

**DOCUMENT N: COURSE AND PROGRAM DEVELOPMENT COVER SHEET**

See Course and Program Development Policy and Procedures for Instructions

<b>SCHOOL:</b> LAW <input type="checkbox"/> MSB <input type="checkbox"/> YGCLA <input checked="" type="checkbox"/>	<b>Contact Name:</b> Nancy Kaplan	<b>Phone:</b> 410-837-6222
<b>DEPARTMENT / DIVISION:</b> School of Information Arts and Technologies		
<b>SHORT DESCRIPTION OF PROPOSAL</b> (state name of action item 1-20 and course name, code & number / program affected):		
Item 4 and 7, Change course code from COSC 430 to COSC 433; should be effective for Fall 2007. Course description change.		
<b>PROPOSED SEMESTER OF IMPLEMENTATION:</b> Fall <input checked="" type="checkbox"/> Spring <input type="checkbox"/> Year: 2007		

<b>Box 1: TYPE OF ACTION</b>	ADD(NEW) <input type="checkbox"/>	DEACTIVATE <input type="checkbox"/>	MODIFY <input checked="" type="checkbox"/>	OTHER <input type="checkbox"/>
<b>Box 2: LEVEL OF ACTION</b>	Non-Credit <input type="checkbox"/>	Undergraduate <input type="checkbox"/>	Graduate <input type="checkbox"/>	OTHER <input type="checkbox"/>

Box 3: ACTION ITEM (check appropriate boxes)		DOCUMENTS REQUIRED (see box 4 below)	IMPACT REVIEWS (see box 5 on back)	APPROVAL SEQUENCE (see box 6 on back)
	1. Experimental Course <sup>1</sup>	NOP	a, c, e	AC
	2. Course Title	NO		ABCD
	3. Course Credits	NO		ABCD
X	4. Course Number	NO		ABCD
	5. Course Level	NO		ABCD
	6. Pre & Co-Requisite	NO		ABCD
X	7. Course Description	NOP		ABCD
	8. New Course	NOP		ABCDEF
	9. Deactivate a Course	NOP		ABCDEF
	10. Program Requirements	NO	b, c, d, e	ABCDEF
	11a. UG Specialization (24 credits or less)	NO	a, b, c, d, e	ABCDEF
	11b. Masters Specialization (12 credits or less)	NO	a, b, c, d, e	ABCDEF
	11c. Doctoral Specialization (18 credits or less)	NO	a, b, e	ABCDEF
	12. Closed Site Program	NOT	e	ABCDHIK
	13. Program Suspension <sup>9</sup>	NO,5	a, e	ABCDEGIK
	14a. Certificate Program (ug/g) exclusively within existing degree program	NO	a, c, e	ABCDEFHIK
	14b. Certificate Program (ug/g) where degree programs do not exist or where courses are selected across degree programs (12 or more credits)	NOQR, 6	a, c, e	ABCDEFHJL
	15. Off-Campus Delivery of Existing Program	NO, 4	a, b, c, e	ABCDEFHIL
	16a. UG Concentration (exceeds 24 credit hours)	NO, 5	a, c, d, e	ABCDEFHJL
	16b. Masters Concentration (exceeds 12 credit hours)	NO, 5	a, c, d, e	ABCDEFHJL
	16c. Doctoral Concentration (exceeds 18 credit hours)	NO, 5	a, c, d, e	ABCDEFHJL
	17. Program Title Change	NO, 5	a, c, d, e	ABCDEFHJL
	18. Program Termination	NO, 10	d, e	ABCDEFHIK
	19. New Degree Program	NOQR, 3,8	a, c, d, e	ABCDEFHJL
	20. Other	Varies	Varies	Varies

Box 4: DOCUMENTATION (check boxes of documents included)			
X	N. This Cover Sheet	Q. Full 5-page MHEC Proposal	T. Other
X	O. Summary Proposal	R. Financial Tables (MHEC)	
X	P. Course Definition Document	S. Contract	

- Approval of experimental course automatically lapses after two offerings unless permanently approved as a new course.
- Codes: a) Library Services (Langsdale or Law) b) Office of Technology Services c) University Relations d) Admissions
- Letter of Intent is required by USM at least 30 days before a full proposal can be submitted. Letter of Intent requires only the approval of the dean and the provost and is forwarded to USM by the Office of the Provost.
- One-page letter to include: Program title & degree/certificate to be awarded; resources requirements; need and demand; similar programs; method of instruction; and oversight and student services (MHEC requirement)
- One-page letter with description and rationale (MHEC requirement)
- One or two-page document that describes: centrality to mission; market demand; curriculum design; adequacy of faculty resources; and assurance program will be supported with existing resources. (MHEC requirement)
- Learning objectives, assessment strategies; fit with UB strategic plan
- Joint Degree Program or Primary Degree Programs require submission of MOU w/ program proposal. (MHEC requirement)
- Temporary suspension of program to examine future direction; time not to exceed two years. No new students admitted during suspension, but currently enrolled students must be given opportunity to satisfy degree requirements.

