

**Maricopa Community Colleges**

The following table is the list of Articulated Associate Degrees between Maricopa Community Colleges and Grand Canyon University (GCU). Students who complete a transfer-oriented associate degree (Associate of Arts or Associate of Science) may fulfill Grand Canyon University’s General Education requirements. Students without a transfer-oriented degree (Associate of Applied Science) must fulfill the General Education requirements and have a course-by-course evaluation completed. Additional programmatic admission requirements and transfer policy information can be found within the University Policy Handbook at <http://www.gcu.edu/Policy-Handbook.php>.

Maricopa Community Colleges Degree	Grand Canyon University Degree
<ul style="list-style-type: none"> <li>• Associate in Applied Science in Information Technology; Major: 3023               <ul style="list-style-type: none"> <li>• Certificate of Completion in Network Administration: Microsoft Windows Server; Major: 5124</li> <li>• Certificate of Completion in Computer Hardware and Desktop Support; Major: 5026</li> <li>• Certificate of Completion in Programming and System Analysis; Major: 5048</li> <li>• Certificate of Completion in Web Design; Major: 5159</li> </ul> </li> </ul>	<p style="text-align: center;"><b>The College of Science, Engineering, and Technology (CSET)</b></p> <ul style="list-style-type: none"> <li>• Bachelor of Science in Information Technology with an Emphasis in Cyber Security</li> </ul>

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 [University Policy Handbook](#).

Effective November 2017

**Bachelor of Science in Information Technology with an Emphasis in Cyber Security**

Within the table we have identified preferred courses from Maricopa Community Colleges that will be applicable towards Grand Canyon University's Bachelor of Science in Information Technology with an Emphasis in Cyber Security. The following will be used in evaluating official transcripts and is recommended to maximize transfer credits:

**Maricopa Community Colleges - Chandler-Gilbert**  
**Associate in Applied Science in Information Technology; Major: 3023 - Certificate of Completion in Network Administration: Microsoft Windows Server; Major: 5124**

POSSIBLE TRANSFER CREDIT SUMMARY			
	# GCU Credits Required	# Credits Applied	GCU Credits Remaining
I. General Education	34.00	22.00	12.00
II. Major Courses	64.00	16.00	48.00
III. Elective Requirements	22.00	22.00	0.00
<b>TOTAL</b>	<b>120.00</b>	<b>60.00</b>	<b>60.00</b>

MARICOPA GENERAL EDUCATION					
Maricopa Course Code	Maricopa Transfer Credits	# Credits Required	GCU Course Code	GCU Course Title	Applied Semester Credits
ENG101 or ENG107	FIRST-YEAR COMPOSITION OR FIRST-YEAR COMPOSITION FOR ESL	3	ENG-105	ENGLISH COMPOSITION I	3.00
ENG102 or ENG108	FIRST-YEAR COMPOSITION OR FIRST-YEAR COMPOSITION FOR ESL	3	ENG-106	ENGLISH COMPOSITION II	3.00
	<a href="#">Oral Communication</a>	3		<a href="#">Effective Communication Transfer - LD</a>	3.00
CRE101	COLLEGE CRITICAL READING OR Equivalent by assessment	0-3		Elective Transfer - LD	0-3
MAT150/151/152 OR higher course	COLLEGE ALGEBRA/FUNCTIONS	3	MAT-154	APPLICATIONS OF COLLEGE ALGEBRA	3.00
	<a href="#">Humanities, Arts &amp; Design</a>	3		<a href="#">Global Awareness Transfer - LD</a>	3.00
	<a href="#">Social-Behavioral Sciences</a>	3		<a href="#">Global Awareness Transfer - LD</a>	3.00
	<a href="#">Natural Sciences</a>	4		<a href="#">Critical Thinking Transfer - LD</a>	4.00
<b>TOTAL</b>		<b>22.00</b>			<b>22.00</b>

