# UNDERGRADUATE CURRICULUM CHANGE MEMO

Date:           3/4/2022

From:           Dr. Salamah Salamah, Chair of Department Dept. of Computer Science

Through:        Virgilio Gonzalez, Chair of Curriculum Committee, College of Engineering

Through:        Louis Everett, Associate Dean for Academic Affairs and
                Undergraduate Studies, College of Engineering

Through:        Patricia Nava, Interim Dean, College of Engineering

To:             Andrew Fleck, Chair of University Curriculum Committee

Proposal Title:  Computer Science course prerequisites update

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The Department of Computer Science department proposes updates for the courses CS 1320 and CS 2101

**Rationale.**
Many of the students taking CS 2101 are calculus ready, but didn't take MATH 1508 at UTEP. The department encourages students to take CS 2101 together with CS 1301/1101, so the prerequisites should coincide.

Many of the students taking CS 1320 are calculus ready, but didn't take MATH 1508 at UTEP. We are proposing prerequisite changes for CS 2101, and it makes sense to have the same list of prerequisites for both courses.

# CURRICULUM CHANGE PROPOSAL

## APPROVAL PAGE

Proposal Title: Computer Science courses prerequisites updates

College:   Engineering          Department: Computer Science

## DEPARTMENT CHAIR

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

_____          _____

Signature                                                      Date


## COLLEGE CURRICULUM COMMITTEE CHAIR

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

_____          _____

Signature                                                      Date


## COLLEGE DEAN

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

Sorry I have been busy with students.

Here is her approval.

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

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**From:** Nava, Patricia A.  
**Sent:** Tuesday, April 5, 2022 10:51 AM  
**To:** Granda, Virginia D <granda@utep.edu>  
**Subject:** RE: COECC proposal

This is approved.

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**From:** Granda, Virginia D  
**Sent:** Tuesday, March 29, 2022 10:53 AM  
**To:** Nava, Patricia A. <pnava@utep.edu>  
**Subject:** RE: COECC proposal

Good morning Dr. Nava,

Attached is the updated UG CS proposal.

Please let me know if you approve the proposal.

Best Regards,

Virginia

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

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Dr. Nava,

I am in a meeting.

Yes, I sent an email to Dr. Longpre about it and he has not yet replied.

Best Regards,

Virginia

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

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**From:** Nava, Patricia A.
**Sent:** Thursday, March 24, 2022 1:33 PM
**To:** Granda, Virginia D <granda@utep.edu>
**Subject:** RE: COECC proposal

Virginia,

Do you have time for a quick call? The proposal, first part (prereq changes to CS1320) is not making sense to me...

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**From:** Granda, Virginia D
**Sent:** Tuesday, March 22, 2022 1:20 PM
**To:** Nava, Patricia A. <pnava@utep.edu>
**Subject:** FW: COECC proposal

Good afternoon Dr. Nava,

Would you please review the attached UG proposal.

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, March 22, 2022 11:59 AM
**To:** Granda, Virginia D <granda@utep.edu>
**Subject:** RE: COECC proposal

I approve this document.

**From:** Granda, Virginia D
**Sent:** Tuesday, March 22, 2022 11:48 AM
**To:** Everett, Louis <leverett@utep.edu>
**Subject:** FW: COECC proposal

Dr. Everett,

Attached is the CS proposal that was approved by our 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:** Friday, March 11, 2022 12:28 PM
**To:** Alvarado, Paulina <palvarado4@utep.edu>
**Cc:** Granda, Virginia D <granda@utep.edu>
**Subject:** IMSE FT-MBA documents

Hi Paulina, attached are the signed forms for both, UG and Grad documents for the IMSE Fast Track.

Virginia, we have enough votes to also approve the CS proposal for UG.

Please let me know if you need anything else.
Thank you

Virgilio Gonzalez
vgonzalez3@utep.edu

**From:** Salamah, Salamah I
**Sent:** Monday, March 21, 2022 8:21 AM
**To:** Longpre, Luc <longpre@utep.edu>
**Cc:** Fong, Maria <mdchee@utep.edu>; Granda, Virginia D <granda@utep.edu>
**Subject:** RE: COECC proposal

I approve! Signed documents are attached!

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Salamah Salamah, Ph.D.
Associate Professor, Chair, Computer Science Department
AT&T Distinguished Professorship
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www.cs.utep.edu/isalamah
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**From:** Longpre, Luc <longpre@utep.edu>
**Sent:** Friday, March 18, 2022 8:56 AM
**To:** Salamah, Salamah I <isalamah@utep.edu>
**Cc:** Fong, Maria <mdchee@utep.edu>
**Subject:** FW: COECC proposal

The proposal was approved by the College Curriculum Committee.

Could you send the signed memo and approval page to Virginia?

Thanks.

