Transfer Articulation Pathway **(TAP)**
2015-2016 Catalog
Maricopa Community Colleges- Associate in Applied Science in Networking Technology: Cisco
(Major Code 3816, Offered at, Chandler-Gilbert, Estrella Mountain, Glendale, GateWay)
to
Antioch University Connected Bachelor of Science in Applied Technology and Business Leadership

Associate in Applied Science in Networking Technology: Cisco

Required Courses 20-24 credits	
+ BPC170 Computer Maintenance I: A+ Prep 3 CIS126++ UNIX/Linux Operating System (any module) (3) OR MST150 Microsoft Windows Professional (3) OR MST150VI Microsoft Windows Vista Administration (3) OR MST150XP Microsoft Windows XP Professional (3) 3 One of the following 2 tracks must be fulfilled: Track 1 Exploration: Credits: 14 - 18 CNT140 Cisco Networking Basics (4) OR CNT140AA Introduction to Networks (4) OR CNT138 CCNA Discovery - Networking for Home and Small Businesses (3) AND + CNT148 CCNA Discovery - Working at a Small-to-Medium Business or Internet Service Provider (3) 4-6 + CNT150 Cisco Networking Router Technologies (4) OR + CNT150AA Cisco - Routing and Switching Essentials (4) 4 + CNT160 Cisco Switching Basics and Intermediate Routing (3) OR + CNT160AA Scaling Networks (4) 3-4 + CNT170 Cisco Wide Area Networks (WAN) Technologies (3) OR + CNT170AA Cisco - Connecting Networks (4) 3-4 Track 2 Discovery: Credits: 14 CNT138 CCNA Discovery - Networking for Home and Small Businesses 3 + CNT148 CCNA Discovery - Working at a Small-to-Medium Business or Internet Service Provider 3 + CNT158 CCNA Discovery - Introduction to Routing and Switching in the Enterprise 4 + CNT168 CCNA Discovery - Designing and Supporting Computer Networks 4	20-24
Restricted Electives 15 credits	
Student may select fifteen (15) credits from any of the following courses, except courses used to satisfy Required Courses area: BPC110 Computer Usage and Applications (3) OR CIS105 Survey of Computer Information Systems (3) 3 CIS126++ UNIX/Linux Operating System (any module) (3) OR MST150 Microsoft Windows Professional (3) OR MST150VI Microsoft Windows Vista Administration (3) OR MST150XP Microsoft Windows XP Professional (3) 3 + CIS190 Introduction to Local Area Networks (3) OR MST140 Microsoft Networking Essentials (3) 3 + CIS270 Essentials of Network and Information Security 3 + CIS296WA Cooperative Education (1) OR + CIS296WB Cooperative Education (2) OR + CIS296WC Cooperative Education (3) OR + CIS296WD Cooperative Education (4) 1-4	15

CIS298AA Special Projects (1) OR CIS298AB Special Projects (2) OR CIS298AC Special Projects (3) 1-3 CIS121AB Microsoft Command Line Operations 1 CIS102 Interpersonal and Customer Service Skills for IT Professionals 1 CIS110 Home Entertainment and Computer Networking 3 ELT100 Survey of Electronics 3 CIS224 Project Management Microsoft Project for Windows 3 + CNT145 Voice and Data Cabling 4 + CNT205 Cisco Certified Network Associate Security 4 + CNT181 Cisco Securing IOS Networks 4 + CNT202 Cisco Secure Firewall Appliance Configuration 4 + CNT183 Cisco Secure Virtual Private Network Configuration 3 + CNT185 Cisco Network Security 4 + CNT206 Cisco Certified Network Associate Wireless 4 + CNT190 Cisco Network Design 3 ++ CNT2++++ Any 200 level course with a CNT Prefix 1-4 + BPC270 Computer Maintenance II: A+ Technician Prep 3 + BPC273 Advanced Server Computer Maintenance: Server+ Prep 3 + CIS127DL Linux Utilities 3 + CIS238DL Linux System Administration 3 + CIS239DL Linux Shell Scripting 3 + CIS240DL Linux Network Administration 3 + CIS241DL Apache Web Server Administration (Linux/Unix) 3 + CIS271DL Linux Security 3 + CIS274DL Linux Enterprise Network Security 3 + MST152 Microsoft Windows Server (4) OR + MST152DA Microsoft Windows 2000 Server (4) OR + MST152DB Microsoft Windows 2003 Server (4) 4 + MST155 Implementing Windows Network Infrastructure 3 + MST157 Implementing Windows Directory Services 3 + CIS250 Management of Information Systems 3 CIS280 Current Topics in Computing 3 + CIS290AA Computer Information Systems Internship (1) OR + CIS290AB Computer Information Systems Internship (2) OR + CIS290AC Computer Information Systems Internship (3) 1-3	
General Education Requirements 25 credits	
General Education Core (15 credits)	
+ ENG101 First-Year Composition (3) OR + ENG107 First-Year Composition for ESL (3) AND + ENG102 First-Year Composition (3) OR + ENG108 First-Year Composition for ESL (3) OR + ENG111 Technical and Professional Writing	6
Any approved General Education course in the **Oral Communication** area.#	3
CRE101 Critical and Evaluative Reading I (3) OR Equivalent as indicated by assessment	3
Any approved general education course from the **Mathematics** area.#	0-5
General Education Distribution (10 credits)	
Any approved general education course from **Humanities and Fine Arts** area.#	3
Any approved general education course from the **Social-Behavioral Sciences** area.#	3
Any approved course general education course from **Natural Sciences** area.#	4

Total: 60-64

*Courses accepted for transfer to AUC must be graded C or better.
+ Indicates course has prerequisites and/or corequisites
#Select from general education course list: https://asa.maricopa.edu/sites/default/files/15-16-AAS-GE.pdf

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Bachelor of Science in Applied Technology and Business Leadership**

	Interdisciplinary Core Courses	
INTD-3210	Experience and Expression	3
INTD-3250	Modes and Methods of Learning	3
INTD-3310	Literary Analysis and Argumentation	3
INTD-3350	Culture, Conflict, and Social Research	3
INTD-3450	Foundations of Civilization	3
INTD-3510	Ecology, Technology, and Society	3
INTD-3550	Leadership	3
	Applied Studies Requirements***	
	Transfer Credits- Technical or Professional Courses approved by Antioch Advisor (18 credits)	
	Professional Core (Choose 3)***	
MGT-3680	Accounting/Budgeting	3
MGT-4780	Strategic Marketing	3
MGT-4840	Ethical Issues in Management	3
MGT-4960	Organizational Behavior	3
	Professional Seminars	
COM-3600	Business Communications	3
CRE-3300	Intercultural Conflict	3
HUM-3600	Justice and Equity	3
	Applied Learning/Prior Experiential Learning	
------	Applied Learning Field Work	3
PRO-4970	Senior Project	3

Total: 56-60

Summary

Maricopa Community Colleges Credits	**60-64 Credits**
Antioch University Credits	**56-60 Credits**
	Degree Total: 120 Credits

**Courses subject to change
***Select courses may be waived or substituted and electives may be transferred in from Maricopa Community Colleges