

The Associate of General Studies degree in Broadband Business Management allows students the unique option of building a job-specific degree to suit their career choice. The A.G.S. combines courses from a Jones/NCTI certificate, based on industry-specific competencies, with electives and general requirements. The result is a degree that demonstrates job-specific expertise and general business knowledge, all while providing unparalleled opportunity for success.

Broadband and cable industry professionals completing this degree will find success as managers of line technicians, maintenance technicians, fiber optics technicians and headend technicians, to name a few. These individuals will manage the personnel, processes and technologies used in design, construction, installation, maintenance and service of broadband coaxial and fiber networks.

**General Education Credits – 33-35 credit hours**

**Major Courses - 29 credit hours (Combine major courses with restricted electives to total 29 credit hours)**

**I. Communication – 31 credit hours**

	ENG 121 English Composition I	3
	ENG 131 Technical Writing	3
	SPE 115 Public Speaking <b>OR</b>	
	SPE 125 Interpersonal Communications	3

**II. Humanities – 9-11 credit hours**

	PHI 112 Ethics	3
	Foreign Language (ARA, CHI, FRE, JPN, LAT, SPA 111-112) <b>OR</b>	
	Foreign Language (ARA, CHI, FRE, JPN, LAT, SPA 211-212) <b>OR</b>	
	SPA 114 Fast Track Spanish I and II <b>OR</b>	
	ASL 121 Introduction to American Sign Language <b>OR</b>	
	ASL American Sign Language II	3-5
	<b>Choose one Foreign Language and one of the following:</b>	
	HIS 201 U.S. History I	3
	LIT 115 Introduction to Literature	3
	SPE 125 Interpersonal Communication (if not taken as a communication credit)	3

**III. Social Sciences – 9 credit hours**

	ECO 201 Principles of Macroeconomics	3
	PSY 101 General Psychology I <b>OR</b>	
	PSY 116 Stress Management	3
	SOC 101 Introduction to Sociology I	3

**IV. Sciences – 3 credit hours**

	CIS 118 Introduction to PC Applications	3
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**V. Math – 3 credit hours**

	MAT 121 College Algebra (or higher)	3
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**Major Courses – 29 credit hours**

	CTC 107 Installer (or choose one restricted elective)	3
	CTC 109 Installer Technician	4
	CTC 111 Service Technician	4
	CTC 113 Systems Technician	4
	CTC 127 Fiber Installation and Activation	2
	CTC 128 Fiber Testing and Maintenance	2
	CTC 165 Advanced Technician	4
	MAN 116 Principles of Supervision	3
	MAN 226 Principles of Management	3

**Restricted Electives**

(Combine major courses with restricted electives to total 29 credit hours)

	CTC 117 Computer and Broadband Modems	3
	CTC 118 Broadband Digital Installer	3
	CTC 120 Understanding Voice and Data Networks	3
	CTC 124 Troubleshooting Advanced Services	3

