

COMPUTER INFORMATION SYSTEMS

AAS.CIS
2009 – 2010

Associate of Applied Science

Computer and Information Sciences
College of Science, Mathematics and Technology
UTB-TSC

Student Name _____ ID # _____ Date _____

E-mail _____ Signature _____

Academic or Faculty Advisor _____ Date _____

FIRST SEMESTER			HRS	GR	SEM
COSC	1301	Microcomputer Applications	3		
IMED	1416	Web Design I	4		
		CIS Elective ¹	4		
		CIS Elective ¹	4		

SECOND SEMESTER			HRS	GR	SEM
ITNW	2405	Network Administration	4		
ITSE	2409	Database Programming	4		
		CIS Elective ¹	4		
		CIS Elective ¹	4		

THIRD SESSIONS			HRS	GR	SEM
COSC	1336	Programming Fundamentals I	3	†	
MATH	1314	College Algebra	3	†	
ENGL	1301	Composition I	3	†	
SPCH	1315	Applied Communication	3		
		Humanities/Visual and Performing Arts Elective ²	3		

FOURTH SEMESTER			HRS	GR	SEM
		Programming Intensive Course ³	3 - 4		
ITSE	1450	Systems Analysis and Design	4		
ITSW	2365	Practicum – Data Processing Technology	3		
		Social and Behavioral Sciences Elective ⁴	3		
ENGL	1302	Composition II	3	†	
TOTAL CREDIT HOURS FOR GRADUATION			62 - 63		

† Grade of "C" or better is required for graduation.

¹ Choose courses from one of the following tracks:

Upon completion of the required courses for the AAS in Computer Information Systems and during the final semester of course work students will be required to take their final comprehensive evaluation in an Exit Exam.

COMPUTER INFORMATION TECHNOLOGY

ITSC 1425 Personal Computer Hardware
ITSC 1421 Intermediate PC Operating Systems
ITSE 1431 Introduction to Visual Basic Programming
ITSC 1407 Unix Operating Systems I
ITSW 2365 Practicum Data Processing

COMPUTER GRAPHICS AND DIGITAL VIDEO PRODUCTION

ARTV 1441 3D Animation I
ARTV 2451 3D Animation II
ARTV 1451 Digital Video
ARTV 2441 Advanced Digital Video
ARTV 2431 Desktop Publishing for the Office

COMPUTER NETWORK MANAGEMENT AND SECURITY

ITNW 2413 Networking Hardware
ITNW 2412 Routers and Switches
CPMT 2434 Network Security
ITNW 2453 Advanced Routing and Switching
ITNW 2454 Internet / Intranet Server

COMPUTER WEB DEVELOPMENT

ITNW 2459 Web Server Support and Maintenance
ITSE 1411 Beginning Web Programming
INEW 2434 Advanced Web Programming
IMED 2415 Web Design II
IMED 2409 E- Commerce

² Humanities / Visual and Performing Arts: Any Humanities and Fine Arts Elective in the General Education Core Curriculum.

³ Social / Behavioral Sciences Elective: Any Social / Behavioral Sciences Elective in the General Education Core Curriculum

⁴ COSC 1337 Programming Fundamentals II (recommended) or ITSE 1431 Advanced Visual Basic Programming