Union County College
Faculty Curriculum Committee

Program Revision Form

To all faculty members seeking to modify an existing program (including degree and certificate programs and options to existing programs) to the Curriculum Committee, please make sure the following items have been met before submitting your program revision proposal. For all revised programs, **please submit an electronic copy of your proposal to the Curriculum Committee Chair, with a copy to the New Course/New Program Subcommittee Chair.** All program revisions proposals must follow these guidelines. If these guidelines are not followed completely, your program revision proposal may be delayed in the acceptance process. **Please refer to the Curriculum Committee website for all deadlines**.

Please Note:

a) These guidelines for submitting program revision proposals to the New Course/New Program Subcommittee were taken from the Union County College Curriculum Committee By-laws found on the committee's web page.

b) Faculty members who seek to revise an existing program must first consult with all departments (including Library and IT) affected by the proposed program revisions.

c) A program revision proposal must be approved by the Department, the New Course/New Program Subcommittee, the Curriculum Committee, the Faculty at one of the scheduled Faculty meetings, and the VP for Academic Affairs.

d) This form must be submitted to the New Course/New Program Subcommittee Chair with your program revisions proposal.

e) All submissions must be in electronic format.

Union County College
Faculty Curriculum Committee

Program Revision Form

PART I

ORIGINATOR(S): P. Rodihan	DATE: October 7, 2013
DEPARTMENT CHAIR: P. Belmonte	
REVISED PROGRAM TITLE AND DEGREE: Computer Information Systems & Technology	
PROPOSED STARTING DATE: September 2014	

Part II

A. TYPE OF CHANGE PROPOSED: Check the appropriate item(s) and complete only the sections(s) applicable to your proposal.	
☒Total Credits	☐Recommended Elective(s)
☐Degree Type	☐ Program Name
☒Addition of Required Course(s)	☒ Catalog Description
☒Deletion of Required Course(s)	☒Recommended Sequence
B. TOTAL CREDITS	
Current Total Credits: 62-64	
Recommended Total Credits: 61	
Rationale to Support Change: Students are given choices for general education electives	
C. DEGREE TYPE	
Current Degree Type:	

Recommended Degree Type:
Rationale to Support Change:

D. ADDITION OF REQUIRED COURSE(S)

Recommended Course Requirement: Humanities Gen Ed, Humanities Gen Ed, Social Science Gen Ed
Rationale to Support Change: Give students a choice

E. DELETION OF REQUIRED COURSE(S)

Recommended Course Deletion: HIS 101 or Modern Language, HIS 102 or Modern Language, PSY 101 201,   ECO 201 OR ECO 202
Rationale to Support Change: Give students choice

F. ELECTIVE(S)

Current Elective(s):
Recommended Elective(s):
Rationale to Support Change:

G. PROGRAM NAME

Current Name:
Recommended Name:
Rationale to Support Change:

H. CATALOG DESCRIPTION

Current Description: Only changing Program Learning Outcomes

Recommended Description:

- Create an efficient normalized database and manipulate it using structured query language given a set of specifications
- Identify and analyze user needs and take them into account in the selection, creation, evaluation, documentation, and administration of computer-based systems.
- Utilize critical thinking and current technology to effectively integrate IT-based solutions into the user environment
- Discuss the ethical and social responsibilities necessary for IT businesses and organizations.
- Use written, oral and electronic formats to effectively and professionally communicate to diverse multicultural audiences with a business environment

Rationale to Support Change:

I. RECOMMENDED SEQUENCE

Current Recommended Sequence:

RECOMMENDED SEQUENCE

FIRST YEAR

Course#	Course	Lec.	Lab	Cr.
Fall Semester				
ACC 103	Accounting I	4		4
BUS 105	Organization & Management	3		3
CIS 100	Intro to Computer Applications	2	2	3
ENG 101	English Comp I	3		3
HIS 101	Western Civilization I **OR**			
	Modern Language	3		3
				16
Spring Semester				
CIS 101	Intro to Information Systems	2	2	3
CIS 116	Access	2	2	3
ENG 102	English Comp II	3		3
HIS 102	Western Civilization II **OR**			
	Modern Language			3
PSY 101	General Psychology	3		3
				15

SECOND YEAR

Course#	Course	Lec.	Lab	Cr.
Fall Semester				
BUS 201	Business Law I	3		3
CIS 204	Database Management	2	2	3
Elective	Laboratory Science			4
ENG	English***			3
MAT	Mathematics**			3-4
				16-17
Spring Semester				
CIS 202	Structured Systems Analysis	3	1	3
ECO 201	Economics I **or**			
ECO 202	Economics II	3		3
Humanities	Gen Ed Requirement	3		3
MAT	Mathematics**			3-4
CIS/CSC	Elective	3		3
				15-16

Total Program Credits: 62-64

** See program coordinator for appropriate mathematics course.

*** ENG 122, ENG 128 or ENG 129

Proposed Sequence

**Computer Information Systems & Technology
Associate in Science Degree**

**First Year
Fall**

ACC 103	Accounting I	4
BUS 105	Organization & Management	3
CIS 100	Intro to Computer Applications	3
ENG 101	English Composition I	3
Humanities	General Education Req.	3
		16

