UNDERGRADUATE CURRICULUM CHANGE MEMO

Date: **March 10, 2021**

From: **Dr. Luc Longpré, Undergraduate Program Director, Computer Science**

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

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**

Proposal Title: Computer Science Database Management course description update

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The Department of Computer Science proposes the following change to the CS 4342 Database Management course description.

Rationale. In Fall 2018, the CS 4342 Database management became required in the B.S. in Computer Science degree plan. In that process, the department updated the course description and course outcomes. Somewhat, the course description was not updated in the UTEP catalog.

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=isalamah@utep.edu, c=US
Date: 2021.03.18 08:53:02 -07'00'

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: Everett, Louis; Love, Norman D
Subject: RE: UG Proposals Approved by COECC on March 19, 2021
Date: Monday, March 22, 2021 11:08:09 AM
Attachments: CS-Course-Description-Update-CS-4342.pdf
ECE--Course Revision-EE 4384.pdf
ECE--Course-Add-EE4377.pdf
image009.png
image010.png
image011.png
image012.png
image013.png
image014.png
image015.png
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image017.png
image018.png
image019.png
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Dear Julie,

Please find the UG Proposals that have been approved by our college (excluding the BSCS/MBA, BSISE/MBA that were sent to COBA).

Let us know when they will be discussed by the UGCC.

Have a great week,

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: Friday, March 19, 2021 7:27 PM
To: Love, Norman D <ndlove@utep.edu>
Cc: Granda, Virginia D <granda@utep.edu>
Subject: RE: UG Proposals Approved by COECC on March 19, 2021

Dear Dr. Love,

I have reviewed, and I approve.

PN

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

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500 West University Avenue
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From: Love, Norman D
Sent: Friday, March 19, 2021 4:17 PM
To: Nava, Patricia A. <pnava@utep.edu>
Cc: Granda, Virginia D <granda@utep.edu>
Subject: FW: UG Proposals Approved by COECC on March 19, 2021

Dear Dr. Nava,

I approve of these proposals.

I'm forwarding to you for your review.

Regards,

Norman

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

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utep.edu/engineering/eec/index.html

From: "Granda, Virginia D" <granda@utep.edu>
Date: Friday, March 19, 2021 at 4:02 PM
To: Norman Love <ndlove@utep.edu>
Subject: FW: UG Proposals Approved by COECC on March 19, 2021

Good afternoon Dr. Love,

Please find attached the UG proposals that were approved by our COECC and its chair.

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

If you would, can you please forward them to the Dean for her approval?

Best Regards,

Virginia

Virginia Granda-Becker
Coordinator for Academic Affairs and Undergraduate Studies

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From: Everett, Louis
Sent: Friday, March 19, 2021 3:01 PM
To: Granda, Virginia D <granda@utep.edu>
Subject: RE: UG Proposals Approved by COECC on March 19, 2021

Yes I approve all these.

From: Granda, Virginia D <granda@utep.edu>
Sent: Friday, March 19, 2021 2:20 PM
To: Everett, Louis <leverett@utep.edu>
Subject: UG Proposals Approved by COECC on March 19, 2021

Good afternoon Dr. Everett,

Attached are the UG proposals that were approved by our COECC today.

Please reply if you approve these proposals as the COECC chair.

Best Regards,

Virginia

Virginia Granda-Becker
Coordinator for Academic Affairs and Undergraduate Studies

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COURSE CHANGE FORM

All fields below are required

College : ENGINEERING **Department : COMPUTER SCIENCE**

Rationale for changing the course:
In Fall 2018, the CS 4342 Data Base management became required in the B.S. in Computer Science degree plan. In that process, the department updated the course description and course outcomes. Somewhat, the course description was not updated in the UTEP catalog.

All fields below are required

Subject Prefix and number CS 4342

Course Title Data Base Management

Change	From	To
Ex. Prerequisite	**Ex. POLS 2310**	**Ex. POLS 2312**
Course Description	Introduction to data base concepts, hierarchical, network and relational data models, data description and query languages, file and index organization, and file security and integrity.	Introduction to database fundamentals, modeling, the use of database management systems for applications, and current trends for data management including: relational algebra, entity-relationship models, relational data models, semi-structured data models, schema design, query processing, data integrity, privacy, security and data analytics.

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