

STUDENT NAME _____ DATE _____

**Network Technology Degree: Security A.A.S. at CCBC to
B.S. IN HOMELAND SECURITY AT UMUC**

This worksheet is designed to help you plan and track your progress toward your degrees. For full course descriptions, please refer to the current undergraduate *Catalog*.

Courses taken at Community College of Baltimore County
Changes in recommended courses may affect other elements of the degree plan. Lower level equivalents of UMUC upper level courses fulfill content requirements but not upper-level minimum credit requirements

 UMUC
Equivalent
Course

UMUC GER Requirement	GENERAL EDUCATION REQUIREMENTS (GER) (19 credits)	
Speech/writing GER	SPCM 101 Fundamentals of Speech Communication (3)	SPCH 100
WRTG 101 Writing GER	ENGL 101 College Composition I (3)	WRTG 101
Biological and physical Sciences with lab GER	Biological and Physical Sciences - Lab Science (4) <i>General Education elective</i>	
Mathematics GER	MATH 125 Finite Math and Modeling (3) <i>Or other more advanced MATH GER</i>	MATH 106
First arts and humanities GER	ARTS 105, ARTS 106, HIST 102 <i>or other general education HIST (3) Recommended Arts and Humanities or Social and Behavioral Sciences GER Elective</i>	
First social and behavioral sciences GER	POLS 131, PSYC 105, SOCL 141, SOCL 230, or WMST 101 (3) <i>Recommended Social and Behavioral Sciences course. Fulfills Diversity course requirement</i>	
INTERDISCIPLINARY AND EMERGING ISSUES (3-4 credits)		
	ACDV 101 (0-1) <i>As of spring 2010 new/first time students will be required to take ACDV101 during their 1st semester at CCBC</i>	
	CINS 101 Introduction to Computers (3) <i>Recommended Information Technology course. Required at UMUC</i>	IFSM 201
CORE PROGRAM REQUIREMENTS (24 credits)		
	DCOM 141 Introduction to PC Repair & Operation (4)	
	CINS 142 Introduction to Linux/UNIX (3)	CMIS 325
	DCOM 101 Introduction to Data Communications (3)	
	DCOM 251 Local Area Networks (4)	CMIS 370
	DCOM 252 Advanced Protocols (3)	
	DCOM 258 Introduction to Information Security (3)	
	Technical elective (4)	
SECURITY OPTION (16 credits)		
	DCOM 211 Introduction to Firewalls (4)	
	DCOM 212 Introduction to Intrusion Detection/Prevention Systems (4)	
	DCOM 213 Introduction to Digital Forensics (4)	CCJS 421
	Technical elective (4)	
Credits transferred: 62-63 credits		

SEQUENCE at UMUC

*Courses are listed in the order in which students should take them.
Changes in courses and order may affect other elements of the degree plan.*

NOTES**ADDITIONAL REQUIRED GENERAL EDUCATION COURSES FOR DEGREE (12 credits)**

English writing GER	WRTG 291 (3) <i>Or other writing GER course except WRTG 288</i>	
Biological and physical Science GER	BIOL 103 or NSCI 100 (3) <i>Or other biological/physical science GER course</i>	
Second arts and humanities GER	PHIL 315 or HUMN 351 (3) <i>Or other upper-level arts/humanities GER course from a second discipline</i>	UL
Second social and behavioral sciences GER	ANTH 344 (3) <i>Or other upper-level behavioral/social science GER course from second discipline</i>	UL

EMERGING ISSUES (4 credits) If requirement is completed in degree at community college, these credits may be used for electives

LIBS 150 (1) <i>Required GER course</i>	
IFSM 300 or ACCT 326 (3) <i>Required second computing GER course. Note prerequisites</i>	UL

ADDITIONAL REQUIRED COURSES FOR MAJOR AND DEGREE (30 credits)

◆ HMLS 302 (3) <i>Required core course for major</i>	UL
◆ HMLS 304 (3) <i>Required core course for major</i>	UL
WRTG 394 or WRTG 394X (3) <i>Or other upper-level advanced writing GER course</i>	UL
◆ HMLS 406 (3) <i>Required core course for major</i>	UL
◆ HMLS 408 (3) <i>Required core course for major</i>	UL
◆ HMLS 414 (3) <i>Required core course for major</i>	UL
◆ IFSM 430 (3) <i>Or other supplemental major course in technology (BIOL 422, CCJS 462, ENMT 321, FSCN 303, IFSM 450)</i>	UL
◆ BMGT 366 (3) <i>Or other supplemental course in operations (EMGT 302, 308, 310, 404; IFSM 432)</i>	UL
◆ GVPT 409 (3) <i>Or other supplemental course in intelligence (CCJS 491 or 496; GVPT 408; IFSM 459)</i>	UL
◆ HMLS 486A (3) <i>Or other supplemental major course in applied concepts (GVPT 200, 306, 405; ECON 440; EMGT 312; SOCY 473)</i>	

CAPSTONE COURSE FOR MAJOR (3 credits) *To be taken after all other courses for the major*

◆ HMLS 495 (3) <i>Required capstone course for major</i>	UL
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ADDITIONAL ELECTIVES (8-9 credits)

Choose any courses to meet 120 credits for degree. Note minimum requirements for upper-level coursework. Recommended: STAT 200	UL
	UL

TOTAL: 120 CREDITS**CHECKLIST FOR FULFILLMENT OF DEGREE REQUIREMENTS** See catalog for overview of all requirements.

<input type="checkbox"/> 30 credits at UMUC, including at least half of the major and minor and 15 upper level credits.	<input type="checkbox"/> All General Education Requirements.
<input type="checkbox"/> 45 upper-level credits, including half the credit for the major and the minor.	<input type="checkbox"/> Grade of C or better in all courses for the major and minor.
<input type="checkbox"/> All required courses <u>and</u> minimum number of credits for major and minor.	<input type="checkbox"/> Overall GPA of at least 2.0.
<input type="checkbox"/> Prerequisites for major and minor courses, if needed.	<input type="checkbox"/> At least half the credit for the major earned through graded coursework.
	<input type="checkbox"/> Total 120 credits.

NOTES: