PROGRAMMING AND SYSTEMS ANALYSIS LEVEL II, CERTIFICATE OF COMPLETION



Program Requirements

Program Prerequisites: None

Co	ode	Title	Credits	Semester	
Re	equired Courses	;			
		rses are required			
		CL Programming			
	nd Systems Ana				
CI	S105	Survey of Computer Information Systems	3		
Se	elect one of the	following:	3		
	CIS119DO	Introduction to Oracle: SQL			
	CIS276DA	MySQL Database			
	CIS276DB	SQL Server Database			
Select one of the following: 3					
	CIS126DL	Linux Operating System			
	CIS126RH	Red Hat System Administration I			
	MST150++	Any Microsoft Windows course			
CI	S133DA	Internet/Web Development Level I	3		
CI	S150	Programming Fundamentals	3		
	or CIS150AB	Object-Oriented Programmin Fundamentals	g		
Se	elect one of the	following:	3		
	CIS156	Python Programming: Level I			
	CIS159	Visual Basic Programming I			
	CIS162++	Any C Programming: Level I course			
	CIS163AA	Java Programming: Level I			

CIS165++	Any Mobile Application Development course		
CIS166++	Any Web Scripting course(s)	3	
GBS151	Introduction to Business	3	
-	urses are required ming and Systems		
Select one of the	following:	3-4	
CIS190	Introduction to Networking		
CNT140AB	Introduction to Networks		
MST140	Microsoft Networking Essentials		
Select one of the	following:	3	
CIS225	Business Systems Analysis and Design		
CIS225AB	Object-Oriented Analysis and Design		
CIS250	Management of Information Systems		
Select a program from below that I academic and pro one of the follow	pest aligns with ofessional goals in	3	
CIS256	Python Programming Level II		
CIS259	Visual Basic Programming II		
CIS262++	Any C Programming: Level II course		
CIS263AA	Java Programming: Level II		
CIS265	Advanced iOS Application Development		
Restricted Electiv	ves		
Select one of the that best aligns v professional goa			
	t choose courses from the Required		
CIS151	Computer Game Development - Level I		

Level II

Advanced iOS Application Development

Legal, Ethical and Regulatory Issues of the Internet Studies

CIS265

GBS211

Total Credits

36-37