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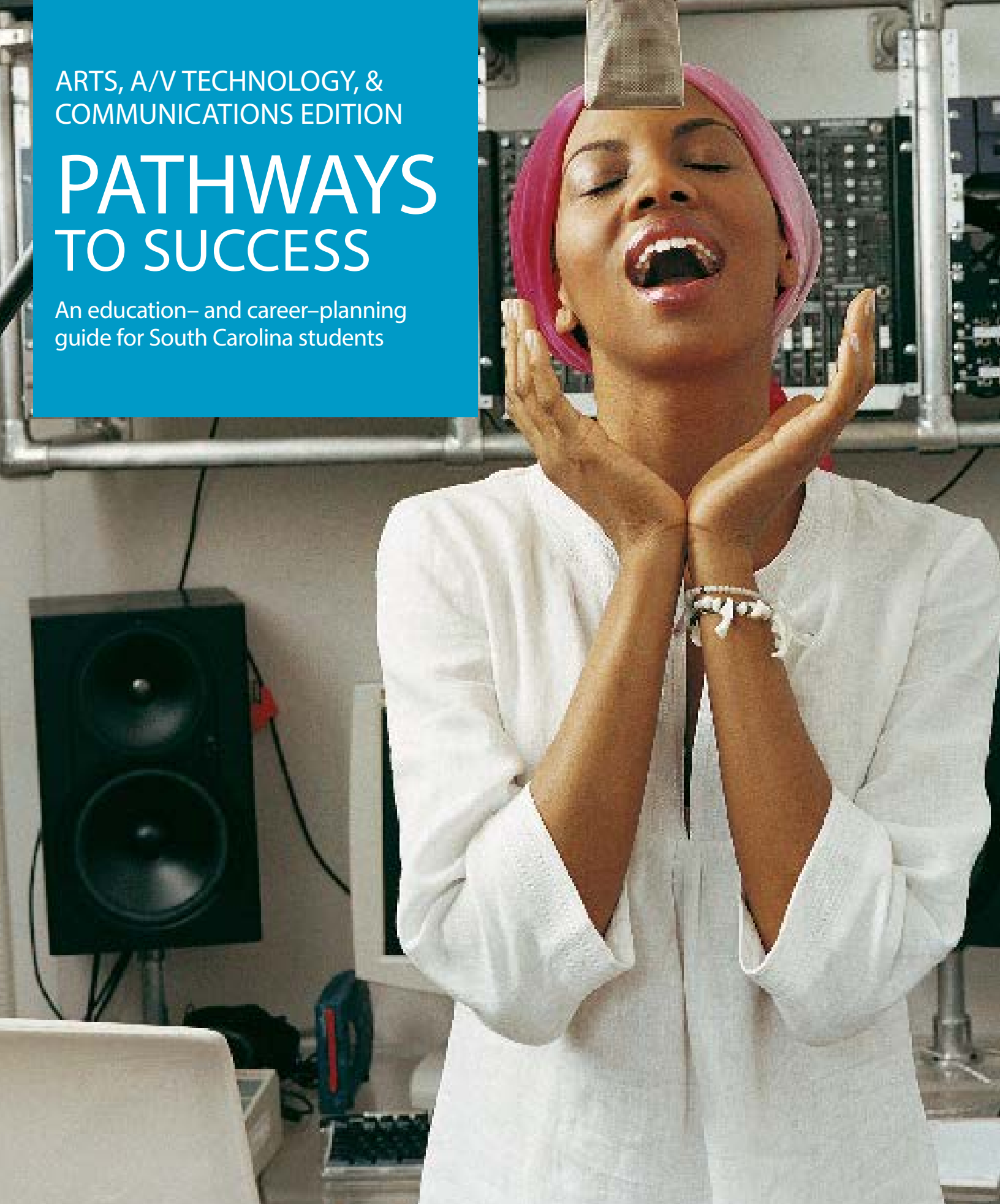
## Pathways to success : arts, a/ v technology, & communications edition

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ARTS, A/V TECHNOLOGY, &  
COMMUNICATIONS EDITION

# PATHWAYS TO SUCCESS

An education- and career-planning  
guide for South Carolina students





## Dear South Carolina Student,

“What do you want to be when you grow up?” You’ve heard it again and again, and if you’re like most people in school, you probably feel pretty lost. However, knowing what appeals to you or, better yet, what you want to do, can help you focus on those subjects and activities that will prepare you for the future.

But with so much to think about in life right now, and so many career directions to choose from, choosing a career pathway can be overwhelming. Even worse, what if you were to decide and then change your mind?

