University of Maryland University College

2011 – 2012

STUDENT NAME_____ DATE_____

Computer Applications: Information Technology Track A.A.S. at Montgomery College to

B.S. IN INFORMATION SYSTEMS MANAGEMENT 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 Montgomery College *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 GenEd Requirement	**GENERAL EDUCATION REQUIREMENTS (GenEd) (25 credits)**	
English Writing GenEd	EN 101 Techniques of Reading and Writing I (3)	
WRTG 101 Writing GenEd	EN 102 or EN 109 (3) *English foundation course*	WRTG 101
Mathematics GenEd	MA 110 Survey of College Mathematics (3) *Or more advanced math. Mathematics foundation course*	MATH 106
Speech/writing GenEd	SP 108 or SP 112 (3) *Speech foundation course*	
First arts and humanities GenEd	AR 107, AR 108, or any HS (3) *Recommended arts or humanities distribution course*	
First social and behavioral sciences GenEd	Behavioral and social sciences distribution (3) *Not EC*	
Biological and physical science with lab GenEd	Natural sciences distribution with lab (4)	
Second social and behavioral science GenEd	Any EC Course (3) *Recommended Information Technology Elective*	
INTERDISCIPLINARY AND EMERGING ISSUES (1 credit)		
Health foundation course (1)		
INFORMATION TECHNOLOGY TRACK (34 credits)		
CA 106 Computer Use and Management (3)		
CA 120 Introduction to Computer Applications (3) *Second computing GenEd for UMUC*		CMST 103
CA 141 Introduction to Database Applications (3)		
CA 232 Word Processing Applications (3)		
CA 252 Spreadsheet Applications (3)		
CA 272 Professional Web Site Development (4)		CMST 386
CS 110 Computer Concepts (3) *Recommended Information Technology Elective. First computing GenEd at UMUC and prerequisite for major courses*		IFSM 201
CS 140 Introduction to Programming (3) *Recommended Information Technology Elective. Related requirement for major*		CMIS 102
AC 201, AC 202, BA, CA, CS, EC, GD, or MG (3) *Information Technology Elective*		
AC 201, AC 202, BA, CA, CS, EC, GD, or MG (3) *Information Technology Elective*		
AC 201, AC 202, BA, CA, CS, EC, GD, or MG (3) *Information Technology Elective*		
Credits transferred: 60 credits **Note: Up to 70 credits may be transferred from Montgomery College - meet with a UMUC adviser to discuss additional MC 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 (6 credits) If requirement is completed in degree at community college, these credits may be used for electives		
Biological and physical sciences GenEd	NSCI 100 or ASTR 100 (3) *Or other 3-credit biological/physical science GenEd course*	
Second arts and humanities GenEd	PHIL 315 or HUMN 351 (3) *Or other second arts/humanities GenEd course (not ARTH or HIST)*	UL
EMERGING ISSUES (1 credit)		
LIBS 150 (1) *Required GenEd course*		
ADDITIONAL REQUIRED COURSES FOR MAJOR AND DEGREE (33 credits)		
◆ IFSM 300 (3) *Required foundation course for major*		UL
◆ IFSM 301 (3) *Required foundation course for major*		UL
◆ IFSM 304 (3) *Required foundation course for major*		UL
WRTG 393 (3) *Or other upper-level advanced writing GenEd course*		UL
◆ IFSM 310 (3) *Required foundation for major*		UL
◆ CSIA 302 (3) *Required core course for major*		UL
◆ CMIS 320 (3) *Required core course for major*		UL
◆ IFSM 311 (3) *Required core course for major*		UL
◆ IFSM 438 (3) *Required core course for major*		UL
◆ IFSM 461 (3) *Required core course for major*		UL
◆ IFSM 432 (3) *Or other supplemental major course (any upper- level IFSM, CMIS, CMIT, CMSC, CMST, or CSIA)*		UL
CAPSTONE COURSE FOR MAJOR (3 credits) *To be taken after all other courses for the major*		
◆ IFSM 495 (3) *Capstone course for major*		UL
MINOR OR ELECTIVES (15 credits, at least 9 credits upper-level for minor)		
See requirements of individual minor.		UL
		UL
ADDITIONAL ELECTIVES (2 credits)		
Choose any courses to meet 120 credits for degree. Note minimum requirements for upper-level coursework. Recommended: ANTH 344, EDTP 500, MATH 140 (for those continuing to graduate school) and WRTG 490		
TOTAL: 120 CREDITS		

CHECKLIST FOR FULFILLMENT OF DEGREE REQUIREMENTS See catalog for overview of all requirements.

- ❑ 30 credits at UMUC, including at least half of the major and minor and 15 upper level credits.
- ❑ 45 upper-level credits, including half the credit for the major and the minor.
- ❑ All required courses <u>and</u> minimum number of credits for major and minor.
- ❑ Prerequisites for major and minor courses, if needed.

- ❑ All General Education Requirements.
- ❑ Grade of C or better in all courses for the major and minor.
- ❑ Overall GPA of at least 2.0.
- ❑ At least half the credit for the major earned through graded coursework.
- ❑ Total 120 credits.

NOTES: