

American Public University

Curriculum Planning Sheet: *Associate of Applied Science in Information Technology (Database Concentration) to Bachelor of Science in Information Technology Management*

Bachelors of Science in Information Technology Management		The Community College of Baltimore County		
No Concentrations				
APUS Course	SH		CCBC General Info Tech Database Concentration	SH
Academic and Career Planning - required	3			
General Education Requirements	30			
English Comp I	3	ENGL101	College Comp I	3
English Comp II	3	ENGL 102	College Comp II (if taken instead of Tech Writing -3 SH applied to English requirements)	
Math	3		Math	3
Science + Lab	4		Biological or Physical Science w/ lab	4
Social Science	3		Gen Ed SBS course	3
Social Science	3			
Humanities	3	SPCM101	Intro Speech Comm	3
Humanities	3			
History	3			
History	3			
			additional Arts/Hum or SBS course	3
	31		Total GEN ED transfer	19
Core Courses (27 Credit Hours)				
CS101- Basic Computer Applications	3			
CS102 - Intro to Computer Science	3		Gen Ed Info Tech course	3
CS200 - Intro to Programming	3	CINS 225	Intro to C C++ Programming	3
GM 315- Info Technology Infrastructure	3			
GM 316-Cyberlaw and Privacy in a Digital Age	3			
GM 363- Database Mgmt Systems	3	CINS 234	Database Concepts	3
GM 440- Principles of E-Business	3			
IS306 - Information Security	3	DCOM 258	Intro Information Security	3
MC 300- Principles and Theory of Mgmt	3			
MC 302-Management Info Systems	3			

MC 345- Info Systems Project Mgmt	3			
MC 463- LAN Technologies	3			
	36		Total CORE transfer	12
Major Courses (12 Hours-)				
GM 314-Contemporary Internet Topics	3			
IS326 - Information Operations	3			
IS 386- Cyber Warfare	3			
MC 301-Management Ethics	3			
MC 305-Strategic Planning	3			
MC 346-Info Systems Analysis and Design	3	CINS 231	Applied Systems Anal Des	3
MC 464- Application Development	3			
MC 465-Data Communications	3			
MC 466- Computer Network Security	3			
MC 467-Systems Engineering	3			
MC 468- Virtual Management	3			
MK 305- Strategic Internet Marketing	3			
			Total MAJOR transfer	3
Electives (39 semester hours)				
		ENGL213	Tech Writing (if taken instead of College Comp II will be applied to electives)	3
		ACCT 101	Intro Accounting OR	
		MGMT 101	Intro Business OR	
		EBUS 101	Intro E Business	3
		DCOM101	Intro Data Comm	3
		CINS 111	Logic OO Design	3
		CINS 142 I	Intro Linux Unix	3
			Database concentration courses	
		CINS 134	Comprehensive Databases	3
		CINS 156	Intro to SQL Using Oracle	3
		CINS 220	Visual Basic Programming	4
		CINS 256	Advanced Oracle Programming	4
			Total ELECTIVE TRANSFER	29
			TOTAL TRANSFER POSSIBLE	63