MARICOPA MAJOR COURSES					
Maricopa Course Code	Maricopa Transfer Credits	# Credits Required	GCU Course Code	GCU Course Title	Applied Semester Credits
CIS224	PROJECT MANAGEMENT MICROSOFT PROJECT FOR WINDOWS	3	CST-326	WRITTEN AND VERBAL COMMUNICATION FOR SOFTWARE DEVELOPMENT	3.00
MST150++	Any Microsoft Windows course	3		Elective Transfer - LD	3.00
MST155++	Any Windows Server course	4		Elective Transfer - LD	4.00
MST157++	Any Windows Server course	4		Elective Transfer - LD	4.00
MST158++	Any Windows Server course	4		Elective Transfer - LD	4.00
<b>RESTRICTED ELECTIVES</b>		<b>3</b>			<b>3.00</b>
CIS126	Any Linux Operating System course	1		Elective Transfer - LD	1.00
CIS197	VMWARE ESXI SERVER ENTERPRISE	3		Elective Transfer - LD	3.00
CIS238 or CIS238DL	ADVANCED UNIX SYSTEM ADMINISTRATION OR LINUX SYSTEM ADMINISTRATION	3	ITT-121	SYSTEM ADMINISTRATION AND MAINTENANCE	3.00
CNT140 or CNT140AA	CISCO NETWORKING BASICS OR INTRODUCTION TO NETWORKS	4	ITT-116	PLATFORMS AND NETWORK TECHNOLOGIES	4.00
MST+++	Any MST Microsoft Technology course	1		Elective Transfer - LD	1.00
<b>RESTRICTED ELECTIVES</b>		<b>17</b>			<b>17.00</b>
CIS105 and CIS150AB	SURVEY OF COMPUTER INFORMATION SYSTEMS (3) AND OBJECT-ORIENTED PROGRAMMING FUNDAMENTALS (3)	6	CST-111	INTRODUCTION TO COMPUTER SCIENCE AND INFORMATION TECHNOLOGY	6.00
CIS105 and CSC100	SURVEY OF COMPUTER INFORMATION SYSTEMS (3) AND INTRODUCTION TO COMPUTER SCIENCE (C++) (3)	6	CST-111	INTRODUCTION TO COMPUTER SCIENCE AND INFORMATION TECHNOLOGY	6.00
CIS190 or CNT140 or CNT140AA or MST140	INTRODUCTION TO LOCAL AREA NETWORKS (3) OR CISCO NETWORKING BASICS (4) OR INTRODUCTION TO NETWORKS (4) OR MICROSOFT NETWORKING ESSENTIALS (3)	3	ITT-116	PLATFORMS AND NETWORK TECHNOLOGIES	3.00
CIS238 or CIS238DL	ADVANCED UNIX SYSTEM ADMINISTRATION OR LINUX SYSTEM ADMINISTRATION	3	ITT-121	SYSTEM ADMINISTRATION AND MAINTENANCE	3.00
CNT150 or CNT150AA	CISCO NETWORKING ROUTER TECHNOLOGIES OR CISCO – ROUTING AND SWITCHING ESSENTIALS	4	ITT-270	ROUTING AND SWITCHING	4.00

MARICOPA MAJOR COURSES					
Maricopa Course Code	Maricopa Transfer Credits	# Credits Required	GCU Course Code	GCU Course Title	Applied Semester Credits
	Any approved IT Elective course	1		Elective Transfer – LD	1.00
<b>TOTAL</b>		<b>38.00</b>			<b>38.00</b>

GCU REMAINING GENERAL EDUCATION REQUIREMENTS		
GCU Course Code	GCU Course Title	# Credits Remaining
UNV-103/303*	UNIVERSITY SUCCESS	4.00
CWV-101/301	CHRISTIAN WORLDVIEW	4.00
	Critical Thinking	4.00
<b>TOTAL</b>		<b>12.00</b>

GCU REMAINING MAJOR REQUIREMENTS		
GCU Course Code	GCU Course Title	# Credits Remaining
ITT-307	CYBER SECURITY FOUNDATIONS	4
SYM-400	INTRODUCTION TO DATABASE STRUCTURES	4
BIT-415	IT PROJECT MANAGEMENT	4
ITT-370	WIRELESS NETWORKS	4
ITT-340	CYBER SECURITY AND ETHICAL HACKING	4
SYM-408	RELATIONAL DATABASE FOR BUSINESS APPLICATIONS	4
ITT-415	IT BUSINESS CASE PLANNING FOR GLOBAL ENTERPRISE	4
ITT-430	SECURITY DRIVEN SYSTEMS ADMINISTRATION	4
ITT-375	CYBER FORENSIC INVESTIGATIONS	4
STG-390	PROFESSIONALISM IN SCIENCE & TECHNOLOGY: COMMUNICATIONS, CONDUCT AND ETHICS	4
ITT-455	IT PROJECT	4
ITT-425	ANALYSIS, DESIGN, AND MAINTENANCE OF SECURE CORPORATE NETWORKS	4
<b>TOTAL</b>		<b>48.00</b>

RECOMMENDED ELECTIVES TO MAXIMIZE TRANSFER CREDIT					
Maricopa Course Code	Maricopa Transfer Credits	# Credits Required	GCU Course Code	GCU Course Title	Applied Semester Credits
CIS225	BUSINESS SYSTEM ANALYSIS AND DESIGN	3	SYM-408	RELATIONAL DATABASES FOR BUSINESS APPLICATIONS	3.00
CIS250	MANAGEMENT OF INFORMATION SYSTEMS	3	BIT-415	IT PROJECT MANAGEMENT	3.00
CIS270	ESSENTIALS OF NETWORK AND INFORMATION SECURITY	3	ITT-307	CYBER SECURITY FOUNDATIONS	3.00
CIS276DB or CIS276DC	SQL SERVER DATABASE OR ORACLE DATABASE	3	SYM-400	INTRODUCTION TO DATABASE STRUCTURES	3.00
ITS240	ETHICAL HACKING AND NETWORK DEFENSE	3	ITT-340	CYBER SECURITY AND ETHICAL HACKING	3.00
<b>TOTAL</b>		<b>15.00</b>			<b>15.00</b>

