

Articulation AS Degree - Computer Information Technology Course List - Valencia Community College

Date of Last Update:

Contact:

Valencia Community College			DeVry University			Notes
Computer Information Technology			Network and Communications Management			
Associate in Science Degree			Bachelor of Science Degree			
All AS Degree-seeking students must satisfy entry assessment requirements			All BS Degree seeking students must satisfy placement requirements			
Semester			Graduation Requirements			Semester
Course Numbers	Course Names	Cr. Hr.	Course Numbers	Course Names	Cr. Hr.	
Foundation Courses						
ENC 1101	Freshman Composition I	3	ENGL 112	Composition	4	Suggested Math course- MAC 1105
Science or Mathematics	(See AS Gen Ed Requirements)	3	SCI 204/214/224 or MATH 114	Business Degree Science Courses with Lab or Algebra for College Students	4	
Humanities	(See AS. Gen Ed Requirement)	3	HUMN ---	HUMN pre-fix - Area A	3	
CET 2486C	Local Area Networks	3	**See Group Technical Course credit below		See Below	
CGS 2100	Microcomputer Fundamentals and Applications	3	COMP 100	Computer Applications for Business with Lab	2	
CIS 1354	Introduction to Network Security	3	**See Group Technical Course credit below		See Below	
Select one of the following 2 courses:						
CGS 1560 or	Introduction to Operating Systems or	3	**See Group Technical Course credit below		See Below	
CET 2179C	A+ Concepts (Software)		**See Group Technical Course credit below		See Below	
Total Foundation Courses		21			13 & Technical Credit Below	
Intermediate Courses						
CET 2178C	A+ Concepts (Hardware)	3	**See Group Technical Course credit below		See Below	
COP 2822	Web Publishing	3	**See Group Technical Course credit below		See Below	
CGS 2545	Database Management Systems	3	**See Group Technical Course credit below		See Below	
Business Elective	Computer Information Technology Business Elective (See List Below)	3	Business Applied Course		3-4	
Social Science	(See A.S. Gen Ed Requirements)	3	Social Science - Level A		3	
Gen Ed Elective	(See A.S. Gen Ed Requirements)	3	ENGL 135	Advanced Composition	4	Suggested course other credits will apply
SPC 1600	Fundamentals of Speech	3	SPCH 282/275/277	Small Group Communications/Public Speaking/Interpersonal Communications	3	
Total Intermediate Courses		21			13-14 & Technical Credit Below	
Advanced Courses						
Computer Information Technology Restricted Electives		6	**See Group Technical Course credit below		See Below	Counts may vary slightly based actual courses used
Computer Information Technology Non-Restricted Electives		10	**See Group Technical Course credit below		See Below	Counts may vary slightly based actual courses used
CIS 2910	IT Capstone	4	**See Group Technical Course credit below		See Below	
CIS 2943 or SLS 1303	Internship in Computer Information Technology or Job Search	1	Not a transferable course to DeVry		0	
Total Advanced Courses		21			See Technical Credit Below	
Total Hours Required		63			59-60	
			DeVry's Required minimum credit hours for this degree for graduation		124	
			Approximate credit hours left for graduation		64-65	

			Approximate time left at DeVry as full-time student using average of 16 credit hours per 15-wk semester or double for 8-wk sessions	4 - 4.5 semesters	
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Computer Information Technology Business Electives			Only one of the courses below is needed by Valencia CC		
ACG 2021	Principles of Financial Accounting	3	ACCT 301	Essentials of Accounting	4
BUL 2241	Business Law I	3	No comparable course in BS NETCOM curriculum		0
ECO 2013	Principles of Economics (Macro)	3	ECON 312	Principles of Economics (Micro & Macro)	0/3
ECO 2023	Principles of Economics (Micro)	3	ECON 312	Principles of Economics (Micro & Macro)	0/3
GEB 1011	Introduction to Business	3	BUSN 115	Introduction to Business and Technology	3
GEB 1136	Foundations of E-Business	3	No comparable course in BS NETCOM curriculum		0
MNA 1031	Project Management	3	MGMT 404	Project Management	4
Computer Information Technology Restricted Electives					
CET 2811	Microsoft Windows XP Professional	4	**See Group Technical Course credit below		See Below
CET 2854	Wireless Networks	3	**See Group Technical Course credit below		See Below
CIS 1416	Help Desk Tools and Technologies	3	**See Group Technical Course credit below		See Below
CIS 1417	Introduction to Customer Service and Help Desk Concepts	3	**See Group Technical Course credit below		See Below
CIS 2102	System Assurance - Quality and Testing	3	**See Group Technical Course credit below		See Below
CIS 2355	Advanced Network Security	3	**See Group Technical Course credit below		See Below
COP 2345	Linux System Administration	3	**See Group Technical Course credit below		See Below
Computer Information Technology Non-Restricted Electives					
Any course in the course descriptions section of the the Valencia Catalog with the subject prefix of CET, CIS, COP, or COT prefix not already used to satisfy program requirements or CGS 1555 Internet Web Essentials or CGS 2786 Web Development Tools			**See Group Technical Course credit below		See Below

DeVry Group Technical Course Credit

The corresponding courses will be applied as credit for the course credit denoted above for Group Technical Credit as long as the complete AS degree requirements are met.

Technical Credit	Total VCC Technical Credits (Excluding CGS 2100)	38	COMP 129	PC hardware and Software	3
			COMP 230	Intro to Scripting & Database w/Lab	4
			NETW 202	Introduction to Networking w/Lab	3
			NETW 204	Introduction to Routing w/Lab	3
			NETW 206	Introduction to Switching w/Lab	3
			NETW 208	Introduction to WAN Technologies	3
			NETW 230	Network OP Systems Microsoft w/Lab	4
			NETW 240	Network OP Systems UNIX w/Lab	4
			NETW 310	Wired , Opticle & Wireless Communication w/Lab	3
			SEC 280	Security and Privacy	3
			Total Group Technical Credit		33

Note: **HUMN 432 - Technology, Society and Culture is a capstone accumulative Gen Ed requirement for DeVry - All students must take in residence at DeVry and CARD 405 - Career Development must be taken in residence at DeVry