



This program is specifically designed to prepare students as entry-level Microsoft 2003 Network Administrators. Student are encouraged to take the Microsoft Technical Certification tests to receive the MCP, MCSA and MCSE certifications from Microsoft.

NOTE: Arapahoe Community College has no control over curriculum changes made by the agencies mentioned above.

Microsoft Certified System Administrator (MCSA) – 14 credit hours

	CNG 211 Windows XP Configuration	3
	CNG 212 Manage a MS Windows Server Environment	4
	CNG 213 Implement a MS Windows Network Infrastructure	4
	CNG 226 Implementing and Managing MS Exchange	3

MCSE Windows Server 2003 (MCSE) Microsoft Certified Systems Engineer 2003 Core Classes – 11 credit hours

	CNG 211 Windows XP Configuration	3
	CNG 212 Manage a MS Windows Server Environment	4
	CNG 213 Implement a MS Windows Network Infrastructure	4

Microsoft Certified Systems Engineer Elective classes – 14 credit hours

Choose four of the following:

	CNG 215 Managing a Microsoft Windows Network Environment	3
	CNG 216 Plan a MS Windows Server Active Directory Infrastructure	4
	CNG 222 Designing a Windows Secure Network	3
	CNG 226 Implementing and Managing MS Exchange	4

These programs are specifically designed to prepare students as entry-level Cisco Administrators. Students are encouraged to take the Cisco Technical Certification tests to receive the CCNA certification from Cisco.

CISCO Network Administrator (CCNA) – 20 credit hours

	CNG 260 CISCO Network Associate I	5
	CNG 261 CISCO Network Associate II	5
	CNG 262 CISCO Network Associate III	5
	CNG 263 CISCO Network Associate IV	5

**CERTIFICATE,
COMPUTER NETWORK TECHNOLOGY
2007-2008**

This program is specifically designed to prepare students as entry-level UNIX Administrators. This certificate covers different platforms of UNIX, including Solaris and Linux. This will provide students with the background to prepare for the Solaris System Administrator certification exam.

UNIX Network Administration – 15 credit hours

	CIS 220 Fundamentals of UNIX (Linux)	3
	CIS 232 UNIX Shell Programming (Linux)	3
	CNG 222 Designing a Windows Secure Network	3
	CSC 160 Computer Science I (Language)	4
	CSC 269 Programming in Perl	2

This program is specifically designed to prepare students as entry-level Computer/Networking Security Technicians. Students are encouraged to take the CWSP and Security + tests to receive the industry certifications.

Computer and Networking Security – 22 credit hours

	CIS 220 Fundamentals of UNIX (Linux)	3
	CIS 232 UNIX Shell Programming (Linux)	3
	CNG 136 Guide to Disaster Recovery	3
	CNG 225 Wireless Network Security	3
	CNG 253 Firewalls and How They Work	3
	CNG 257 Network Defense and Counter Measures	3
	CNG 258 Computer Forensics	4

CERTIFICATE, COMPUTER NETWORK TECHNOLOGY 2007-2008

IMPORTANT PROGRAM INFORMATION:

Please see Advising with any questions concerning this program; 303.797.5664 or Advising@arapahoe.edu.

ASSESSMENT REQUIREMENTS:

Basic Skills courses may be required based on assessment scores. It is the student's responsibility to take these course requirements within the first 30 credits at ACC. Basic Skills courses are also available at other area community colleges.

