

## UNDERGRADUATE CURRICULUM CHANGE MEMO

**Date:** 1-20-2022

**From:** Dr. Eric Smith, Undergraduate Program Director, IMSE Dept.

**Through:** Dr. Bill Tseng, Chair, IMSE Dept.

**Through:** Dr. VirgilioGonzalez Chair, Curriculum Committee, College of Engineering

**Through:** Dr. Louis Everett, Chair, Associate Dean of UG Studies and Academic Affairs, College of Engineering

**Through:** Dr. Pat Nava, Dean, College of Engineering

**To:** Dr. Andrew Fleck, Chair Undergraduate Curriculum Committee

**Proposal Title:** Curriculum changes: ISE: Industrial & Systems Eng. for Fall 2022 catalog

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IMSE Dept. proposes the following changes to the undergraduate curriculum in the ISE: Industrial & Systems Eng. Fall 2020 catalog degree plan:

- 1) IE 1333 Computational Methods: Remove Dept. Approval.  
**Rationale.** There is no undue registration, so Dept. Approval requirement is not necessary.
- 2) IE 2333 Decision Support Systems: Remove Dept. Approval and Prerequisite of IE 1333.  
**Rationale.** There is no undue registration, so Dept. Approval requirement is not necessary. Prerequisite of IE 1333 not relevant.
- 3) IE 3373 Probability & Statistics: Remove IE 2333 as a prerequisite.  
**Rationale.** Content of IE 2333 is sufficiently independent, and does not need to be a prerequisite.

# CURRICULUM CHANGE PROPOSAL

## APPROVAL PAGE

Proposal Title: Curriculum changes: ISE: Industrial & Systems Eng. for Fall 2020 catalog

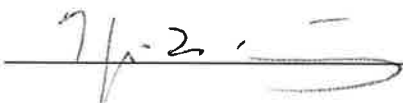
College: Engineering

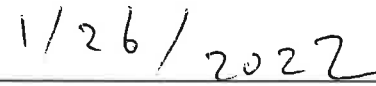
Department: Industrial, Manufacturing & Systems Engineering

### DEPARTMENT CHAIR

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

  
\_\_\_\_\_  
Signature

  
\_\_\_\_\_  
Date

### COLLEGE CURRICULUM COMMITTEE CHAIR

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

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

### COLLEGE DEAN

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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

\_\_\_\_\_  
Date

**From:** [Granda, Virginia D](#)  
**To:** [Rivera, Julie A](#)  
**Subject:** FW: CoE Curriculum Committee proposal for Feb 11  
**Date:** Tuesday, February 22, 2022 8:48:11 AM  
**Attachments:** [image014.png](#)  
[image015.png](#)  
[image016.png](#)  
[image003.png](#)  
[image004.png](#)  
[image005.png](#)  
[image017.png](#)  
[image018.png](#)  
[IMSE-Proposal-IMSE--Industrial-&-Systems-Engr-for-Fall-2022-Catalog.pdf](#)  
[image002.png](#)

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Julie,

Below are the **approvals for the IMSE proposal.**

Best Regards,

Virginia



**Virginia Granda-Becker**  
Coordinator for Undergraduate Studies  
and Academic Affairs

Engineering Edge Center  
ENGR E-201B  
The University of Texas at El Paso  
500 WW. University Ave.  
El Paso, TX 79968  
Office: 915-747-8011  
[www.utep.edu/engineering/eec](http://www.utep.edu/engineering/eec)

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**From:** Granda, Virginia D  
**Sent:** Wednesday, February 9, 2022 8:20 AM  
**To:** Rivera, Julie A <jarivera6@utep.edu>  
**Cc:** Gonzalez, Virgilio <vgonzalez3@utep.edu>; Tseng, Bill <btseng@utep.edu>; Smith, Eric D <esmith2@utep.edu>  
**Subject:** FW: CoE Curriculum Committee proposal for Feb 11

Good morning Julie,

Attached is the UG proposal that has been approved by our college.

Best Regards,

Virginia



**Virginia Granda-Becker**  
Coordinator for Undergraduate Studies  
and Academic Affairs

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**From:** Nava, Patricia A.  
**Sent:** Tuesday, February 8, 2022 5:25 PM  
**To:** Granda, Virginia D <[granda@utep.edu](mailto:granda@utep.edu)>  
**Subject:** RE: CoE Curriculum Committee proposal for Feb 11

Approved.



**Patricia A. Nava, Ph.D.**  
Interim Dean  
Professor of Electrical and Computer Engineering  
El Paso Electric Professor in Education  
UTEP Distinguished Teaching Professor

College of Engineering  
The University of Texas at El Paso  
500 West University Avenue  
El Paso, TX 79968-0521  
Office: 915-747-6917  
Fax: 915-747-5437  
[utep.edu/engineering](http://utep.edu/engineering)



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**From:** Granda, Virginia D  
**Sent:** Tuesday, February 8, 2022 5:05 PM  
**To:** Nava, Patricia A. <[pnav@utep.edu](mailto:pnav@utep.edu)>  
**Subject:** FW: CoE Curriculum Committee proposal for Feb 11

Good afternoon Dr. Nava,

Attached is the UG Proposals that was approved.