# COURSE CHANGE FORM

## All fields below are required

College : ENGINEERING        Department : COMPUTER SCIENCE

Rationale for changing the course:
Many of the students taking CS 1320 are calculus ready, but didn't take MATH 1508 at UTEP. We are proposing prerequisite changes for CS 2101, and it makes sense to have the same list of prerequisites for both courses.

## All fields below are required

Subject Prefix and number CS 1320

Course Title  Computer Programming Sci/Engr

| Change | From | To |
|---|---|---|
| Ex. Prerequisite | Ex. POLS 2310 | Ex. POLS 2312 |
| Prerequisite | ( Course or Test: MATH 1508<br>Minimum Grade of C<br>May not be taken concurrently. )<br>or<br>( Course or Test: MATH 1411<br>Minimum Grade of C<br>May not be taken concurrently. )<br>or<br>( Course or Test: MATH 2301<br>Minimum Grade of C<br>May not be taken concurrently. )<br>or<br>( BANM 4 to 5<br>May not be taken concurrently. )<br>or<br>( ACCL 81 to 120<br>May not be taken concurrently.<br>and<br>BANM 4 to 5<br>May not be taken concurrently. )<br>or<br>( EPCM 81 to 120<br>May not be taken concurrently.<br>and<br>BANM 4 to 5<br>May not be taken concurrently. )<br>or | ( Course or Test: MATH 1508<br>Minimum Grade of C<br>May not be taken concurrently. )<br>or<br>( Course or Test: MATH 1310<br>Minimum Grade of C<br>May not be taken concurrently. )<br>or<br>( Course or Test: MATH 2301<br>Minimum Grade of C<br>May not be taken concurrently. )<br>or<br>( Course or Test: MATH 1411<br>Minimum Grade of C<br>May be taken concurrently. )<br>or<br>( Course or Test: MATH 1312<br>Minimum Grade of C<br>May be taken concurrently. )<br>or<br>( Course or Test: MATH 2326<br>Minimum Grade of C<br>May be taken concurrently. )<br>or<br>( Course or Test: MATH 2313<br>Minimum Grade of C<br>May be taken concurrently. ) |

| | | |
|---|---|---|
| | ( Course or Test: MATH 1411A<br>Minimum Grade of C<br>May not be taken concurrently.<br>and | |
| | Course or Test: MATH 1411B<br>Minimum Grade of C<br>May not be taken concurrently.<br>and<br>Course or Test: MATH 1411C<br>Minimum Grade of C<br>May not be taken concurrently. )<br>or<br>( Course or Test: MATH 1508A<br>Minimum Grade of C<br>May not be taken concurrently.<br>and<br>Course or Test: MATH 1508B<br>Minimum Grade of C<br>May not be taken concurrently.<br>and<br>Course or Test: MATH 1508C<br>Minimum Grade of C<br>May not be taken concurrently. )<br>or<br>( SXDG 1<br>May not be taken concurrently. )<br>or<br>( SXMA 1<br>May not be taken concurrently. )<br>or<br>( SXMN 1<br>May not be taken concurrently. )<br>or<br>( SXOI 1<br>May not be taken concurrently. )<br>or | (Math placement tests as<br>required by the institution) |
| | ( SXTR 1<br>May not be taken concurrently. )<br>or<br>( Course or Test: MATH 1310<br>Minimum Grade of C<br>May not be taken concurrently. ) | |
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These changes will be reflected in Banner, Goldmine, and the catalog

# COURSE CHANGE FORM

## All fields below are required

College : ENGINEERING        Department : COMPUTER SCIENCE

Rationale for changing the course:
Many of the students taking CS 2101 are calculus ready, but didn't take MATH 1508 at UTEP.
The department encourages students to take CS 2101 together with CS 1301/1101, so the
prerequisites should coincide.

## All fields below are required

Subject Prefix and number CS 2101

Course Title  Discrete Structures I

| Change | From | To |
|---|---|---|
| Ex. Prerequisite | Ex. POLS 2310 | Ex. POLS 2312 |
| Prerequisite | (MATH 1508 w/C or better) | ( Course or Test: MATH 1508 Minimum Grade of C May not be taken concurrently. ) or ( Course or Test: MATH 1310 Minimum Grade of C May not be taken concurrently. ) or ( Course or Test: MATH 2301 Minimum Grade of C May not be taken concurrently. ) or ( Course or Test: MATH 1411 Minimum Grade of C May be taken concurrently. ) or ( Course or Test: MATH 1312 Minimum Grade of C May be taken concurrently. ) or ( Course or Test: MATH 2326 Minimum Grade of C May be taken concurrently. ) or ( Course or Test: MATH 2313 Minimum Grade of C May be taken concurrently. ) |

|  |  | (Math placement tests as required by the institution) |
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These changes will be reflected in Banner, Goldmine, and the catalog