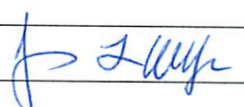


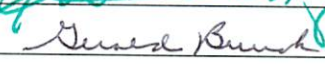
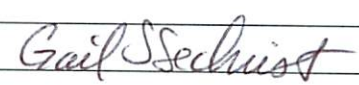


LSC Use Only No:	LSC Action-Date:	UWUCC USE Only No.	UWUCC Action-Date:	Senate Action Date:
07-16t.			P-10/2/07 App-10/2/07	Info.-12/4/07

Curriculum Proposal Cover Sheet - University-Wide Undergraduate Curriculum Committee

Contact Person	Sanwar Ali	Email Address	sanwar@iup.edu
Proposing Department/Unit	Computer Science Department	Phone	7-7994

Check all appropriate lines and complete information as requested. Use a separate cover sheet for each course proposal and for each program proposal.

1. Course Proposals (check all that apply)		
<input type="checkbox"/> New Course	<input type="checkbox"/> Course Prefix Change	<input type="checkbox"/> Course Deletion
<input type="checkbox"/> Course Revision	<input type="checkbox"/> Course Number and/or Title Change	<input checked="" type="checkbox"/> Catalog Description Change
COSC 341 Introduction to Database Management Systems		
<u>Current</u> Course prefix, number and full title		<u>Proposed</u> course prefix, number and full title, if changing
2. Additional Course Designations: check if appropriate		
<input type="checkbox"/> This course is also proposed as a Liberal Studies Course.	<input type="checkbox"/> Other: (e.g., Women's Studies, Pan-African)	
<input type="checkbox"/> This course is also proposed as an Honors College Course.		
3. Program Proposals		
<input type="checkbox"/> New Degree Program	<input type="checkbox"/> Program Title Change	<input type="checkbox"/> Program Revision
<input type="checkbox"/> New Minor Program	<input type="checkbox"/> New Track	<input type="checkbox"/> Other
<u>Current</u> program name		<u>Proposed</u> program name, if changing
4. Approvals		
Department Curriculum Committee Chair(s)		Date 5 Dec 06
Department Chair(s)		12/7/06
College Curriculum Committee Chair		03/26/07
College Dean		9/26/07
Director of Liberal Studies *		
Director of Honors College *		
Provost *		
Additional signatures as appropriate: (include title)		
UWUCC Co-Chairs		10/2/07

* where applicable

Received

SEP 25 2007

Liberal Studies

Part II Description of Curriculum Change

1. A complete catalog description including the course name, class and lab hour designation, number of credits, the prerequisites, and the new course description.

COSC 341 Introduction to Database Management Systems

3c-01-3cr

Prerequisites: *COSC 110 or instructor permission*

A study of database concepts. A detailed study of information concepts and the realization of those concepts using the relational data model. Practical experience gained designing and constructing data models and using SQL to interface to both multi-user DBMS packages and to desktop DBMS packages.

2. A listing of the proposed change including the complete old catalog description.

COSC 341 Introduction to Database Management Systems

3c-01-3cr

Prerequisites: COSC 220 (or equivalent) and 310 or instructor permission

A study of database concepts. A detailed study of information concepts and the realization of those concepts using the relational data model. Practical experience gained designing and constructing data models and using SQL to interface to both multi-user DBMS packages and to desktop DBMS packages.

3. Justification/rationale for the change.

Database Management Systems have evolved to the point that storage structures (external data structures) are well hidden. Algorithms no longer need to navigate data structures thus the removal of COSC 310. COSC 310 has been replaced by COSC 110 in which students learn enough programming skills.

The database technology has matured to a point where the knowledge of the topics covered in COSC 220 (Cobol) is no longer required in order to study database systems. The database language SQL is used in COSC 341 rather than Cobol. As such, the prerequisite of COSC 220 has been removed.

Part III. Letters of Support or Acknowledgement

Not applicable