NOTES
<p>o Students interested in attending GCU may request a pre-evaluation of their transfer credits through the LOPES Specialist. The LOPES Specialist will review all previous college transcripts to determine how the credits will be applied to the potential student's desired program of study. To find out more information on how to request a pre-evaluation please visit our website at <a href="https://www.gcu.edu/admissions/college-transfer-center/transfer-credits.php">https://www.gcu.edu/admissions/college-transfer-center/transfer-credits.php</a>.</p> <p>o *Traditional campus students who have transferred in a minimum of 24 college level credits and have a 3.0 GPA or higher can waive the University Foundations course, UNV-303.</p> <p>o Students who complete a transfer-oriented associate degree (Associate of Arts or Associate of Science) may fulfill Grand Canyon University's General Education requirements. See GCU University Policy Handbook or speak to a GCU enrollment counselor for more details.</p> <p>o Students may transfer a maximum of 90 semester credit hours, no more than 84 credits of which can be lower-division.</p> <p>o Students must earn and/or transfer a minimum of 36 semester credits in upper division (300 or above) courses.</p> <p>o Students must earn and/or transfer a minimum of 120 semester credits in order to earn a Bachelor degree.</p> <p>o 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 <a href="#">University Policy Handbook</a>.</p>

Effective November 2017

**Bachelor of Science in Information Technology with an Emphasis in Cyber Security**

Within the table we have identified preferred courses from Maricopa Community Colleges that will be applicable towards Grand Canyon University's Bachelor of Science in Information Technology with an Emphasis in Cyber Security. The following will be used in evaluating official transcripts and is recommended to maximize transfer credits:

**Maricopa Community Colleges - Chandler-Gilbert**

**Associate in Applied Science in Information Technology; Major: 3023 - Certificate of Completion in Computer Hardware and Desktop Support;  
Major: 5026**

POSSIBLE TRANSFER CREDIT SUMMARY			
	# GCU Credits Required	# Credits Applied	GCU Credits Remaining
I. General Education	34.00	22.00	12.00
II. Major Courses	64.00	16.00	48.00
III. Elective Requirements	22.00	22.00	0.00
<b>TOTAL</b>	<b>120.00</b>	<b>60.00</b>	<b>60.00</b>

MARICOPA GENERAL EDUCATION					
Maricopa Course Code	Maricopa Transfer Credits	# Credits Required	GCU Course Code	GCU Course Title	Applied Semester Credits
ENG101 or ENG107	FIRST-YEAR COMPOSITION OR FIRST-YEAR COMPOSITION FOR ESL	3	ENG-105	ENGLISH COMPOSITION I	3.00
ENG102 or ENG108	FIRST-YEAR COMPOSITION OR FIRST-YEAR COMPOSITION FOR ESL	3	ENG-106	ENGLISH COMPOSITION II	3.00
	<a href="#">Oral Communication</a>	3		<a href="#">Effective Communication Transfer - LD</a>	3.00
CRE101	COLLEGE CRITICAL READING OR Equivalent by assessment	0-3		Elective Transfer - LD	0-3
MAT150/151/152 OR higher course	COLLEGE ALGEBRA/FUNCTIONS	3	MAT-154	APPLICATIONS OF COLLEGE ALGEBRA	3.00
	<a href="#">Humanities, Arts &amp; Design</a>	3		<a href="#">Global Awareness Transfer - LD</a>	3.00
	<a href="#">Social-Behavioral Sciences</a>	3		<a href="#">Global Awareness Transfer - LD</a>	3.00
	<a href="#">Natural Sciences</a>	4		<a href="#">Critical Thinking Transfer - LD</a>	4.00
<b>TOTAL</b>		<b>22.00</b>			<b>22.00</b>

