COURSE EQUIVALENCY GUIDE BETWEEN
MARICOPA COMMUNITY COLLEGES AND GRAND CANYON UNIVERSITY

GCU - CP AND IT COURSES

TRANSFERRABLE MCCCD COURSES

COURSE NUMBER	COURSE TITLE	GCU CREDIT HOURS	COURSE NUMBER	COURSE TITLE	MCCCD CREDIT HOURS
BIT 210	Object Oriented Programming for Business	4	CIS162AB OR CSC205	C++: Level I or Object Oriented Programming and Data Structures	3
CST 100	Computer Programming I & Lab	4	CIS163AA	Java Programming: Level I	3
CST 110	Introduction to Computer Science and Information Technology & Lab	4	CIS105 CIS150AB OR CSC100	Survey of Computer Information Systems Object-Oriented Programming Fundamentals or Introduction to Computer Science	6
CST 115	Computer Programming II & Lab	4	CIS263AA	Java Programming: Level II	3
CST 116	Enterprise Applications Programming I & Lab	4	CIS162AD OR CIS162AB	C#: Level I or C++: Level II	3
CST 125	Database Application Programming I & Lab	4	CIS166AE CIS276DA	Web Scripting with PHP MySQL Database	6
CST 200	Algorithms and Data Structures & Lab	4	CSC205	Object-Oriented Programming and Data Structures	3
CST 213	Computer Programming III & Lab	4			
CST 216	Enterprise Applications Programming II & Lab	4	CIS262AD OR CIS262 AB	C#: Level II or C++: Level II	3
CST 220	Operating Systems Concepts & Lab	4	CIS126CL	Linux Operating System III	3
CST 225	Database Application Programming II & Lab	4	CIS233DA	Interent/Web Development Level II	3
CST 226	Enterprise Applications Programming III & Lab	4			
CST 230	Database Application Programming III & Lab	4			
CST 322	Cloud Computing & Lab	4			
CST 325	Software Project Management & Lab	4	CIS224	Project Management Microsoft Project for Windows	
CST 340	Open Source Computing & Lab	4	CIS166AF OR CIS166ABC OR CSC220	Web Scripting with Python or Web Scripting Perl/CGI or Programming for Computer Engineering	3
CST 360	Design Patterns in Java & Lab	4	CIS225AB	Object-Oriented Analysis and Design	3
CST 424	Research Methods	4			
CST 451	Senior Project I	4			
CST 452	Senior Project II	4			

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ITT 115	Platforms and Network Technologies & Lab	4	CST190 OR MST140 OR CNT140 OR MST140	Introduction to Local Area Networks or Introduction to Networks or Cisco Networking Basics or Microsoft Networking Essentials	3
ITT 120	System Administration and Maintenance & Lab	4	CIS238 OR CIS238DL	Advanced UNIX System Administration or Linux System Administration	3
ITT 200	Cloud-based Computing and Systems & Lab	4			
ITT 250	Service Oriented Architecture	4			
ITT 305	Information Security I	2	ITS110 ITS130	Information Security Fundamentals Operating System Security	6
ITT 306	Information Security II	2	ITS240 OR ITS291	Ethical Hacking and Network Defense or Computer Forensics Foundations	3
ITT 325	IT Project Management & Lab	4	CIS250	Management of Information Systems	3
ITT 340	Cyber Security and Ethical Hacking	4	ITS240	Ethical Hacking and Network Defense	3
ITT 350	Service Oriented Architecture for Big Data	4			
ITT 375	Cyber Forensic Investigations	4			
ITT 415	IT Business Case Planning for Global Enterprise	4			
ITT 425	Analysis, Design, and Management of Secure Corporate Networks	4			
ITT 430	Security-Driven System Admin	4			
ITT 450	Cloud Technologies, Systems, and Applications & Lab	4			
ITT 455	IT Project	4			
STG 390	Professionalism in Science & Technology: Communications, Conduct, and Ethics	4			
SYM 400	Introduction to Database Structures	4	CIS276DB OR CIS276DC	SQL Server Database or Oracle Database	3
SYM 408	Relational Databases for Business Applications	4	CIS225	Business System Analysis and Design	3