How would you like to know more about your options? This guide offers you realistic insight into various career clusters and how they might fit into the way you think and feel.

Pathways to Success can help you get started. It is a series of education- and career-planning guides designed to help you make informed, smart career decisions. You can use this information to eliminate options that aren’t attractive, so you can begin focusing on a career direction that is more appealing.

If you change your mind along the way, Pathways to Success can help you redirect your career plans, courses, and extracurricular activities.

In South Carolina, there are 16 career clusters that you can explore. This issue of Pathways to Success introduces you to one of these clusters. The clusters correspond to different fields within the job market (business, healthcare, the arts, agriculture, manufacturing, etc.).

Each issue of Pathways to Success explains what it is like to work in one of the career clusters, what kinds of jobs are available, and what parts of the career cluster are growing fastest. It also spells out the specific ways to prepare yourself for an occupation: majors to choose in high school, what classes to take, opportunities to learn outside of class, and the kind of education and training you can pursue after high school.

Believe it or not, being in school gives you a great chance to explore all of your options. So go for it. Figure out just how you feel about certain subjects. Seek out those things that you feel good about. Then start preparing yourself so you will be able to do the things you like to do “when you grow up.”

## Picture Yourself in a Career in the Arts

The arts are all about self-expression, but unless you refine the techniques you need to get your message to your audience, you might as well be talking to yourself. That’s why the South Carolina Arts, A/V Technology, and Communications career cluster focuses both on the act of creation and on the technologies that make artistic creation and communication possible. Whether you prefer crafting the message or delivering it, plenty of satisfying jobs in the arts exist in South Carolina. Read on to explore the Arts, A/V Technology, and Communications cluster and realize the possibilities it might hold for you.



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### ATTENTION:

#### Parents, Teachers, and Counselors: This Guide Is for You, Too.

This career cluster guide speaks to students about their careers, but you also play a role by providing guidance as students plan their futures. Read this guide and learn more about the Arts, A/V Technology, and Communications cluster. Then sit down and talk with your child or a student you are advising. Help craft an Individual Graduation Plan, or IGP, that puts that teen on a personal pathway to success (see “What is an IGP?” on page 6).

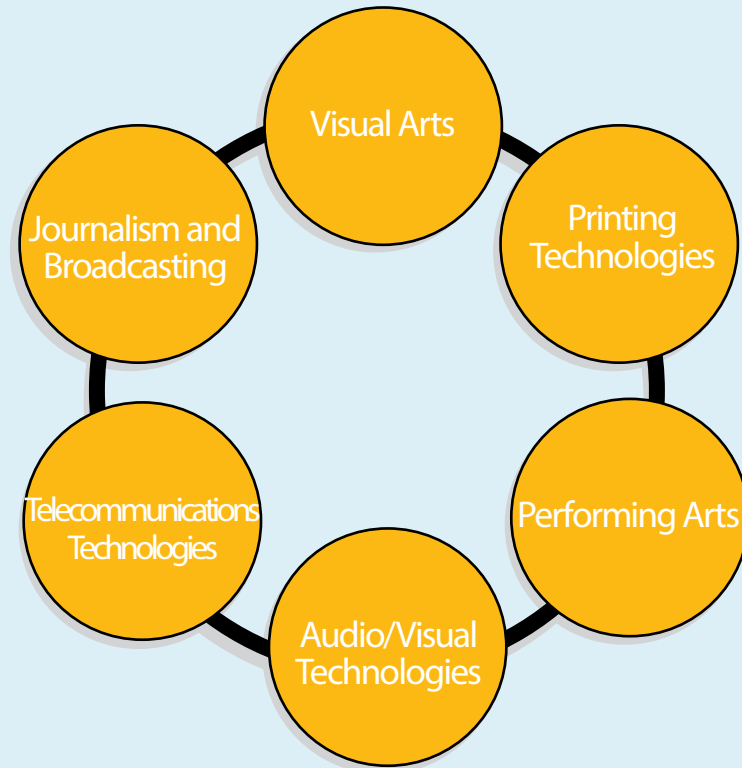


# What Are Career Clusters and Majors?

Career clusters help you acquire the knowledge and skills you need to reach your personal career goals. They organize what you learn in school around specific professional fields such as Education and Training or Information Technology. Information Technology, for example, focuses on professions that require highly technical training, while Human Services emphasizes occupations that involve people skills. South Carolina recognizes these 16 career clusters offered at various schools across the state.