MARICOPA MAJOR COURSES					
Maricopa Course Code	Maricopa Transfer Credits	# Credits Required	GCU Course Code	GCU Course Title	Applied Semester Credits
CIS224	PROJECT MANAGEMENT MICROSOFT PROJECT FOR WINDOWS	3	CST-326	WRITTEN AND VERBAL COMMUNICATION FOR SOFTWARE DEVELOPMENT	3.00
BPC110 or CIS105	COMPUTER USAGE AND APPLICATIONS OR SURVEY OF COMPUTER INFORMATION SYSTEMS	3		Elective Transfer – LD	3.00
CIS121AH or CIS126DL	MICROSOFT POWERSHELL/COMMAND LINE OPERATIONS OR LINUX OPERATING SYSTEM	3		Elective Transfer – LD	3.00
BPC170	A+ EXAM PREP: COMPUTER HARDWARE CONFIGURATION AND SUPPORT	3		Elective Transfer – LD	3.00
BPC270	A+ EXAM PREP: OPERATING SYSTEM CONFIGURATION AND SUPPORT	3		Elective Transfer – LD	3.00
CIS102 or CIS102DA	INTERPERSONAL AND CUSTOMER SERVICE SKILLS FOR IT PROFESSIONALS OR CUSTOMER USER SUPPORT	3		Elective Transfer – LD	3.00
CIS190 or CNT140AA or MST140	INTRODUCTION TO LOCAL AREA NETWORKS (3) OR INTRODUCTION TO NETWORKS (4) OR MICROSOFT NETWORKING ESSENTIALS (3)	3	ITT-116	PLATFORMS AND NETWORK TECHNOLOGIES	3.00
MST150++	Any Microsoft Windows course	3		Elective Transfer - LD	3.00
<b>RESTRICTED ELECTIVES</b>		<b>1</b>			<b>1.00</b>
BPC171	RECYCLING USED COMPUTER TECHNOLOGY	3		Elective Transfer - LD	3.00
CIS290AA	COMPUTER INFORMATION SYSTEMS INTERNSHIP	1		Elective Transfer - LD	1.00
CIS290AB	COMPUTER INFORMATION SYSTEMS INTERNSHIP	2		Elective Transfer - LD	2.00
CIS290AC	COMPUTER INFORMATION SYSTEMS INTERNSHIP	3		Elective Transfer - LD	3.00
MST141	ENTERPRISE DESKTOP SUPPORT TECHNICIAN	3		Elective Transfer – LD	3.00
<b>RESTRICTED ELECTIVES</b>		<b>13</b>			<b>13.00</b>
CIS105 and CIS150AB	SURVEY OF COMPUTER INFORMATION SYSTEMS (3) AND OBJECT-ORIENTED PROGRAMMING FUNDAMENTALS (3)	6	CST-111	INTRODUCTION TO COMPUTER SCIENCE AND INFORMATION TECHNOLOGY	6.00

MARICOPA MAJOR COURSES					
Maricopa Course Code	Maricopa Transfer Credits	# Credits Required	GCU Course Code	GCU Course Title	Applied Semester Credits
CIS105 and CSC100	SURVEY OF COMPUTER INFORMATION SYSTEMS (3) AND INTRODUCTION TO COMPUTER SCIENCE (C++) (3)	6	CST-111	INTRODUCTION TO COMPUTER SCIENCE AND INFORMATION TECHNOLOGY	6.00
CIS238 or CIS238DL	ADVANCED UNIX SYSTEM ADMINISTRATION OR LINUX SYSTEM ADMINISTRATION	3	ITT-121	SYSTEM ADMINISTRATION AND MAINTENANCE	3.00
CNT150 or CNT150AA	CISCO NETWORKING ROUTER TECHNOLOGIES OR CISCO – ROUTING AND SWITCHING ESSENTIALS	4	ITT-270	ROUTING AND SWITCHING	4.00
<b>TOTAL</b>		<b>38.00</b>			<b>38.00</b>

GCU REMAINING GENERAL EDUCATION REQUIREMENTS		
GCU Course Code	GCU Course Title	# Credits Remaining
UNV-103/303*	UNIVERSITY SUCCESS	4.00
CWV-101/301	CHRISTIAN WORLDVIEW	4.00
	Critical Thinking	4.00
<b>TOTAL</b>		<b>12.00</b>

GCU REMAINING MAJOR REQUIREMENTS		
GCU Course Code	GCU Course Title	# Credits Remaining
ITT-307	CYBER SECURITY FOUNDATIONS	4
SYM-400	INTRODUCTION TO DATABASE STRUCTURES	4
BIT-415	IT PROJECT MANAGEMENT	4
ITT-370	WIRELESS NETWORKS	4
ITT-340	CYBER SECURITY AND ETHICAL HACKING	4
SYM-408	RELATIONAL DATABASE FOR BUSINESS APPLICATIONS	4
ITT-415	IT BUSINESS CASE PLANNING FOR GLOBAL ENTERPRISE	4
ITT-430	SECURITY DRIVEN SYSTEMS ADMINISTRATION	4
ITT-375	CYBER FORENSIC INVESTIGATIONS	4
STG-390	PROFESSIONALISM IN SCIENCE & TECHNOLOGY: COMMUNICATIONS, CONDUCT AND ETHICS	4
ITT-455	IT PROJECT	4
ITT-425	ANALYSIS, DESIGN, AND MAINTENANCE OF SECURE CORPORATE NETWORKS	4
<b>TOTAL</b>		<b>48.00</b>

