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

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.
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

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
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

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Dear Dr. Love,

I have reviewed, and I approve.
Dear Dr. Nava,

I approve of these proposals.

I’m forwarding to you for your review.

Regards,

Norman
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

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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.

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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
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

<table>
<thead>
<tr>
<th>Change</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ex. Prerequisite</td>
<td>Ex. POLS 2310</td>
<td>Ex. POLS 2312</td>
</tr>
<tr>
<td>Course Description</td>
<td>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.</td>
<td>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.</td>
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</table>
These changes will be reflected in Banner, Goldmine, and the catalog