Please reply letting me know if you approve it.

Best Regards,

Virginia



**Virginia Granda-Becker**  
Coordinator for Undergraduate Studies  
and Academic Affairs

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**From:** Everett, Louis

**Sent:** Tuesday, February 8, 2022 4:43 PM

**To:** Granda, Virginia D <[granda@utep.edu](mailto:granda@utep.edu)>

**Subject:** RE: CoE Curriculum Committee proposals for Feb 11

I approve these.

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**From:** Granda, Virginia D

**Sent:** Tuesday, February 8, 2022 4:31 PM

**To:** Everett, Louis <[everett@utep.edu](mailto:everett@utep.edu)>

**Subject:** FW: CoE Curriculum Committee proposals for Feb 11

Good afternoon Dr. Everett,

Attached is the UG proposals that was approved by the COECC and its chair.

Please reply letting me know if you approve it.

Best Regards,

Virginia

**Virginia Granda-Becker**  
Coordinator for Undergraduate Studies  
and Academic Affairs



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**From:** Gonzalez, Virgilio  
**Sent:** Tuesday, February 8, 2022 3:03 PM  
**To:** Granda, Virginia D <[granda@utep.edu](mailto:granda@utep.edu)>  
**Cc:** Alvarado, Paulina <[palvarado4@utep.edu](mailto:palvarado4@utep.edu)>  
**Subject:** FW: CoE Curriculum Committee proposals for Feb 11

Hi Virginia,  
Given the committee responses, we can proceed to forward the IMSE proposal .  
Thank you for sending the meeting cancellation.

Thank you very much

Virgilio Gonzalez  
[vgonzalez3@utep.edu](mailto:vgonzalez3@utep.edu)

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**From:** Gonzalez, Virgilio  
**Sent:** Tuesday, February 8, 2022 13:08  
**To:** Mayer, Alex <[amayer2@utep.edu](mailto:amayer2@utep.edu)>; Contreras, Luis Rene <[lcontreras@utep.edu](mailto:lcontreras@utep.edu)>; Cheon, Yoonsik <[ycheon@utep.edu](mailto:ycheon@utep.edu)>; Smith, Shalayna L <[shalaynal@utep.edu](mailto:shalaynal@utep.edu)>; Starks, Scott <[sstarks@utep.edu](mailto:ssstarks@utep.edu)>; Abed, Methaq S <[msabed@utep.edu](mailto:msabed@utep.edu)>  
**Cc:** MacDonald, Eric <[emac@utep.edu](mailto:emac@utep.edu)>; Everett, Louis <[leverett@utep.edu](mailto:leverett@utep.edu)>; Alvarado, Paulina <[palvarado4@utep.edu](mailto:palvarado4@utep.edu)>; Granda, Virginia D <[granda@utep.edu](mailto:granda@utep.edu)>; Smith, Eric D <[esmith2@utep.edu](mailto:esmith2@utep.edu)>  
**Subject:** RE: CoE Curriculum Committee proposals for Feb 11

Thank you all for the responses. The proposal will be approved by email and we should not need to meet this week.  
I wish you a great week.

Virgilio Gonzalez  
[vgonzalez3@utep.edu](mailto:vgonzalez3@utep.edu)

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**From:** Mayer, Alex <[amayer2@utep.edu](mailto:amayer2@utep.edu)>  
**Sent:** Tuesday, February 8, 2022 12:15  
**To:** Contreras, Luis Rene <[lcontreras@utep.edu](mailto:lcontreras@utep.edu)>; Gonzalez, Virgilio <[vgonzalez3@utep.edu](mailto:vgonzalez3@utep.edu)>; Cheon, Yoonsik <[ycheon@utep.edu](mailto:ycheon@utep.edu)>; Smith, Shalayna L <[shalaynal@utep.edu](mailto:shalaynal@utep.edu)>; Starks, Scott <[sstarks@utep.edu](mailto:sstarks@utep.edu)>; Abed, Methaq S <[msabed@utep.edu](mailto:msabed@utep.edu)>  
**Cc:** MacDonald, Eric <[emac@utep.edu](mailto:emac@utep.edu)>; Everett, Louis <[leverett@utep.edu](mailto:leverett@utep.edu)>; Alvarado, Paulina <[palvarado4@utep.edu](mailto:palvarado4@utep.edu)>; Granda, Virginia D <[granda@utep.edu](mailto:granda@utep.edu)>; Smith, Eric D <[esmith2@utep.edu](mailto:esmith2@utep.edu)>  
**Subject:** RE: CoE Curriculum Committee proposals for Feb 11

