

UNDERGRADUATE CURRICULUM CHANGE MEMO

Date: 10/9/2020

From: Luc Longpré, Undergraduate Program Director, Computer Science

Through: Dr. Salamah Salamah, Chair, Dept. of Computer Science Dr. Salamah Salamah

Through: Dr. Louis Everett, Chair, Curriculum Committee, College of Engineering

Through: Dr. Norman Love, Associate Dean for Academic Affairs and Undergraduate Studies, College of Engineering

Through: Dr. Patricia Nava, Interim Dean, College of Engineering

To: Dr. Art Duval, Chair, Undergraduate Curriculum Committee

Digitally signed by Dr. Salamah Salamah
DN: cn=Dr. Salamah Salamah, o=UTEP,
ou=Computer Science,
email=hsalamah@utep.edu, c=US
Date: 2020.10.14 12:00:16 -0600

Proposal Title: Computer Science curriculum changes for the Fall 2021 catalog

The Department of Computer Science proposes the following changes to the Undergraduate Curriculum and to the Bachelor of Science in Computer Science degree plan:

- 1) The department proposes to modify the course prerequisite for CS 4374, Software Construction.

Rationale. Software Construction includes several knowledge and skills dependencies that students gain in CS 3331. The dependencies include, knowledge of fundamental UML modeling notations, knowledge of advanced Object Oriented concepts, code refactoring, code documentation skills using frameworks such as JavaDoc, and translation of designs into implementations.

- 2) The department proposes to modify the course classification for CS 3331, Adv. Object-Oriented Programming

Rationale. Some students are ready to take the CS 3331 course slightly before they reach junior status. Whether the student is ready will be decided through advising instead.

CURRICULUM CHANGE PROPOSAL

APPROVAL PAGE

Proposal Title: Computer Science curriculum changes for the Fall 2021 catalog

College: Engineering

Department: Computer Science

DEPARTMENT CHAIR

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

Dr. Salamah
Salamah

Digitally signed by Dr. Salamah Salamah
DN: cn=Dr. Salamah Salamah, o=UTEP,
ou=Computer Science,
email=ssalamah@utep.edu, c=US
Date: 2020.10.14 12:00:53 -06'00'

10/14/2020

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

From: [Granda, Virginia D](#)
To: [Rivera, Julie A](#)
Cc: [Nava, Patricia A.](#); [Love, Norman D](#); [Everett, Louis](#); [Salamah, Salamah I](#); [Longpre, Luc](#)
Subject: FW: UG CS Proposals Approved by COECC on October 16
Date: Wednesday, October 21, 2020 9:52:33 AM
Attachments: [CS-UG-Proposal--Changes-to-Fall-2021-Catalog.pdf](#)
[image027.png](#)
[image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)
[image006.png](#)
[image028.png](#)
[image029.png](#)
[image030.png](#)
[image031.png](#)
[image007.png](#)

Good morning Julie,

I hope your week is going well.

Attached is the approved UG CS Proposal that we would to include in the next UGCC meeting.

See below for the chain of approvals.

Best Regards,

Virginia



Virginia Granda-Becker

Coordinator for Academic Affairs and Undergraduate Studies

College of Engineering
The University of Texas at El Paso
500 W. University Ave
El Paso, TX 79968
Office: (915) 747-8011
www.utep.edu/engineering/eec

From: Nava, Patricia A.
Sent: Wednesday, October 21, 2020 9:45 AM
To: Love, Norman D <ndlove@utep.edu>; Granda, Virginia D <granda@utep.edu>
Subject: RE: UG Proposals Approved by COECC on October 16

Virginia,

I approve of the attached proposals, one from CS and one from E-LEAD.

PN



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



From: Love, Norman D
Sent: Monday, October 19, 2020 8:57 AM
To: Granda, Virginia D <granda@utep.edu>
Cc: Nava, Patricia A. <pnav@utep.edu>
Subject: FW: UG Proposals Approved by COECC on October 16

Hi Virginia,

I approve of the 2 attached proposals from CS and E-LEAD. I am forwarding the proposals to Dr. Nava for her review.



Norman Love, Ph.D.

Associate Dean for Academic Affairs and Undergraduate Studies
Professor of Mechanical Engineering
Provost's Faculty Fellow, University Honors Program

College of Engineering
The University of Texas at El Paso
500 W. University Ave.
El Paso, TX 79968-0521
Office: 915-747-8981
Fax: 915-747-5437
utep.edu/engineering/eec/index.html



From: "Granda, Virginia D" <granda@utep.edu>
Date: Friday, October 16, 2020 at 4:52 PM
To: Norman Love <ndlove@utep.edu>
Subject: FW: UG Proposals Approved by COECC on October 16

Good afternoon Dr. Love,

Attached are two of the three UG proposals that have been approved by our COECC and its chair.

Can you please reply letting me know if you approve them as well?

I will send you the last proposal once the corrected version has been submitted and Dr. Everett has approved it.

Best Regards,

Virginia



Virginia Granda-Becker
Coordinator for Academic Affairs and Undergraduate Studies

College of Engineering
The University of Texas at El Paso
500 W. University Ave
El Paso, TX 79968
Office: (915) 747-8011
www.utep.edu/engineering/eec

From: Everett, Louis
Sent: Friday, October 16, 2020 4:39 PM
To: Granda, Virginia D <granda@utep.edu>
Subject: FW: UG Proposals Approved by COECC on October 16

These look good. I approve them.

From: Granda, Virginia D <granda@utep.edu>
Sent: Friday, October 16, 2020 4:20 PM
To: Everett, Louis <leverett@utep.edu>
Subject: UG Proposals Approved by COECC on October 16

Dr. Everett,

I am attaching two of the three UG proposals that were approved today by our COECC committee.

Please let me know if the proposals have your approval to move forward.

I will be sending you the last proposal once I receive it with the corrections.

Best Regards,

Virginia



Virginia Granda-Becker

Coordinator for Academic Affairs and Undergraduate Studies

College of Engineering
The University of Texas at El Paso
500 W. University Ave
El Paso, TX 79968
Office: (915) 747-8011
www.utep.edu/engineering/eec

COURSE CHANGE FORM

All fields below are required

College : ENGINEERING

Department : COMPUTER SCIENCE

Rationale for changing the course:

Requesting to change CS 4374 Software Construction course prerequisites from CS 2302 Data Structures to CS 3331 Advanced Object Oriented Programming.

Rationale:

Software Construction includes several knowledge and skills dependencies that students gain in CS 3331. The dependencies include, knowledge of fundamental UML modeling notations, knowledge of advanced Object Oriented concepts, code refactoring, code documentation skills using frameworks such as JavaDoc, and translation of designs into implementations.

All fields below are required

Subject Prefix and number CS 4374

Course Title Software Construction

Change	From	To
Ex. Prerequisite	Ex. POLS 2310	Ex. POLS 2312
Prerequisites	(MATH 2300 w/C or better OR CS 2202 w/C or better) AND (CS 2302 w/C or better)	CS 3331

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:

Some students are ready to take the CS 3331 course slightly before they reach junior status. Whether the student is ready will be decided through advising instead.

All fields below are required

Subject Prefix and number CS 3331

Course Title Adv. Object-Oriented Programng

Change	From	To
Ex. Prerequisite	Ex. POLS 2310	Ex. POLS 2312
Classification restriction	Junior/senior	none

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