Bachelor of Science Computer Science Cyber Security Track-PrgRsv-2015-11-12

- The workflow icon is no longer available. Please click on the Page Status after the orange circle icon near the page title. *

Form Information

First Step: Change the text in the [brackets] so it looks like this: **Bachelors in Criminology Pre-Law-PrgRsv-2015-08-10**

Second Step: Click save on bottom right

Third Step: Make sure the word "_**DRAFT**_" is in yellow at the top of the proposal

Fourth Step: Click on EDIT CONTENTS and start completing the template. When exiting or done, click save on bottom right

When ready to submit click on the workflow icon and hit approve. It will then move to the chair as the next step in the workflow.

Please direct any questions to curriculum-approval@iup.edu

*Indicates a required field

Proposer*	Terrence Fries	Proposer Email*	t.fries@iup.edu
Contact Person*	Terrence Fries	**Contact Email***	t.fries@iup.edu
Proposing Department/Unit*	Computer Science	**Contact Phone***	7-4492

Program Revision Options (Check all that apply)

Program Title Change
 	
*Teacher Education: Please complete the Teacher
 	
  Education section of this form (below)*
 	
*Liberal Studies: Please complete the Liberal Studies
 	
  section of this form (below)*

Course Level:*	undergraduate-level

Rationale for Proposed Changes	
(A) Why is the program being revised?*	The track name is being changed to correspond with current degrees in the field.

(B) Identify the <u>Program</u> Student Learning Outcomes **(SLO). Mark any SLOs that are changing as a** **part of the Program Revision.***	Students in a Computer Science track should set their goals beyond simple programming and should be preparing to 1. apply computer science knowledge to application areas from science and industry; 2. apply appropriate data structures and algorithms to analyze and solve new problems; 3. apply software engineering techniques to designing, implementing, documenting, testing, and maintaining software systems; 4. contribute to improving the design and implementation of databases; 5. use more than one programming language and choose an appropriate one for the project; 6. work with and communicate effectively with professionals in various fields; 7. continue a lifelong professional development in computing; 8. act ethically and professionally. A graduate of this track will be prepared to 1. work with business personnel to implement information security policy, 2. work with law enforcement personnel at all levels to prevent information security violations and prosecute those who attack computer systems, 3. manage security in network systems, 4. increase the public's knowledge of information assurance issues, 5. establish procedures that provide information assurance in computer systems for which he/she is responsible, 6. contribute to improving secure data communications, 7. strengthen the security of application programs. There are no changes to the SLOs.
(C) Implications of the change on the program, other **programs and the Students:***	There are no implications of the change on the program or students.

Current Program Information		Proposed Changes	
(D) Current Program Title*	Bachelor of Science in Computer Science - Information Assurance Track	**Proposed Program Title** *(if changing)*	Bachelor of Science in Computer Science - Cyber SecurityTrack
(E) Current Narrative **Catalog Description** *It is acceptable to copy /paste from the* *current catalog entry.*	UG Course Catalog: http://www.iup.edu/registrar/catalog/ Grad Course Catalog:http://www.iup.edu/graduatestudies/catalog/	**Proposed Narrative** **Catalog Description** *(if changing)*	
(F) Current Program **Requirements**		**Proposed Program** **Requirements** *(if changing, please highlight* *in RED what is being changed)*	

(G) Supporting Documents*	Are you making a major change?
	NO
	If making a major change, please attach a document with a summary of any/all changes.
	File **Modified**

Liberal Studies Section

- Complete this section only for a new Liberal Studies course or Liberal Studies course revision

If Completing this Section, Check the Box to the Right:	

Liberal Studies Course Designations (Check all that apply)	
Learning Skills:	
Knowledge Area:	
Liberal Studies Elective	*Please mark the designation(s) that apply - must meet at least one*
Expected Undergraduate Student **Learning Outcomes** **(EUSLOs)**	*Describe how each Student Learning Outcome in the course enables students to become Informed Learners, Empowered Learners and/or Responsible Learners* *See http://www.iup.edu/WorkArea/DownloadAsset.aspx?id=181694*
Description of the Required **Content for this Category**	*Narrative on how the course will address the Selected Category Content*
All Liberal Studies courses are required to include perspectives on cultures and have a supplemental reading. **Please answer the following questions.**	
Liberal Studies courses must include **the perspectives and contributions** **of ethnic and racial minorities and** **of women whenever appropriate to** **the subject matter. Please explain** **how this course will meet this** **criterion.**	

Liberal Studies courses require the **reading and use by students of at** **least one non-textbook work of** **fiction or non-fiction or a collection** **of related articles. Please describe** **how your course will meet this** **criterion.**	

Teacher Education Section

- Complete this section only for a new Teacher Education course or Teacher Education course revision

If Completing this Section, **Check the Box to the Right:**	
Course Designations:	
Key Assessments	
	For both new and revised courses, please attach (see the program education coordinator): • The Overall Program Assessment Matrix • The Key Assessment Guidelines • The Key Assessment Rubric **File** **Modified** No files shared here yet. • Drag and drop to upload or browse for files
Narrative Description of the **Required Content**	*How the proposal relates to the Education Major*

For Deans Review
Are Resources Available/Sufficient for this Course?
Is the Proposal Congruent with the College Mission?
Has the Proposer Attempted to Resolve Potential Conflicts with Other Academic Units?
Comments:

Please scroll to the top and click the Page Status if you are ready to take action on the workflow.
Please submit an ihelp if you have any questions http://ihelp.iup.edu