DOCUMENT N: COURSE AND PROGRAM DEVELOPMENT COVER SHEET (Page 2 of 2)

SCHOOL: LAW <input type="checkbox"/> MSB <input type="checkbox"/> YGCLA <input checked="" type="checkbox"/>
SHORT DESCRIPTION OF PROPOSAL (state name of action item 1-20 and course name, code & number / program affected): Change course code from COSC 430 to COSC 433; should be effective for Fall 2007. <i>Course Description change</i>

10. Provide:
- evidence that the action is consistent with UB mission and can be implemented within the existing program resources of the institution.
  - proposed date after which no new students will be admitted into the program;
  - accommodation of currently enrolled students in the realization of their degree objectives;
  - treatment of all tenured and non-tenured faculty and other staff in the affected program;
  - reallocation of funds from the budget of the affected program; and
  - existence at other state public institutions of programs to which to redirect students who might have enrolled in the program proposed for abolition.
11. University Council review (for a recommendation to the President or back to the Provost) shall be limited to curricular or academic policy issues that may potentially affect the University's mission and strategic planning, or have a significant impact on the generation or allocation of its financial resources.

Box 5: IMPACT REVIEW	SIGNATURES (see procedures for authorized signers)	DATE
a. Library <input checked="" type="checkbox"/> No impact <input type="checkbox"/> Impact statement attached	Director or designee:	
b. OTS <input checked="" type="checkbox"/> No impact <input type="checkbox"/> Impact statement attached	CIO or designee:	
c. University Relations <input type="checkbox"/> No impact <input type="checkbox"/> Impact statement attached	Director or designee:	
d. Admissions <input type="checkbox"/> No impact <input type="checkbox"/> Impact statement attached	Director or designee:	
e. Records <input type="checkbox"/> No impact <input type="checkbox"/> Impact statement attached	Registrar or designee:	

Box 6: APPROVAL SEQUENCE	APPROVAL SIGNATURES	DATE
A. Department / Division	Chair: <i>Nancy [Signature]</i>	10/12/06
B. Final faculty review body within each School	Chair: <i>Thomas E. Carney</i>	10/24/06
C. College Dean	Dean: <i>[Signature]</i>	10/26/06
D. Provost and Senior Vice President for Academic Affairs	Provost: <i>[Signature]</i>	11/13/06
E. Curriculum Review Committee (UFS subcommittee)	Chair: <i>[Signature]</i>	11/17/06
F. University Faculty Senate (UFS option)	Chair:	
G. University Council (see # 11 above)	Chair:	
H. President	President:	
I. Board of Regents – notification only		
J. Board of Regents – approval		
K. MHEC – notification only		
L. MHEC – approval		
M. Middle States Association notification	Required only if the mission of the University is changed by the action	

UNIVERSITY OF BALTIMORE

**DOCUMENT O: SUMMARY PROPOSAL**

See Course and Program Development Policy and Procedures for Instructions

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<b>DEPARTMENT / DIVISION:</b> School of Information Arts and Technologies		
<b>SHORT DESCRIPTION OF PROPOSAL</b> (state action item 1-23 and course name & number or program affected):		
Course definition change and course code change from COSC 430 to COSC 433; should be effective for Fall 2007		
<b>PROPOSED SEMESTER OF IMPLEMENTATION:</b> Fall <input checked="" type="checkbox"/> Spring <input type="checkbox"/> Year: 2007		

O-1: Briefly describe what is being requested:

1. Change course code from COSC 430 to COSC 433; should be effective for Fall 2007
2. Course description change (form P attached)

For new courses or changes in existing courses (needed by Registrar)		
<b>OLD Title:</b>	Course # / HEGIS Code: <b>COSC 430</b>	Credits: 4
<b>NEW Title:</b>	Course # / HEGIS Code: <b>COSC 433</b>	Credits: 4

O-2: Set forth the rationale for the proposal:

- The change in number will better reflect the sequence of courses in the information security module of the AIT degree.
- Change in course definition better describe content to be covered.

## **Document P: Required Format for Course Definition Document**

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Issued by: Wim Wiewel, Provost and Senior Vice President for Academic Affairs  
Effective Date: September 14, 2006  
Reviewed by: University Faculty Senate

Include in your course definition items one through 15 using as much space as needed.

1. Date Prepared: **October 12, 2006**
2. Prepared by: **Nancy Kaplan**
3. Department: **School of Information Arts and Technologies**
4. Course Number(s), including HEGIS code(s): **COSC 433**
5. Course Title: **Network Security**
6. Credit Hours: **4**
7. Catalog Description:  
**This course deals with the conceptual and technological aspects of network security. It will begin with a review of various forms of network attacks including scanning, exploits and denial-of-service attacks. It discusses the role of major networking devices, including routers, firewall technology, and servers, in establishing a secure network. It provides students with a comprehensive overview of building and maintaining firewalls in a business environment. It discusses how to make an intelligent choice of firewall technology, firewall planning/design, and presents basic firewall troubleshooting. It also covers security policy development, authentication, encryption, VPNs, and IDSs.**
8. Prerequisites: **COSC 307**
9. Faculty qualified to teach course: **Mohammed Ketel**
10. Course Type / Component: **Lecture and Lab**
11. Suggested approximate class size: **24 cap**
12. Content Outline: **It will begin with a review of various forms of network attacks including scanning, exploits and denial-of-service attacks. It discusses the role of major networking devices, including routers, firewall technology, and servers, in establishing a secure network.**
13. Learning Goals: students will demonstrate knowledge of key issues for protecting information assets, will be able to determine appropriate levels of response to security incidents, and be able to design a consistent reasonable information security system.
14. Assessment Strategies:

1. Demonstration of ability to design and implement a system that meets current industry standards.
  2. Examination to determine knowledge of key issues.
15. Suggested Text(s) and Materials (example: textbooks, equipment, software, etc.):  
Required Text: Benton et al., *Mastering Network Security*. Sybex, 2004.  
**ISBN: 0782 141 420.**