Cantant

14-169f. Provost App-4/14/15 UWUCC AP-4/21/15 Senate App-4/27/15

Program Revision Template

Steps to the approval process:

- 1. Complete the applicable template(s) and email them to the departmental or program curriculum committee chair.
- 2. The curriculum chair emails the proposal to the curriculum committee, then to the department/program faculty for a vote and finally to the department/program chair.
- 3. The department/program chair emails the proposal to curriculum-approval@iup.edu; this email will also serve as an electronic signature.
- 4. Curriculum committee staff will log the proposal, forward it to the appropriate dean's office(s) for review within 14 days and post it on the X Drive for review by all IUP faculty and administrators. Following the dean's review the proposal goes to the UWUCC/UWGC and the Senate.

Fmail

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Questions? Email <u>curriculum-approval@iup.edu</u>.

David T Smith

	David T. Smith		Email	atsmitn@iup.eau		
Person:			Address:	724 257 4470	APP 2 2 204	_
Proposing Depart/Unit:	Computer Science	Phone:	724-357-4478	APR 2 2 201		
					Liberal Studie	es
Program Revisions	(Check all that apply): ⊠ Program Revision □	Program	n Title Change	atalog Description Char	nge	nange
	☐ Liberal Studies Require	ement Cha	nges Variability of	f Delivery	: Click here to enter text.	
	Current Program Information	Proposed Changes				
Current Program Titl	Minor – Information Assurance		Proposed Program Title (if changing)	Click here to enter text.		
Current Narrative Catalog Description	Click here to enter text.		Proposed Narrative Catalog Description (if changing)	Click here to enter text.		
Current Program Requirements	Minor – Information Assurance (1) Required Courses: COSC 108 Introduction to Programming via Alice (3) or COSC 110 Problem Solving and Structured Program COSC 316 Host Computer Security COSC 345 Computer Networks CRIM 101 Crime and Justice Systems (2) or CRIM 102 Survey of Criminology (2) CRIM 321 Cybersecurity and Loss Prevention CRIM 323 Cybersecurity and the Law		Proposed Program Requirements (if changing)	Required Courses: COSC 108 Introduction to Programming via Alice (2) or COSC 110 Problem Solving and Structured Programm COSC 316 Host Computer Security COSC 345 Computer Network) (3) or COSC/IMFG 352 LAN Design and Installation (3) CRIM 101 Crime and Justice Systems (4) or CRIM 102 Survey of Criminology (4) CRIM 321 Cybersecurity and Loss Prevention		

Template G

(1) Computer Science/Information Assurance Track majors are (1) Computer Science/Information Assurance Track majors are not eligible to take this minor; instead, they must take a not eligible to take this minor; instead, they must take a Criminology minor. Criminology minor. (2) Criminology majors cannot count CRIM 101 or 102; instead, (2) Computer Science majors cannot count COSC 108 or 110; they must take one additional course from the following: instead, they must take one additional course from the COSC 341, 356, 362, 427, 432, 482, IFMG 382. Students following: CRIM 344, 354, 401. must select COSC 356 to receive NIST 4011 Certification. (3) Computer Science majors cannot count COSC/IMFG 352. (3) Computer Science majors cannot count COSC 108 or 110; Computer Science majors must take COSC 345. instead, they must take one additional course from the Criminology majors cannot count CRIM 101 or 102; instead, following: CRIM 344, 354, 401 they must take one additional course from the following: COSC 341, 356, 362, 427, 429, 432, 454, 482, IFMG 382. Students must select COSC 356 to receive NSTISSE 4011 Certification. Rationale for Proposed Changes The changes are made to reconcile differences in the Information Assurance Minors as listed between the Criminology and Computer Science departments. Passage of proposals from Criminology and Computer Science will result in same listing by both departments. Notes have been renumbered according to the order in which they are referenced. An Information Assurance minor is one of the possible minors that a Computer Science major may select from to fulfill the program's minor requirement. The course COSC 345 contains the content on computer networking, which is the major vehicle of threats to information assurance. Furthermore, COSC 345 builds upon in-depth foundation of a Computer Science Why is the program being major. Therefore, Computer Science majors are required to take COSC 345 when completing an Information Assurance revised? minor. COSC/IMFG 352 is considered to be a networking course for non-Computer Science majors. The Information Assurance Minor listed in Computer Science had replaced COSC/IMFG 352 with COSC 345, however this change is not applicable for non-Computer Science majors since COSC 345 is dependent on greater knowledge of Computer Science and Mathematics. Therefore, COSC/IMFG 352 is added back as an option for non-Computer Science majors. Courses COSC 429 Digital Forensic and COSC 454 Information Assurance Administration in new note (4) are new courses which have already been approved. These courses are applicable as options for Criminology majors to take in completing an Information Assurance minor.

Template G

Identify the <u>Program</u> Student Learning Outcomes (SLO). Mark any SLOs that are changing as a part of the Program Revision.	
Implication of the Change on: - Program - Other programs - Current Students	There is no effect on this program or current students