Spring

CIS 101	Intro to Information Systems	3
CIS 116	Access	3
ENG 102	English Composition II	3
Humanities	General Education Requirement	3
Social Science	General Education Requirement	3
		15

**Second Year
Fall**

BUS 201	Business Law I	3
CIS 204	Database Management	3
Lab Science	General Education Requirement	4
ENG	ENG*	3
Mathematics	4 credit General Education Requirement**	4
		17

Spring

CIS 202	Structured Systems Analysis & Design	3
Social Science	General Education Requirement	3
MAT	Requirement**	3-4
Elective	CIS/CSC	3
		12-13

Total Credits 60-61

* ENG 122, ENG 128, OR ENG 129

**Transfer students should consult with transfer institution

Rationale to Support Change:

More logical progression

Part III

REQUIRED ATTACHMENTS:

☒ Department Approval. Attach email from department chair indicating department review and approval of the program revision proposal.

☒ Degree Requirements. **Not required for program name or catalog description changes.** Provide an outline of the curriculum, semester by semester, including a list of the proposed courses and credits per course, including lecture and lab hours. Indicate the total number of credits in the degree program.

☒ Program Review Grid. **Not required for program name, catalog description, or recommended sequence changes.** Provide a Program Review Grid for the applicable degree (see Curriculum Committee website) that follows the state requirements for General Education. The Program Review Grid must clearly show the courses offered with accompanying credit in each of the General Education Categories: Communications; the Social Sciences; Mathematics, Science, & Technology; and Humanities. The Program Review Grid must also indicate how the diversity course requirement is met.

Review/Approval for   Computer Information Systems and Technology
<p style="text-align:center">(Title of Program)</p>

APPROVALS:

_____   _____
NEW COURSE/PROGRAM SUB-COMM.CHAIR   **DATE**

_____   _____
CURRICULUM COMMITTEE CHAIR   **DATE**

_____   _____
FACULTY CHAIR   **DATE**

_____   _____
VP FOR ACADEMIC AFFAIRS   **DATE**

RECEIVED:

_____   _____
REGISTRAR   **DATE**

_____   _____
ASSISTANT VP FOR ACADEMIC AFFAIRS   **DATE**

After all reviews/approvals have been completed, please return a copy of the completed signed form to Curriculum Committee Chair.

COMPUTER INFORMATION SYSTEMS & TECHNOLOGY
Associate in Science Degree

First Year
Fall

ACC 103	Accounting I	4
BUS 105	Organization & Management	3
CIS 100	Intro to Computer Applications	3
ENG 101	English Composition I	3
Humanities	General Education Req.	3
		16

Spring

CIS 101	Intro to Information Systems	3
CIS 116	Access	3
ENG 102	English Composition II	3
Humanities	General Education Requirement	3
Social Science	General Education Requirement	3
		15

Second Year
Fall

BUS 201	Business Law I	3
CIS 204	Database Management	3
Lab Science	General Education Requirement	4
ENG	ENG*	3
Mathematics	4 credit General Education Requirement**	4
		17

Spring

CIS 202	Structured Systems Analysis & Design	3
Social Science	General Education Requirement	3
MAT	General Education Requirement**	3-4
Elective	CIS/CSC	3
		12-13

Totals   **60-61**

* ENG 122, ENG 128, OR ENG 129
**Transfer students should consult with transfer institution

Computer Information Systems and Technology A.S. Program Learning Outcomes

- Create an efficient normalized database and manipulate it using structured query language given a set of specifications
- Identify and analyze user needs and take them into account in the selection, creation, evaluation, documentation, and administration of computer-based systems.
- Utilize critical thinking and current technology to effectively integrate IT-based solutions into the user environment
- Discuss the ethical and social responsibilities necessary for IT businesses and organizations.
- Use written, oral and electronic formats to effectively and professionally communicate to diverse multicultural audiences with a business environment

AS Degree Review

Name of Program: Computer Information Systems and Technology

Date of Review: October 11, 2013

Course Category	Minimum Credits required		Gen Ed 1	Gen Ed 2	Gen Ed 3	Gen Ed 4	Gen Ed 5	**Total Credits**	
Goal 1: Communication	6		ENG 101	ENG 102				6	
Goal 2: Mathematics	3-8	9	Math – Gen Ed					11	
Goal 3: Lab Sciences	3-8		Lab Science Gen Ed						
Goal 4: Technological Competency	0-4		CIS 100						
Goal 5: Social Sciences	3	3	Social Science Gen Ed	Social Science Gen Ed				6	
Goal 6: Humanities	3		Humanities Gen Ed					3	
Goal 7: History	0								
Goal 8: Diversity	0								
Additional General Education Courses (any category)	6		Math - Gen Ed	CIS 101	ENG 122 or 128 or 129	Humanities Gen Ed		12-13	

Additional Courses (required for the major)		ACC 103	BUS 105 BUS 201	CIS 116	CIS 204 CIS 202	Elective CIS/CSC	22
Additional Courses (free electives)							
					Total General Education Credits (minimum 30)		38-39
60-61				Total Program Credits			60-61