RECOMMENDED ELECTIVES TO MAXIMIZE TRANSFER CREDIT					
Maricopa Course Code	Maricopa Transfer Credits	# Credits Required	GCU Course Code	GCU Course Title	Applied Semester Credits
CIS225	BUSINESS SYSTEM ANALYSIS AND DESIGN	3	SYM-408	RELATIONAL DATABASES FOR BUSINESS APPLICATIONS	3.00
CIS250	MANAGEMENT OF INFORMATION SYSTEMS	3	BIT-415	IT PROJECT MANAGEMENT	3.00
CIS270	ESSENTIALS OF NETWORK AND INFORMATION SECURITY	3	ITT-307	CYBER SECURITY FOUNDATIONS	3.00
CIS276DB or CIS276DC	SQL SERVER DATABASE OR ORACLE DATABASE	3	SYM-400	INTRODUCTION TO DATABASE STRUCTURES	3.00
ITS240	ETHICAL HACKING AND NETWORK DEFENSE	3	ITT-340	CYBER SECURITY AND ETHICAL HACKING	3.00
<b>TOTAL</b>		<b>15.00</b>			<b>15.00</b>

NOTES
<p>o Students interested in attending GCU may request a pre-evaluation of their transfer credits through the LOPES Specialist. The LOPES Specialist will review all previous college transcripts to determine how the credits will be applied to the potential student's desired program of study. To find out more information on how to request a pre-evaluation please visit our website at <a href="https://www.gcu.edu/admissions/college-transfer-center/transfer-credits.php">https://www.gcu.edu/admissions/college-transfer-center/transfer-credits.php</a>.</p> <p>o *Traditional campus students who have transferred in a minimum of 24 college level credits and have a 3.0 GPA or higher can waive the University Foundations course, UNV-303.</p> <p>o Students who complete a transfer-oriented associate degree (Associate of Arts or Associate of Science) may fulfill Grand Canyon University's General Education requirements. See GCU University Policy Handbook or speak to a GCU enrollment counselor for more details.</p> <p>o Students may transfer a maximum of 90 semester credit hours, no more than 84 credits of which can be lower-division.</p> <p>o Students must earn and/or transfer a minimum of 36 semester credits in upper division (300 or above) courses.</p> <p>o Students must earn and/or transfer a minimum of 120 semester credits in order to earn a Bachelor degree.</p> <p>o 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 <a href="#">University Policy Handbook</a>.</p>

Effective November 2017



**Bachelor of Science in Information Technology with an Emphasis in Cyber Security**

Within the table we have identified preferred courses from Maricopa Community Colleges that will be applicable towards Grand Canyon University's Bachelor of Science in Information Technology with an Emphasis in Cyber Security. The following will be used in evaluating official transcripts and is recommended to maximize transfer credits:

**Maricopa Community Colleges - Chandler-Gilbert**

**Associate in Applied Science in Information Technology; Major: 3023 - Certificate of Completion in Programming and System Analysis; Major: 5048**

POSSIBLE TRANSFER CREDIT SUMMARY			
	# GCU Credits Required	# Credits Applied	GCU Credits Remaining
I. General Education	34.00	22.00	12.00
II. Major Courses	64.00	28.00	36.00
III. Elective Requirements	22.00	10.00	12.00
<b>TOTAL</b>	<b>120.00</b>	<b>60.00</b>	<b>60.00</b>

MARICOPA GENERAL EDUCATION					
Maricopa Course Code	Maricopa Transfer Credits	# Credits Required	GCU Course Code	GCU Course Title	Applied Semester Credits
ENG101 or ENG107	FIRST-YEAR COMPOSITION OR FIRST-YEAR COMPOSITION FOR ESL	3	ENG-105	ENGLISH COMPOSITION I	3.00
ENG102 or ENG108	FIRST-YEAR COMPOSITION OR FIRST-YEAR COMPOSITION FOR ESL	3	ENG-106	ENGLISH COMPOSITION II	3.00
	<a href="#">Oral Communication</a>	3		<a href="#">Effective Communication Transfer - LD</a>	3.00
CRE101	COLLEGE CRITICAL READING OR Equivalent by assessment	0-3		Elective Transfer - LD	0-3
MAT150/151/152 OR higher course	COLLEGE ALGEBRA/FUNCTIONS	3	MAT-154	APPLICATIONS OF COLLEGE ALGEBRA	3.00
	<a href="#">Humanities, Arts &amp; Design</a>	3		<a href="#">Global Awareness Transfer - LD</a>	3.00
	<a href="#">Social-Behavioral Sciences</a>	3		<a href="#">Global Awareness Transfer - LD</a>	3.00
	<a href="#">Natural Sciences</a>	4		<a href="#">Critical Thinking Transfer - LD</a>	4.00
<b>TOTAL</b>		<b>22.00</b>			<b>22.00</b>

