

This program is designed to help prepare students to work in technical positions in communication fields – including cable television, satellite, telephone companies with communication network applications, and other related industries. Program content has been structured to give a basic education to all graduates entering this field. Emphasis has been placed on providing a common core of training for all students due to the convergence of the communication industries.

Major Courses –24 credit hours

	CIS 115 Introduction to Computer Information Systems	3
	CTC 150 Data Communication	3
	CTC 161 Voice Communication	3
	CTC 215 Optical Networks	3
	CTC 220 Regulations and Standards	3
	ELT 106 Fundamentals of DC/AC	3
	ELT 112 Advanced DC/AC	3
	MAN 224 Leadership OR	
	MAN 116 Principles of Supervision	3

General Education Courses – 19 credit hours

	BUS 115 Introduction to Business	3
	ECO 201 Principles of Macroeconomics	3
	ENG 121 English Composition I OR	3
	ENG 131 Technical Writing I	
	MAT 121 College Algebra	4
	SPE 115 Public Speaking OR	3
	SPE 125 Interpersonal Communication	
	PSY 116 Stress Management OR	3
	PHI 113 Logic	3
	Select one class from the following :	
	BTE 102 Keyboarding Applications	3
	BUS 116 Personal Finance	3
	ECO 202 Principles of Microeconomics	3
	MAR 106 Marketing Your Image	3
	MAR 216 Principles of Marketing	3
	MAN 226 Principles of Management	3

**Students taking courses online may substitute MAT 121 (4 credit hours)

Physical Education – 1 credit hour

	PED Any Activity Course (The PED requirement will be waived for students who are 35 yrs or older at time of most recent admission to College. One credit hour must be taken to substitute for hour waived)	1
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You must choose one of the following degree options:

Communication Technology Option – 20 credit hours

	CTC 160 Cable Communications	3
	CTC 163 Video Technology	3
	CTC 166 Emerging Technologies	2
	CTC 275 Special Topics	3
	Choose nine credits from the following elective list	9

Network Technician Option – 19 credit hours

	CNG 129 Network Cabling	2
	CTC 160 Cable Communications	3
	CTC 162 Telecommunications Construction and OSHA Safety	3
	CTC 166 Emerging Technologies	2
	CTC 267 Telecommunications Installation, Splicing and Repair	3
	Choose six credits from the following elective list	6

Telecommunications Engineering Option – 21 credit hours

	CAD 101 Computer Aided Drafting I	3
	CTC 160 Cable Communications	3
	CTC 240 Telecommunications Engineering and Outside Plant	3
	CTC 255 Field Studies: Engineering Planning	3
	ECO 202 Principles of Microeconomics	3
	Choose six credits from the following elective list	6

Central Office Technician Option – 13 credit hours

	CNG 129 Network Cabling	2
	CTC 160 Cable Communications	3
	Choose ten credits from the following elective list	10

Electives

	CIS 155 PC Spreadsheet Concepts: Excel	3
	CNG 224 Microsoft Windows Wireless Network	3
	CNG 131 Network Security Fundamentals	3
	CTC 280 Co-op Internship	3

Total Required – 60-65 credits

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:

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

- 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:

- 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.
- 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.
- Consult your ACC Advisor about Colorado's 60 + 60 plans.
- 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

- Obtain and read a copy of the ACC catalog.
- Attend a New Student Orientation session.
- Maintain current contact information on file and read all correspondence from ACC.
- Take your CPT or be exempted (see above) before meeting with an academic advisor.
- Take English, Speech and Math classes early in your program.
- See your advisor about balancing your workload with credit load.
- 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.
- Transfer and financial aid students should consult an advisor before registering.

GRADUATION INFORMATION

- 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.
- 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