GRAND CANYON
UNIVERSITY™

MARICOPA
COMMUNITY COLLEGES

The following table is the assessment of the courses between Maricopa Community Colleges and Grand Canyon University. The following will be used in evaluating official transcripts.

These courses fulfill the competency requirements; however, the courses may not fulfill the credit requirements. To obtain an undergraduate degree at GCU, students are required to meet a minimum of 120 semester credit hours.

Maricopa Community Colleges			Grand Canyon University		
Transfer Course Code	Transfer Course Title	Transcript Credit	Course Code	Course Title	Applied Semester Credits
COMPUTER INFORMATION SYSTEMS (CIS)					
CIS105	SURVEY OF COMPUTER INFORMATION SYSTEMS	3		Elective Transfer – LD	3
CIS105 AND CIS150AB	SURVEY OF COMPUTER INFORMATION SYSTEMS AND OBJECT-ORIENTED PROGRAMMING FUNDAMENTALS	6	CST-110 OR CST-111	INTRODUCTION TO COMPUTER SCIENCE AND INFORMATION TECHNOLOGY & LAB OR INTRODUCTION TO COMPUTER SCIENCE AND INFORMATION TECHNOLOGY LECTURE (4) AND Elective Transfer - LD (2)	6
CIS111	ETHICS IN INFORMATION TECHNOLOGY	3		Global Awareness Transfer – LD	3
CIS126DL	LINUX OPERATING SYSTEM	3		Elective Transfer – LD	3
CIS133DA	INTERNET/WEB DEVELOPMENT LEVEL I	3		Elective Transfer – LD	3
CIS150AB	OBJECT-ORIENTED PROGRAMMING FUNDAMENTALS	3	CST-115 OR CST-135	COMPUTER PROGRAMMING II & LAB OR COMPUTER PROGRAMMING II	3
CIS159	VISUAL BASIC PROGRAMMING			Elective Transfer – LD	3
CIS162AB	C++: LEVEL I	3	BIT-210	OBJECT ORIENTED PROGRAMMING FOR BUSINESS	3
CIS162AD OR CIS162AB	C#: LEVEL I OR C++: LEVEL II	3	CST-116 OR CST-117	ENTERPRISE APPLICATIONS PROGRAMMING I & LAB OR ENTERPRISE APPLICATIONS PROGRAMMING I	3
CIS163AA	JAVA PROGRAMMING: LEVEL I	3	CST-100 OR CST-105	COMPUTER PROGRAMMING I & LAB OR COMPUTER PROGRAMMING I	3
CIS166AC AND CIS276DB	WEB SCRIPTING WITH ACTIVE SERVER PAGES (ASP).NET (3) AND SQL SERVER DATABASE (3)	6	CST-322	CLOUD COMPUTING AND Elective Transfer - LD (2)	6
CIS166AD AND CIS276DC	WEB SCRIPTING WITH JAVA SERVER PAGES (JSP) (3) OR ORACLE DATABASE (3)	6	CST-322	CLOUD COMPUTING AND Elective Transfer - LD (2)	6
CIS166AE AND CIS276DA	WEB SCRIPTING WITH PHP (3) AND MYSQL DATABASE (3)	6	CST-125 OR CST-126	DATABASE APPLICATION PROGRAMMING I & LAB OR DATABASE APPLICATIONS PROGRAMMING I (4) AND Elective Transfer - LD (2)	6
CIS166AF OR CIS166AB	WEB SCRIPTING WITH PYTHON OR WEB SCRIPTING WITH PERL/CGI	3	CST-340	OPEN SOURCE COMPUTING & LAB	3