MARICOPA MAJOR COURSES					
Maricopa Course Code	Maricopa Transfer Credits	# Credits Required	GCU Course Code	GCU Course Title	Applied Semester Credits
CIS224	PROJECT MANAGEMENT MICROSOFT PROJECT FOR WINDOWS	3	CST-326	WRITTEN AND VERBAL COMMUNICATION FOR SOFTWARE DEVELOPMENT	3.00
CIS105 and CIS150AB	SURVEY OF COMPUTER INFORMATION SYSTEMS (3) AND OBJECT-ORIENTED PROGRAMMING FUNDAMENTALS (3)	6	CST-111	INTRODUCTION TO COMPUTER SCIENCE AND INFORMATION TECHNOLOGY	6.00
CIS126DA or CIS126DL or MST150++	UNIX OPERATING SYSTEM OR LINUX OPERATING SYSTEM OR Any Microsoft Windows course	3		Elective Transfer – LD	3.00
CIS151 or CIS159 or CIS162++ or CIS163AA	COMPUTER GAME DEVELOPMENT – LEVEL I OR VISUAL BASIC PROGRAMMING OR Any C Programming: Level I course OR JAVA PROGRAMMING: LEVEL I	3		Critical Thinking Transfer - LD OR Elective Transfer – LD	3.00
CIS250	MANAGEMENT OF INFORMATION SYSTEMS	3	BIT-415	IT PROJECT MANAGEMENT	3.00
CIS276DB	SQL SERVER DATABASE	3	SYM-400	INTRODUCTION TO DATABASE STRUCTURES	3.00
<b>RESTRICTED ELECTIVES</b>		<b>3</b>			<b>3.00</b>
CIS251	COMPUTER GAME DEVELOPMENT – LEVEL II	3		Elective Transfer – LD	3.00
CIS259	VISUAL BASIC PROGRAMMING II	3		Critical Thinking Transfer - LD	3.00
CIS262++	Any C Programming: Level II course	3		Critical Thinking Transfer - LD	3.00
CIS263AA	JAVA PROGRAMMING: LEVEL II	3	CST-135	COMPUTER PROGRAMMING II	3.00
<b>RESTRICTED ELECTIVES</b>		<b>14</b>			<b>14.00</b>
CIS238 or CIS238DL	ADVANCED UNIX SYSTEM ADMINISTRATION OR LINUX SYSTEM ADMINISTRATION	3	ITT-121	SYSTEM ADMINISTRATION AND MAINTENANCE	3.00
CIS190 or CNT140 or CNT140AA or MST140	INTRODUCTION TO LOCAL AREA NETWORKS (3) OR CISCO NETWORKING BASICS (4) OR INTRODUCTION TO NETWORKS (4) OR MICROSOFT NETWORKING ESSENTIALS (3)	3	ITT-116	PLATFORMS AND NETWORK TECHNOLOGIES	3.00
CNT150 or CNT150AA	CISCO NETWORKING ROUTER TECHNOLOGIES OR CISCO – ROUTING AND SWITCHING ESSENTIALS	4	ITT-270	ROUTING AND SWITCHING	4.00

MARICOPA MAJOR COURSES					
Maricopa Course Code	Maricopa Transfer Credits	# Credits Required	GCU Course Code	GCU Course Title	Applied Semester Credits
CIS270	ESSENTIALS OF NETWORK AND INFORMATION SECURITY	3	ITT-307	CYBER SECURITY FOUNDATIONS	3.00
	Any approved IT Elective course	1		Elective Transfer – LD	1.00
<b>TOTAL</b>		<b>38.00</b>			<b>38.00</b>

GCU REMAINING GENERAL EDUCATION REQUIREMENTS		
GCU Course Code	GCU Course Title	# Credits Remaining
UNV-103/303*	UNIVERSITY SUCCESS	4.00
CWV-101/301	CHRISTIAN WORLDVIEW	4.00
	Critical Thinking	4.00
<b>TOTAL</b>		<b>12.00</b>

GCU REMAINING MAJOR REQUIREMENTS		
GCU Course Code	GCU Course Title	# Credits Remaining
ITT-370	WIRELESS NETWORKS	4
ITT-340	CYBER SECURITY AND ETHICAL HACKING	4
SYM-408	RELATIONAL DATABASE FOR BUSINESS APPLICATIONS	4
ITT-415	IT BUSINESS CASE PLANNING FOR GLOBAL ENTERPRISE	4
ITT-430	SECURITY DRIVEN SYSTEMS ADMINISTRATION	4
ITT-375	CYBER FORENSIC INVESTIGATIONS	4
STG-390	PROFESSIONALISM IN SCIENCE & TECHNOLOGY: COMMUNICATIONS, CONDUCT AND ETHICS	4
ITT-455	IT PROJECT	4
ITT-425	ANALYSIS, DESIGN, AND MAINTENANCE OF SECURE CORPORATE NETWORKS	4
<b>TOTAL</b>		<b>36.00</b>

RECOMMENDED ELECTIVES TO MAXIMIZE TRANSFER CREDIT					
Maricopa Course Code	Maricopa Transfer Credits	# Credits Required	GCU Course Code	GCU Course Title	Applied Semester Credits
CIS225	BUSINESS SYSTEM ANALYSIS AND DESIGN	3	SYM-408	RELATIONAL DATABASES FOR BUSINESS APPLICATIONS	3.00
<b>TOTAL</b>		<b>3.00</b>			<b>3.00</b>

