14-169f.
Provost App - 4/14/15
UWUCC AP - 4/21/15
Senate App - 4/28/15

Program Revision Template

Contact Person:	David T. Smith		Email Address:	dtsmith@iup.edu
Proposing Depart/Unit:	Computer Science		Phone:	724-357-4478

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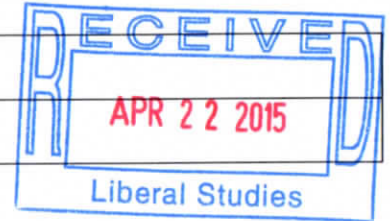
Program Revisions (Check all that apply): ☒ Program Revision   ☐ Program Title Change   ☐ Catalog Description Change   ☐ Credit Hour Change

☐ Liberal Studies Requirement Changes   ☐ Variability of Delivery   ☐ Other: Click here to enter text.

	Current Program Information		Proposed Changes	
Current Program Title	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) **18**
	
	Required Courses:
	COSC 108 Introduction to Programming via Alice (3) **or** 3cr
	    COSC 110 Problem Solving and Structured Programming
	COSC 316 Host Computer Security 3cr
	COSC 345 Computer Networks 3cr
	CRIM 101 Crime and Justice Systems (2) **or** 3cr
	    CRIM 102 Survey of Criminology (2)
	CRIM 321 Cybersecurity and Loss Prevention 3cr
	CRIM 323 Cybersecurity and the Law 3cr
		Proposed Program Requirements *(if changing)*	**Minor – Information Assurance** (1) **18**
			
			Required Courses:
			COSC 108 Introduction to Programming via Alice (2) **or** 3cr
			    COSC 110 Problem Solving and Structured Programming
			COSC 316 Host Computer Security 3cr
			COSC 345 Computer Network) (3) **or** 3cr
			    COSC/IMFG 352 LAN Design and Installation (3)
			CRIM 101 Crime and Justice Systems (4) **or** 3cr
			    CRIM 102 Survey of Criminology (4)
			CRIM 321 Cybersecurity and Loss Prevention 3cr
			CRIM 323 Cybersecurity and the Law 3cr	

<table>
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(1) Computer Science/Information Assurance Track majors are not eligible to take this minor; instead, they must take a Criminology minor.
(2) Criminology majors cannot count CRIM 101 or 102; instead, they must take one additional course from the following: COSC 341, 356, 362, 427, 432, 482, IFMG 382. Students must select COSC 356 to receive NIST 4011 Certification.
(3) Computer Science majors cannot count COSC 108 or 110; instead, they must take one additional course from the following: CRIM 344, 354, 401.
</td>
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<td>
(1) Computer Science/Information Assurance Track majors are not eligible to take this minor; instead, they must take a Criminology minor.
(2) Computer Science majors cannot count COSC 108 or 110; instead, they must take one additional course from the following: CRIM 344, 354, 401.
(3) Computer Science majors cannot count COSC/IMFG 352. Computer Science majors must take COSC 345.
(4) Criminology majors cannot count CRIM 101 or 102; instead, 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.
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Rationale for Proposed Changes

Why is the program being revised?	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 major. Therefore, Computer Science majors are required to take COSC 345 when completing an Information Assurance 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 **Program** 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..