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CIS190	INTRODUCTION TO LOCAL AREA NETWORKS	3	ITT-115 OR ITT-116	PLATFORMS AND NETWORK TECHNOLOGIES & LAB OR PLATFORMS AND NETWORK TECHNOLOGIES	3
CIS224 AND CIS250	PROJECT MANAGEMENT MICROSOFT FOR WINDOWS (3) AND MANAGEMENT OF INFORMATION SYSTEMS (3)	6	CST-325	WRITTEN AND VERBAL COMMUNICATION FOR SOFTWARE DEVELOPMENT & LAB AND Elective Transfer - LD (2)	6
CIS225	BUSINESS SYSTEM ANALYSIS AND DESIGN	3	SYM-408	RELATIONAL DATABASES FOR BUSINESS APPLICATIONS	3
CIS225AB	OBJECT-ORIENTED ANALYSIS AND DESIGN	3	CST-360 OR CST-361	DESIGN PATTERNS IN JAVA & LAB OR DESIGN PATTERNS IN JAVA	3
CIS233DA	INTERNET/WEB DEVELOPMENT LEVEL II	3	CST-225 OR CST-236	DATABASE APPLICATION PROGRAMMING II & LAB OR DATABASE APPLICATION PROGRAMMING II	3
CIS238 OR CIS238DL	ADVANCED UNIX SYSTEM ADMINISTRATION OR LINUX SYSTEM ADMINISTRATION	3	ITT-120 OR ITT-121	SYSTEM ADMINISTRATION AND MAINTENANCE & LAB OR SYSTEMS ADMINISTRATION AND MAINTENANCE	3
CIS250	MANAGEMENT OF INFORMATION SYSTEMS	3	ITT-325	IT PROJECT MANAGEMENT & LAB	3
CIS262AB OR CIS262AD	C++: LEVEL II OR C#: LEVEL II	3	CST-216 OR CST-227	ENTERPRISE APPLICATIONS PROGRAMMING II & LAB OR ENTERPRISE APPLICATIONS PROGRAMMING II	3
CIS263AA	JAVA PROGRAMMING: LEVEL II	3	CST-115 OR CST-135	COMPUTER PROGRAMMING II & LAB OR COMPUTER PROGRAMMING II	3
CIS270	ESSENTIALS OF NETWORK AND INFORMATION SECURITY	3	ITT-307	CYBER SECURITY FOUNDATIONS	3
CIS271 OR CIS271DB	INFORMATION SYSTEM AND NETWORK SECURITY - LEVEL I OR INFORMATION SECURITY ESSENTIALS	3	ITT-305	INFORMATION SECURITY I	3
CIS272DB	INFORMATION SECURITY PRINCIPLES	3	ITT-306	INFORMATION SECURITY II	3
CIS276DB OR CIS276DC	SQL SERVER DATABASE OR ORACLE DATABASE	3	SYM-400	INTRODUCTION TO DATABASE STRUCTURES	3
CISCO NETWORK TECHNOLOGY (CNT)					
CNT140 OR CNT140AA	CISCO NETWORKING BASICS OR INTRODUCTION TO NETWORKS	4	ITT-115 OR ITT-116	PLATFORMS AND NETWORK TECHNOLOGIES & LAB OR PLATFORMS AND NETWORK TECHNOLOGIES	4

