNDERGRADUATE CURRICULUM CHANGE MEMO

**Date:** 17 February 2022

**From:** Bill Tseng, Chair of Industrial, Manufacturing & Systems Eng. Department  
Erik Devos, Associate Dean and Chair, MBA Policy Committee

**Through:** Virgilio Gonzalez, Chair of Curriculum Committee, COE

**Through:** Louis Everett, Associate Dean for Undergraduate Studies, COE

**Through:** Patricia Nava, Interim Dean, COE  
James Payne, Dean, COBA

**To:** Andrew Fleck, Chair of University Curriculum Committee

**Proposal Title:** Fast Track Program for BS in Industrial and Systems Engineering/MBA

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In 2013, the College of Business Administration and the College of Engineering launched a joint degree program for undergraduate students in BS-ISE who were interested in also pursuing an MBA. Last year, Graduate School requested that this joint degree program be converted to the framework of a fast-track program. In the last academic year, the College of Business Administration also made changes to the MBA degree requirements that are relevant to this program because it reduced the total credit hours required for the degree and it changed the accounting core course.

This proposal seeks approval to create a fast-track program for undergraduate students in the IMSE department to obtain a BS degree in their discipline and an MBA degree from the College of Business Administration, with an effective reduction of 15 semester credit hours across the two degree programs. The proposed program has been approved by their respective departments and mirrors the joint degree program that was approved in 2013, except for the total graduate semester credit hours (from 18 SCH to 15 SCH) and the aforementioned changes in the MBA degree program resulting in a total number of 141 undergraduate and graduate credit hours.

Under the proposed BS-ISE/MBA Fast Track, Industrial and Systems Engineering students admitted to this program (a) may apply MBA core coursework for credit toward the requirements of three technical electives in the BS-ISE and (b) may apply credit for up to nine semester credit hours of graduate courses (already approved for fast-track) in Industrial (IE), Manufacturing (MFG) or Systems (SE) Engineering toward the elective requirements of the MBA program. Only graduate level engineering courses will count toward completion of the MBA program.

Students in the fast-track program will be able to use dual credits to reduce their combined SCH to obtain both the BS and MBA degrees with up to 15 fewer SCH hours. Fast-track students will select the number of credit hours to be completed in each graduate program: 1) up to 9 SCH in

MBA core coursework that will count toward completion of the BS-ISE and 6 SCH in graduate Engineering coursework that will count toward completion of the MBA or 2) up to 9 SCH in graduate Engineering coursework that will count toward completion of the MBA and 6 SCH in MBA core coursework that count toward completion of the BS-ISE. The program of study for the Master of Business Administration, which is normally 36 semester hours, would consist of 27 required core semester hours plus up to 9 semester hours of graduate courses in Industrial (IE), Manufacturing (MFG), or Systems (SE) Engineering, in place of MBA electives.

**FAST TRACK APPROVAL PAGE**

**Proposal Title: Fast Track Program for BS in Industrial and Systems Engineering/MBA**

**College: COBA            Department: MBA Program**

**DEPARTMENT CHAIR- Dr. Laura Uribarri, Assistant Dean**

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**I have read the enclosed proposal and approve this proposal on behalf of the department.**

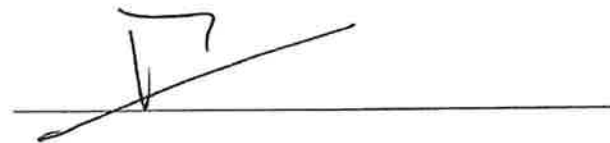
  
Signature

2/22/22  
Date

**COLLEGE CURRICULUM COMMITTEE CHAIR – Dr. Erik Devos, Associate Dean**

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**I have read the enclosed documents and approve the proposal on behalf of the college curriculum committee.**

  
Signature

2/23/22  
Date

**COLLEGE DEAN – Dr. James Payne**

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**I have read the enclosed documents and approve the proposal on behalf of the college. I certify that the necessary funds will be allocated by the college in support of this proposal.**

  
Signature

2/23/22  
Date

College: COEN

Department: Industrial Manufacturing and Systems Engineering

**DEPARTMENT CHAIR- Dr. Bill Tseng**

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I have read the enclosed proposal and approve this proposal on behalf of the department.

  
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Signature

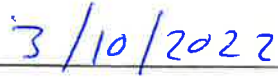
  
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**COLLEGE CURRICULUM COMMITTEE CHAIR – Dr. Virgilio Gonzalez**

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I have read the enclosed documents and approve the proposal on behalf of the college curriculum committee.

  
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Signature

  
\_\_\_\_\_  
Date

**COLLEGE DEAN – Dr. Patricia Nava**

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I have read the enclosed documents and approve the proposal on behalf of the college. I certify that the necessary funds will be allocated by the college in support of this proposal.

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Signature

\_\_\_\_\_  
Date

### Fast-Track Program Request

1. Indicate the undergraduate and graduate academic programs in the college that agree to participate in the dual credit program.
2. Undergraduate students in the program must have successfully completed at least 90 hours of undergraduate coursework toward their major with a minimum of 24 of those hours at UTEP. Also, students must have and maintain the same GPA requirement in the major as for the university honor's certificate, which is an undergraduate GPA equal or greater than 3.30/4.00. Identify additional departmental admission requirements for the program.
3. Each participating undergraduate academic program must determine which 5000 level courses will count toward the undergraduate degree. Likewise, each participating graduate academic program must determine which 5000 level courses will be included in the fast track program.

College: College of Business Administration/College of Engineering

Graduate Degree: MBA Program

Undergraduate Degree: B.S. in Industrial and Systems Engineering

#### Dual Credit Program Admission Requirements:

Minimum GPA (3.30/4.00 or higher): 3.30

Maximum Number of Graduate Credit Hours Allowed (up to 15 hours): 15

Other: Admission to the Professional MBA Program

#### Graduate Course Inventory Approved for Dual Credit

Any MBA required core course (with the exception of MGMT 5335), as approved by the program advisor.

ACCT 5304	Accounting Analysis
MGMT 5311	Organizational Management Seminar
BLAW 5306	Business Law and Ethics
QMB 5311	Quantitative Methods in Business
FIN 5311	Financial Management
ECON 5311	Managerial Economics
MKT 5311	Marketing Management
OSCM 5308	Concepts of Production Management

Any graduate course in Industrial (IE), Manufacturing (MFG) or Systems (SE) Engineering, as approved by the program advisor.