



NETWORKING, A.A.S.

COURSES THAT FULFILL GENERAL EDUCATION REQUIREMENTS

CONTENT AREA	COURSE NUMBER AND COURSE TITLE	TOTAL CREDITS
ENGLISH & COMMUNICATION	ENG 1021: ENGLISH COMPOSITION I (REQUIRED) ENG 1022: ENGLISH COMPOSITION II (REQUIRED)	6
MATHEMATICS	MAT 1340: COLLEGE ALGEBRA (REQUIRED)	4
BUSINESS	BUS 1015: INTRODUCTION TO BUSINESS (REQUIRED) BUS 2017: BUSINESS COMMUNICATION AND REPORT WRITING (REQUIRED)	6
GENERAL EDUCATION CREDITS		16

ADDITIONAL REQUIRED COURSES FOR NETWORKING, A.A.S.

CONTENT AREA	COURSE NUMBER AND COURSE TITLE	TOTAL CREDITS
COMPUTER INFORMATION SYSTEMS	CIS 1018: INTRODUCTION TO PC APPLICATIONS (REQUIRED)	3
COMPUTER INFORMATION SYSTEMS	CIS 1028: INTROCUION TO OPERATING SYSTEMS (REQUIRED)	3
COMPUTER INFORMATION SYSTEMS	CIS 2003: TECHNOLOGY FOR CAREER SUCCESS (ONLINE ONLY) (REQUIRED)	2
COMPUTER INFORMATION SYSTEMS	CIS 2068: SYSTEMS ANALYSIS AND DESIGN I (REQUIRED)	3
COMPUTER INFORMATION SYSTEMS	CNG 1001: NETWORKING FUNDAMENTALS (REQUIRED)	3
COMPUTER INFORMATION SYSTEMS	CNG 1024: NETWORKING: NETWORK+ (REQUIRED)	3
COMPUTER INFORMATION SYSTEMS	CNG 1032: NETWORK SECURITY FUNDAMENTALS (REQUIRED)	3
COMPUTER INFORMATION SYSTEMS	CNG 2060: CISCO NETWORK ASSOCIATE I (REQUIRED)	5
COMPUTER INFORMATION SYSTEMS	CNG 2061: CISCO NETWORK ASSOCIATE II (REQUIRED)	5
COMPUTER INFORMATION SYSTEMS	CNG 2062: CISCO NET WORK ASSOCIATE III (REQUIRED)	5
COMPUTER INFORMATION SYSTEMS	CNG 2063: CISCO NETWORK ASSOCIATE IV (REQUIRED)	5
ADDITIONAL PROGRAM CREDITS		40

ELECTIVE COURSES

COURSE NUMBER AND COURSE TITLE	TOTAL CREDITS	
SELECT 6 CREDITS: CIS 2002: AUTOMATED PROJECT MANAGEMENT CIS 2023: LINUX OR CNG 2011: WINDOWS CONFIGURATION: WINDOWS 10 CIS 2067: MANAGEMENT OF INFORMATION SYSTEMS CIS 2080: INTERNSHIP OR CNG 1042: INTRODUCTION TO CLOUD COMPUTING	6	
TOTAL CREDIT HOURS		62



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Recommended order of courses¹

(The department recommends taking the courses in this order to complete the degree.)

FOR COURSES THAT ARE NOT REQUIRED: If you cannot register for the course on this map or want to take one that is not listed, please talk to your pathway advisor.)

SEMESTER 1	CREDITS
ENG 1021: English Composition I (REQUIRED)	3
BUS 1015: Introduction to Business (REQUIRED)	3
CIS 1018: Introduction to PC Applications (REQUIRED)	3
CNG 1001: Networking Fundamentals (REQUIRED)	3
CIS 1028: Operating System: Using Windows, OSX, Linux (REQUIRED)	3
SEMESTER CREDITS	15
SEMESTER 2	CREDITS
BUS 2017: Business Communication and Report Writing (REQUIRED)	3
ENG 1022: English Composition II (REQUIRED)	3
CIS 2003: Technology for Career Success (ONLINE ONLY) (REQUIRED)	2
CNG 1024: Networking I: Network+ (REQUIRED)	3
CIS 2002: Automated Project Management OR CIS 2023: Linux OR CNG 2011: Windows Configuration Windows 10 OR CIS 2067: Management of Information Systems OR CIS 2080: Internship OR CNG 1042: Introduction to Cloud Computing	3
SEMESTER CREDITS	14
SEMESTER 3	CREDITS
MAT 1340: College Algebra (REQUIRED)	4
CNG 1032: Network Security Fundamentals (REQUIRED)	3
CNG 2060: CISCO Network Associate I (REQUIRED)	5
CNG 2061: CISCO Network Associate II (REQUIRED)	5
SEMESTER CREDITS	17
SEMESTER 4	CREDITS
CIS 2002: Automated Project Management OR CIS 2023: Linux OR CNG 2011: Windows Configuration Windows 10 OR CIS 2067: Management of Information Systems OR CIS 2080: Internship OR CNG 1042: Introduction to Cloud Computing	3
CIS 2068: Systems Analysis and Design I (REQUIRED)	3
CNG 2062: CISCO Network Associate III (REQUIRED)	5
CNG 2063: CISCO Network Associate IV (REQUIRED)	5
SEMESTER CREDITS	16

¹ Placement into courses is dependent on test scores or credit for prior learning. See a Pathways Advisor for details. Plans that include ESL, CCR, and AAA courses will increase the total number of hours to completion.