NOTES
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Effective November 2017

**Bachelor of Science in Information Technology with an Emphasis in Cyber Security**

Within the table we have identified preferred courses from Maricopa Community Colleges that will be applicable towards Grand Canyon University's Bachelor of Science in Information Technology with an Emphasis in Cyber Security. The following will be used in evaluating official transcripts and is recommended to maximize transfer credits:

**Maricopa Community Colleges - Chandler-Gilbert**

**Associate in Applied Science in Information Technology; Major: 3023 - Certificate of Completion in Web Design; Major: 5159**

POSSIBLE TRANSFER CREDIT SUMMARY			
	# GCU Credits Required	# Credits Applied	GCU Credits Remaining
I. General Education	34.00	22.00	12.00
II. Major Courses	64.00	16.00	48.00
III. Elective Requirements	22.00	22.00	0.00
<b>TOTAL</b>	<b>120.00</b>	<b>60.00</b>	<b>60.00</b>

MARICOPA GENERAL EDUCATION					
Maricopa Course Code	Maricopa Transfer Credits	# Credits Required	GCU Course Code	GCU Course Title	Applied Semester Credits
ENG101 or ENG107	FIRST-YEAR COMPOSITION OR FIRST-YEAR COMPOSITION FOR ESL	3	ENG-105	ENGLISH COMPOSITION I	3.00
ENG102 or ENG108	FIRST-YEAR COMPOSITION OR FIRST-YEAR COMPOSITION FOR ESL	3	ENG-106	ENGLISH COMPOSITION II	3.00
	<a href="#">Oral Communication</a>	3		<a href="#">Effective Communication Transfer - LD</a>	3.00
CRE101	COLLEGE CRITICAL READING OR Equivalent by assessment	0-3		Elective Transfer - LD	0-3
MAT150/151/152 OR higher course	COLLEGE ALGEBRA/FUNCTIONS	3	MAT-154	APPLICATIONS OF COLLEGE ALGEBRA	3.00
	<a href="#">Humanities, Arts &amp; Design</a>	3		<a href="#">Global Awareness Transfer - LD</a>	3.00
	<a href="#">Social-Behavioral Sciences</a>	3		<a href="#">Global Awareness Transfer - LD</a>	3.00
	<a href="#">Natural Sciences</a>	4		<a href="#">Critical Thinking Transfer - LD</a>	4.00
<b>TOTAL</b>		<b>22.00</b>			<b>22.00</b>

MARICOPA MAJOR COURSES					
Maricopa Course Code	Maricopa Transfer Credits	# Credits Required	GCU Course Code	GCU Course Title	Applied Semester Credits
CIS224	PROJECT MANAGEMENT MICROSOFT PROJECT FOR WINDOWS	3	CST-326	WRITTEN AND VERBAL COMMUNICATION FOR SOFTWARE DEVELOPMENT	3.00
CIS120DC	ADOBE ANIMATE: DIGITAL ANIMATION	3		Elective Transfer – LD	3.00
CIS120DF or CIS120AF and CIS120BF and CIS120CF	ADOBE PHOTOSHOP LEVEL I: DIGITAL IMAGING (3) OR COMPUTER GRAPHICS: ADOBE PHOTOSHOP: LEVEL I (1) OR COMPUTER GRAPHICS: ADOBE PHOTOSHOP: LEVEL II (1) OR COMPUTER GRAPHICS: ADOBE PHOTOSHOP: LEVEL III (1)	3		Elective Transfer – LD	3.00
CIS133DA	INTERNET/WEB DEVELOPMENT LEVEL I	3	DDN-300	WEB DESIGN I	3.00
CIS166++	Any Web Scripting course	3		Elective Transfer – LD	3.00
CIS233DA	INTERNET/WEB DEVELOPMENT LEVEL II	3	CST-236	DATABASE APPLICATION PROGRAMMING II	3.00
CIS235	E-COMMERCE	3		Elective Transfer – LD	3.00
<b>RESTRICTED ELECTIVES</b>		<b>17</b>			<b>17.00</b>
CIS105 and CIS150AB	SURVEY OF COMPUTER INFORMATION SYSTEMS (3) AND OBJECT-ORIENTED PROGRAMMING FUNDAMENTALS (3)	6	CST-111	INTRODUCTION TO COMPUTER SCIENCE AND INFORMATION TECHNOLOGY	6.00
CIS105 and CSC100	SURVEY OF COMPUTER INFORMATION SYSTEMS (3) AND INTRODUCTION TO COMPUTER SCIENCE (C++) (3)	6	CST-111	INTRODUCTION TO COMPUTER SCIENCE AND INFORMATION TECHNOLOGY	6.00
CIS190 or CNT140 or CNT140AA or MST140	INTRODUCTION TO LOCAL AREA NETWORKS (3) OR CISCO NETWORKING BASICS (4) OR INTRODUCTION TO NETWORKS (4) OR MICROSOFT NETWORKING ESSENTIALS (3)	3	ITT-116	PLATFORMS AND NETWORK TECHNOLOGIES	3.00
CIS238 or CIS238DL	ADVANCED UNIX SYSTEM ADMINISTRATION OR LINUX SYSTEM ADMINISTRATION	3	ITT-121	SYSTEM ADMINISTRATION AND MAINTENANCE	3.00
CNT150 or CNT150AA	CISCO NETWORKING ROUTER TECHNOLOGIES OR CISCO – ROUTING AND SWITCHING ESSENTIALS	4	ITT-270	ROUTING AND SWITCHING	4.00