I approve as well.  
Thanks,  
Alex

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**From:** Contreras, Luis Rene <[lcontreras@utep.edu](mailto:lcontreras@utep.edu)>  
**Sent:** Tuesday, February 8, 2022 11:29 AM  
**To:** Gonzalez, Virgilio <[vgonzalez3@utep.edu](mailto:vgonzalez3@utep.edu)>; Cheon, Yoonsik <[ycheon@utep.edu](mailto:ycheon@utep.edu)>; Smith, Shalayna L <[shalaynal@utep.edu](mailto:shalaynal@utep.edu)>; Starks, Scott <[sstarks@utep.edu](mailto:sstarks@utep.edu)>; Abed, Methaq S <[msabed@utep.edu](mailto:msabed@utep.edu)>; Mayer, Alex <[amayer2@utep.edu](mailto:amayer2@utep.edu)>  
**Cc:** MacDonald, Eric <[emac@utep.edu](mailto:emac@utep.edu)>; Everett, Louis <[leverett@utep.edu](mailto:leverett@utep.edu)>; Alvarado, Paulina <[palvarado4@utep.edu](mailto:palvarado4@utep.edu)>; Granda, Virginia D <[granda@utep.edu](mailto:granda@utep.edu)>; Smith, Eric D <[esmith2@utep.edu](mailto:esmith2@utep.edu)>  
**Subject:** RE: CoE Curriculum Committee proposals for Feb 11

I approve the proposal.

Regards,

Rene

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**From:** Gonzalez, Virgilio <[vgonzalez3@utep.edu](mailto:vgonzalez3@utep.edu)>  
**Sent:** Tuesday, February 8, 2022 10:27 AM  
**To:** Contreras, Luis Rene <[lcontreras@utep.edu](mailto:lcontreras@utep.edu)>; Cheon, Yoonsik <[ycheon@utep.edu](mailto:ycheon@utep.edu)>; Smith, Shalayna L <[shalaynal@utep.edu](mailto:shalaynal@utep.edu)>; Starks, Scott <[sstarks@utep.edu](mailto:sstarks@utep.edu)>; Abed, Methaq S <[msabed@utep.edu](mailto:msabed@utep.edu)>; Mayer, Alex <[amayer2@utep.edu](mailto:amayer2@utep.edu)>  
**Cc:** MacDonald, Eric <[emac@utep.edu](mailto:emac@utep.edu)>; Everett, Louis <[leverett@utep.edu](mailto:leverett@utep.edu)>; Alvarado, Paulina <[palvarado4@utep.edu](mailto:palvarado4@utep.edu)>; Granda, Virginia D <[granda@utep.edu](mailto:granda@utep.edu)>; Smith, Eric D <[esmith2@utep.edu](mailto:esmith2@utep.edu)>  
**Subject:** CoE Curriculum Committee proposals for Feb 11

Dear Curriculum Committee members.

For our February meeting there is only one proposal for small changes in the Industrial Engineering undergraduate program. I am including the support files. I am also including the minutes from our last meeting.

I propose to review, and if there are no objections, approve them via email.

Please let us know if you have any objection, otherwise we will cancel the regular meeting and just wait for your vote.

Thank you very much



**Virgilio Gonzalez, Ph.D.**

Associate Chair

E-mail: [vgonzalez3@utep.edu](mailto:vgonzalez3@utep.edu)

Electrical and Computer Engineering Department

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# COURSE CHANGE FORM

All fields below are required

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College : Engineering                      Department : Industrial, Manufacturing & Systems Eng

Rationale for changing the course:  
Dept. Approval no longer relevant, so removed.

All fields below are required

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Subject Prefix and number IE 1333

Course Title Computational Methods

Change	From	To
Ex. Prerequisite	Ex. POLS 2310	Ex. POLS 2312
Department Approval	Required	None

These changes will be reflected in Banner, Goldmine, and the catalog

# COURSE CHANGE FORM

All fields below are required

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College : Engineering

Department : Industrial, Manufacturing & Systems Eng

Rationale for changing the course:

Prerequisite and Dept. Approval no longer relevant, so removed.

All fields below are required

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Subject Prefix and number IE 2333

Course Title Decision Support Systems

Change	From	To
Ex. Prerequisite	Ex. POLS 2310	Ex. POLS 2312
Prerequisite	IE 1333	None
Department Approval	Required	None

These changes will be reflected in Banner, Goldmine, and the catalog

# COURSE CHANGE FORM

All fields below are required

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College : Engineering

Department : Industrial, Manufacturing & Systems Eng

Rationale for changing the course:

Prerequisite no longer relevant, so removed.

All fields below are required

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Subject Prefix and number IE 3373

Course Title Probability & Statistics

Change	From	To
Ex. Prerequisite	Ex. POLS 2310	Ex. POLS 2312
Prerequisite	MATH 2313 w/C or better) OR (MATH 2326 w/C or better) AND (IE 2333 w/C or better)	MATH 2313 w/C or better) OR (MATH 2326 w/C or better) AND

These changes will be reflected in Banner, Goldmine, and the catalog