\_\_\_\_\_ **Total Required – 60-64 credits**

**IMPORTANT TELEPHONE NUMBERS:**

**STUDENT SERVICES**

<b>Admission and Records</b>	<b>M2470</b>	<b>303.797.5621</b>
<ul style="list-style-type: none"> <li>• Graduation coordination</li> <li>• Residency petitions</li> <li>• General information</li> </ul>		
<b>Advising and Counseling Center</b>	<b>M 2010</b>	<b>303.797.5664</b>
<ul style="list-style-type: none"> <li>• Educational planning</li> <li>• Transfer advising</li> <li>• Academic success counseling</li> </ul>		
<b>Bookstore</b>	<b>M1200</b>	<b>303.797.5676</b>
<ul style="list-style-type: none"> <li>• Order books online at <a href="http://www.efollett.com">www.efollett.com</a></li> </ul>		
<b>Campus Police</b>	<b>M2600</b>	<b>303.797.5800</b>
<ul style="list-style-type: none"> <li>• Student ID cards, parking permits, locker rental</li> <li>• Crime reporting, escort to your car after hours</li> <li>• First aid</li> <li>• Lost and found</li> </ul>		
<b>Career Center</b>	<b>M2025</b>	<b>303.797.5805</b>
<ul style="list-style-type: none"> <li>• Career planning seminars</li> <li>• Career resource library</li> <li>• Employment services</li> <li>• Job fairs</li> </ul>		
<b>Cashier</b>	<b>M2300</b>	<b>303-797-5638</b>
<ul style="list-style-type: none"> <li>• Tuition payment, payment plans, refunds, general financial information</li> <li>• Ticket sales</li> </ul>		
<b>Child Development Center</b>	<b>N1000</b>	<b>303.797.5678</b>
<ul style="list-style-type: none"> <li>• High quality, flexible, convenient, moderately-priced childcare services for ACC students, staff and faculty on a space-available basis</li> </ul>		
<b>Disability Services</b>	<b>M2710</b>	<b>303.797.5937 v/tty</b>
<ul style="list-style-type: none"> <li>• Academic accommodations and specialized consultation for students with documented disabilities. Computer adaptations for students with vision, learning, orthopedic, or other disabilities.</li> </ul>		
<b>Financial Aid</b>	<b>M2115</b>	<b>303.797.5661</b>
<ul style="list-style-type: none"> <li>• Apply online at <a href="http://www.FAFSA.ed.gov">www.FAFSA.ed.gov</a></li> </ul>		
<b>Information Central</b>	<b>M2800</b>	<b>303-797-4222</b>
<ul style="list-style-type: none"> <li>• Registration, Add/Drop, Withdrawal, Schedules and general information</li> <li>• Name/address/personal information changes etc.</li> </ul>		
<b>Library (Weber Center for Learning Resources)</b>	<b>M2500</b>	<b>303.797.5090</b>
<ul style="list-style-type: none"> <li>• Private study rooms</li> </ul>		
<b>Math Lab</b>	<b>M3610</b>	<b>303.797.5877</b>
<ul style="list-style-type: none"> <li>• Students must register for MAT 101 Enhanced Mathematics Lab</li> </ul>		
<b>Open Computer Lab</b>	<b>M1650</b>	<b>303.797.5907</b>
<ul style="list-style-type: none"> <li>• FREE computer access for registered students with an ACC Student ID</li> </ul>		
<b>Student Affairs</b>	<b>M2820</b>	<b>303.797.5668</b>
<ul style="list-style-type: none"> <li>• Student Senate</li> <li>• Student Newspaper</li> <li>• Student Clubs and Programming</li> <li>• Student Grievances and Discipline</li> </ul>		
<b>Testing Center</b>	<b>M2280</b>	<b>303.797.5993</b>
<ul style="list-style-type: none"> <li>• Computerized Placement Test (CPT)</li> <li>• GED testing, Instructor testing, CLEP/correspondence testing</li> </ul>		
<b>Tutorial Services</b>	<b>M2710</b>	<b>303.797.5937 v/tty</b>
<ul style="list-style-type: none"> <li>• FREE workshops and academic tutors to supplement and enrich course requirements for those that qualify</li> </ul>		
<b>Writing Center</b>	<b>M2855</b>	<b>303.797.5830</b>
<b>Location Abbreviations:</b>		
<ul style="list-style-type: none"> <li>• <b>A</b> – Annex.</li> <li>• <b>AD</b> – Art and Design Center</li> <li>• <b>CSB</b> – Church Street Building</li> <li>• <b>DTC</b> – Triad N Bldg Suite 111 (5660 Greenwood Plaza Blvd, Greenwood Village)</li> <li>• <b>M</b> – Main Building</li> <li>• <b>N</b> – North Building</li> <li>• <b>UCC</b> – University Center at Chaparral (15653 Brookstone Dr, Parker)</li> </ul>		

**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	
<b>Sentence Skills</b>						
			25-49	See Developmental Studies Advisor		
			50-69	ENG060	3	
			70-94	ENG090	3	
		18/440	95-120	ENG 121	3	
<b>Reading</b>						
			25-39	See Developmental Studies Advisor		
			40-61	REA060	3	
			62-79	REA090	3	
		17/430	80-120	REA 112	3	
<b>Mathematics</b>						
			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	
<b>Study Skills/Orientation</b>						
			Academic Achievement Strategies		AAA090	3
			College Orientation		AAA103	1
			Advanced Academic Achievement		AAA 109	3

**EXEMPTIONS TO 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 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.

**SUGGESTIONS FOR SUCCESS**

1. Take your CPT or be exempted (see above) before meeting with an academic advisor.
2. Take English, Speech and Math classes early in your program.
3. See your advisor about balancing your workload with credit load.
4. 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.
5. Transfer and financial aid students should consult an advisor before registering.

**ADDITIONAL CLASS FORMATS**

Many of the classes in this degree can be taken as **flex**, **online** or **hybrid** courses. Symbols in the semester schedule indicate which classes are offered in these formats.

You must apply for graduation at [www.arapahoe.edu](http://www.arapahoe.edu) (Student Support Services) or at Information Central by: **April 1 (summer graduation), July 1 (fall graduation) and November 1 (spring graduation).**

For more information log on to [www.arapahoe.edu](http://www.arapahoe.edu).