Tested Out/ Completed	Semester	ACT/ SAT Last 2 yrs	Accuplacer	Course	Credits
Sentence Skills					
			25-49	See Developmental Studies Advisor	
			50-69	ENG060	3
			70-94	ENG090	3
		18/440	95-120	ENG 121	3
Reading					
			25-39	See Developmental Studies Advisor	
			40-61	REA060	3
			62-79	REA090	3
		17/430	80-120	REA 112	3
Mathematics					
		Arithmetic	24-56	MAT030	2
		Arithmetic	57-120	MAT060	3
		Elem. Alg.	45-60	MAT090	4
		Elem. Alg.	61-84	MAT106/111	5
		19/460	85-120	MAT 120,121,123,135/179	4
Study Skills/Orientation					
	Academic Achievement Strategies			AAA090	3
	College Orientation			AAA101	1
	Advanced Academic Achievement			AAA 109	3

EXEMPTIONS TO ASSESSMENT TESTING:

1. Have successfully completed a college-level mathematics and college-level English course with a grade of C or better. You must provide a transcript.
2. Have achieved the minimum ACT/SAT scores shown above within the last 2 years and provide documentation.
3. Have successfully completed necessary remedial course(s), if required with a "C" or better.
4. Have earned an Associate's degree or higher. You must provide documentation.

5. Some degree programs do not allow a waiver for the CPT.

IMPORTANT TELEPHONE NUMBERS:

Admission and Records	admissions@arapahoe.edu	M2470	303.797.5621
Advising and Counseling Center	advising@arapahoe.edu	M 2010	303.797.5664
Bookstore	0249mgr@fhcg.follett.com	M1200	303.797.5676
Campus Police	campuspolice@arapahoe.edu	M2600	303.797.5800
Career Center	careers@arapahoe.edu	M2025	303.797.5805
Cashier		M2300	303-797-5638
Child Development Center		N1000	303.797.5678
Disability Services	heather.lawler@arapahoe.edu	M2710	303.797.5937 v/tty
Financial Aid		M2115	303.797.5661
	• Apply online at www.FAFSA.ed.gov		
Information Central	info-central@arapahoe.edu	M2800	303-797-4222
Library	library@arapahoe.edu	M2500	303.797.5090
Math Lab	math@arapahoe.edu	M3610	303.797.5877
	• Students must register for MAT 101 Enhanced Mathematics Lab		
Open Computer Lab		M1650	303.797.5907
Student Affairs	heather.lawler@arapahoe.edu	M2820	303.797.5668
Testing Center		M2280	303.797.5993
Tutorial Services	debra.goldberg@arapahoe.edu	M2710	303.797.5937 v/tty
Writing Center		M2855	303.797.5830

Location Abbreviations:

A – Annex	AD – Art and Design Center
CSB – Church Street Building	M – Main Building
UCC – University Center @ Chaparral (15653 Brookstone Dr, Parker)	N – North Building

TRANSFER INFORMATION:

1. It is important that you consult an advisor and the transfer institution when choosing courses, as certain majors have particular degree prerequisites and general education course requirements that need to be taken within the Associate degree program.
2. Students who complete a 60 credit hour A.A./A.S. degree with appropriate course requirements and grades of C or better may be able to complete a Baccalaureate degree in 60 additional credits after transferring to a 4-year public institution.
3. Consult your ACC Advisor about Colorado's 60 + 60 plans.
4. ACC has articulation agreements with several four-year institutions; visit the ACC Transfer Center of the website (www.arapahoe.edu) for more information.

SUGGESTIONS FOR SUCCESS

1. Obtain and read a copy of the ACC catalog.
2. Attend a New Student Orientation session.
3. Maintain current contact information on file and read all correspondence from ACC.
4. Take your CPT or be exempted (see above) before meeting with an academic advisor.
5. Take English, Speech and Math classes early in your program.
6. See your advisor about balancing your workload with credit load.
7. If you want to graduate in two years, take a minimum of fifteen college-level credits per fall/spring semester or twelve credits Fall/Spring and six credits Summer.
8. Transfer and financial aid students should consult an advisor before registering.

GRADUATION INFORMATION

1. No catalog more than six years old may be used for graduation requirements; the 2007/2008 catalog may not be used beyond the Spring 2013 semester.
2. **You must apply for graduation; obtain the application online at www.arapahoe.edu (Student Services) and apply by: April 1 (summer graduation), July 1 (fall graduation) and November 1 (spring graduation).**

For more information log on to www.arapahoe.edu.

Last Updated 06.21.2007