Maricopa Community Colleges			Grand Canyon University		
Transfer Course Code	**Transfer Course Title**	**Transcript Credit**	**Course Code**	**Course Title**	**Applied Semester Credits**
CNT150 OR CNT150AA	CISCO NETWORKING ROUTER TECHNOLOGIES OR CISCO – ROUTING AND SWITCHING ESSENTIALS	4	ITT-270	ROUTING AND SWITCHING	4
COMPUTER SCIENCE (CSC)					
CIS105 AND CSC100	SURVEY OF COMPUTER INFORMATION SYSTEMS (3) AND INTRODUCTION TO COMPUTER SCIENCE (C++) (3)	6	CST-110 OR CST-111	INTRODUCTION TO COMPUTER SCIENCE AND INFORMATION TECHNOLOGY & LAB OR INTRODUCTION TO COMPUTER SCIENCE AND INFORMATION TECHNOLOGY LECTURE (4) AND Elective Transfer - LD (2)	6
CSC100 OR CSC100AA OR CSC100AA	INTRODUCTION TO COMPUTER SCIENCE (C++)	3-4	CST-210	OBJECT-ORIENTED PROGRAMMING & LAB	3-4
CSC110 OR CSC110AA OR CSC110AB	INTRODUCTION TO COMPUTER SCIENCE (JAVA)	3-4	CST-100 OR CST-105	COMPUTER PROGRAMMING I & LAB OR COMPUTER PROGRAMMING I	3-4
CSC120	DIGITAL DESIGN FUNDAMENTALS	4	CST-215	DIGITAL LOGIC AND DESIGN & LAB	4
CSC150 OR CSC150AA	PROGRAMMING IN C/C++	3-4		Critical Thinking Transfer - LD	3-4
CSC180 OR CSC180AA OR CSC180AB	COMPUTER LITERACY	3-4		Elective Transfer – LD	3-4
CSC181 OR CSC181AA OR CSC181AB	APPLIED PROBLEM SOLVING WITH VISUAL BASIC	3-4		Critical Thinking Transfer - LD	3-4
CSC182 OR CSC182AA	PRINCIPLES OF PROGRAMMING WITH C#.NET	3		Critical Thinking Transfer - LD	3
CSC205 OR CSC205AA OR CSC205AB OR CSC205AC OR CSC205AD	OBJECT-ORIENTED PROGRAMMING AND DATA STRUCTURES	3-4	BIT-210 OR CST-200 OR CST-201	OBJECT ORIENTED PROGRAMMING FOR BUSINESS OR ALGORITHMS AND DATA STRUCTURES & LAB OR ALGORITHMS AND DATA STRUCTURES	3-4
CSC220	PROGRAMMING FOR COMPUTER ENGINEERING	3	CST-340	OPEN SOURCE COMPUTING & LAB	3
CSC230	COMPUTER ORGANIZATION AND ASSEMBLY LANGUAGE	3	CST-307	INTRODUCTION TO COMPUTER ARCHITECTURE & LAB	3
CSC240 OR CSC240AA	INTRODUCTION TO DIFFERENT PROGRAMMING LANGUAGES	3-4	CST-340	OPEN SOURCE COMPUTING & LAB	3-4
CSC283	BIOINFORMATICS AND SCIENTIFIC COMPUTING	3-4		Critical Thinking Transfer - LD	3-4
INFORMATION TECHNOLOGY SECURITY (ITS)					
ITS100	INFORMATION SECURITY AWARENESS	1		Elective Transfer – LD	1
ITS110 AND ITS130	INFORMATION SECURITY FUNDAMENTALS (3) AND OPERATING SYSTEM SECURITY (3)	6	ITT-305	INFORMATION SECURITY I (4) AND Elective Transfer - LD (2)	6

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ITS120	LEGAL, ETHICAL AND REGULATORY ISSUES	3		Global Awareness Transfer – LD	3
ITS140	NETWORK SECURITY	3		Elective Transfer – LD	3
ITS240	ETHICAL HACKING AND NETWORK DEFENSE	3	ITT-340	CYBER SECURITY AND ETHICAL HACKING	3
ITS240 OR ITS291	ETHICAL HACKING AND NETWORK DEFENSE OR COMPUTER FORENSICS FOUNDATIONS	3	ITT-306	INFORMATION SECURITY II	3
ITS292	ADVANCED COMPUTER FORENSICS	4		Elective Transfer – LD	4
MICROSOFT TECHNOLOGY (MST)					
MST140	MICROSOFT NETWORKING ESSENTIALS	3	ITT-115 OR ITT-116	PLATFORMS AND NETWORK TECHNOLOGIES & LAB OR PLATFORMS AND NETWORK TECHNOLOGIES	3

All Grand Canyon University programs follow a Program of Study, which can be changed by the University at any time. All Programs of Study are subject to the terms, conditions, and policies outlined in the University's enrollment application and the http://www.gcu.edu/Policy-Handbook.php.

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