MARICOPA MAJOR COURSES					
Maricopa Course Code	Maricopa Transfer Credits	# Credits Required	GCU Course Code	GCU Course Title	Applied Semester Credits
	Any approved IT Elective course	1		Elective Transfer – LD	1.00
<b>TOTAL</b>		<b>38.00</b>			<b>38.00</b>

GCU REMAINING GENERAL EDUCATION REQUIREMENTS		
GCU Course Code	GCU Course Title	# Credits Remaining
UNV-103/303*	UNIVERSITY SUCCESS	4.00
CWV-101/301	CHRISTIAN WORLDVIEW	4.00
	Critical Thinking	4.00
<b>TOTAL</b>		<b>12.00</b>

GCU REMAINING MAJOR REQUIREMENTS		
GCU Course Code	GCU Course Title	# Credits Remaining
ITT-307	CYBER SECURITY FOUNDATIONS	4
SYM-400	INTRODUCTION TO DATABASE STRUCTURES	4
BIT-415	IT PROJECT MANAGEMENT	4
ITT-370	WIRELESS NETWORKS	4
ITT-340	CYBER SECURITY AND ETHICAL HACKING	4
SYM-408	RELATIONAL DATABASE FOR BUSINESS APPLICATIONS	4
ITT-415	IT BUSINESS CASE PLANNING FOR GLOBAL ENTERPRISE	4
ITT-430	SECURITY DRIVEN SYSTEMS ADMINISTRATION	4
ITT-375	CYBER FORENSIC INVESTIGATIONS	4
STG-390	PROFESSIONALISM IN SCIENCE & TECHNOLOGY: COMMUNICATIONS, CONDUCT AND ETHICS	4
ITT-455	IT PROJECT	4
ITT-425	ANALYSIS, DESIGN, AND MAINTENANCE OF SECURE CORPORATE NETWORKS	4
<b>TOTAL</b>		<b>48.00</b>

RECOMMENDED ELECTIVES TO MAXIMIZE TRANSFER CREDIT					
Maricopa Course Code	Maricopa Transfer Credits	# Credits Required	GCU Course Code	GCU Course Title	Applied Semester Credits
CIS225	BUSINESS SYSTEM ANALYSIS AND DESIGN	3	SYM-408	RELATIONAL DATABASES FOR BUSINESS APPLICATIONS	3.00
CIS250	MANAGEMENT OF INFORMATION SYSTEMS	3	BIT-415	IT PROJECT MANAGEMENT	3.00
CIS270	ESSENTIALS OF NETWORK AND INFORMATION SECURITY	3	ITT-307	CYBER SECURITY FOUNDATIONS	3.00
CIS276DB or CIS276DC	SQL SERVER DATABASE OR ORACLE DATABASE	3	SYM-400	INTRODUCTION TO DATABASE STRUCTURES	3.00
ITS240	ETHICAL HACKING AND NETWORK DEFENSE	3	ITT-340	CYBER SECURITY AND ETHICAL HACKING	3.00
<b>TOTAL</b>		<b>15.00</b>			<b>15.00</b>

NOTES
<p>o Students interested in attending GCU may request a pre-evaluation of their transfer credits through the LOPES Specialist. The LOPES Specialist will review all previous college transcripts to determine how the credits will be applied to the potential student's desired program of study. To find out more information on how to request a pre-evaluation please visit our website at <a href="https://www.gcu.edu/admissions/college-transfer-center/transfer-credits.php">https://www.gcu.edu/admissions/college-transfer-center/transfer-credits.php</a>.</p> <p>o *Traditional campus students who have transferred in a minimum of 24 college level credits and have a 3.0 GPA or higher can waive the University Foundations course, UNV-303.</p> <p>o Students who complete a transfer-oriented associate degree (Associate of Arts or Associate of Science) may fulfill Grand Canyon University's General Education requirements. See GCU University Policy Handbook or speak to a GCU enrollment counselor for more details.</p> <p>o Students may transfer a maximum of 90 semester credit hours, no more than 84 credits of which can be lower-division.</p> <p>o Students must earn and/or transfer a minimum of 36 semester credits in upper division (300 or above) courses.</p> <p>o Students must earn and/or transfer a minimum of 120 semester credits in order to earn a Bachelor degree.</p> <p>o 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 <a href="#">University Policy Handbook</a>.</p>

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