- Agriculture, Food, and Natural Resources
- Architecture and Construction
- Arts, A/V Technology, and Communications
- Business, Management, and Administration
- Education and Training
- Finance
- Government and Public Administration
- Health Science
- Hospitality and Tourism
- Human Services
- Information Technology
- Law, Public Safety, Corrections, and Security
- Manufacturing
- Marketing, Sales, and Service
- Science, Technology, Engineering, and Mathematics
- Transportation, Distribution, and Logistics

## Majors Clustered Under Arts, A/V Technology, and Communications



Each cluster consists of career majors, which are based on groups of professions that require similar talents, knowledge, and skills. For example, six majors fall within the Arts, A/V Technology, and Communications cluster (see illustration above). Each major provides the required courses, instruction, and experience necessary to move toward employment in a specific occupation such as photographer or audio/video technician, either right after high school or after additional education in college, the military, or elsewhere.

## A Model Career Cluster System

Career Awareness (Grades K-5)	Grades K-2	<ul style="list-style-type: none"> <li>• Students learn about different kinds of work.</li> <li>• Students are instructed in diversity and gender equity in the workplace.</li> <li>• Students learn about goal setting and decision making.</li> <li>• Students learn what it means to be a good worker.</li> </ul>
	Grades 3-5	<ul style="list-style-type: none"> <li>• Students use career assessment instruments to identify occupations.</li> <li>• Students learn about occupations in the various career clusters.</li> <li>• Students get involved in career guidance classroom activities.</li> </ul>
Career Exploration (Grades 6-8)	6th Grade	<ul style="list-style-type: none"> <li>• Students begin career exploration activities, including identification of learning opportunities in the community.</li> <li>• Students take career assessment instruments.</li> <li>• Students identify jobs within the clusters requiring different levels of education.</li> </ul>
	7th Grade	<ul style="list-style-type: none"> <li>• Students identify the steps of the career decision-making process.</li> <li>• Students identify and explore sources of career information.</li> <li>• Students take career assessment instruments.</li> <li>• Students explore work-based learning activities including service learning, job shadowing, and mentoring.</li> </ul>
	8th Grade	<ul style="list-style-type: none"> <li>• Students pick a cluster of study that they are interested in exploring.</li> <li>• Students explore work-based learning activities including service learning, job shadowing, and mentoring.</li> <li>• Students meet with parents, counselors, teachers, guardians, and legal designees to develop both an academic and career portfolio consistent with their academic and career focus.</li> <li>• Students take career assessment instruments.</li> </ul>
Career Preparation (Grades 9-Postsecondary)	9th Grade	<ul style="list-style-type: none"> <li>• Students may declare majors and focus their elective choices in particular areas.*</li> <li>• Students review and update their IGPs.</li> <li>• Students take career assessment instruments.</li> <li>• Students explore work-based learning activities including service learning, job shadowing, and mentoring.</li> </ul>
	10th Grade	<ul style="list-style-type: none"> <li>• Students should declare a career major.*</li> <li>• Students review and update their IGPs.</li> <li>• Students take career assessment instruments.</li> <li>• Students explore work-based learning activities including service learning, job shadowing, and mentoring.</li> </ul>
	11th Grade	<ul style="list-style-type: none"> <li>• Students review and update their graduation plans, with particular attention to postsecondary goals.</li> <li>• Students take career assessment instruments.</li> <li>• Students explore work-based learning activities including service learning, job shadowing, and mentoring.</li> <li>• Students may change or modify their career majors.</li> </ul>
	12th Grade	<ul style="list-style-type: none"> <li>• Students complete requirements for their majors.</li> <li>• Students receive recognition for completion of career cluster majors at graduation.</li> <li>• Students take career assessment instruments.</li> <li>• Students explore work-based learning activities including service learning, job shadowing, and mentoring.</li> <li>• Students may change or modify their career majors.</li> </ul>
	Postsecondary	<ul style="list-style-type: none"> <li>• Students follow aligned career cluster pathways to a two- or four-year college, the military, other postsecondary education or training, or employment.</li> <li>• Students obtain rewarding entry-level employment within their chosen clusters.</li> <li>• Students continue to refine career choices throughout their lifetimes of learning.</li> </ul>

\* Students are encouraged to review their IGPs and modify or change this focus throughout their secondary school careers with the guidance of educators and parents.

# Seven Steps to Success



In the arts, as in life, it helps to have a plan. Follow these steps to a career in Arts, A/V Technology, and Communications.

## Creating a Career in the Arts.

What do the fine arts, performing arts, visual arts, and commercial arts have in common? They're all about expressing yourself and communicating your ideas. Whether you feel like dancing, love to sing, like to draw, paint, or write, or you're into acting out your ideas and recording them to post on the Internet; there's a place for you — and plenty of satisfying jobs — in the arts. The South Carolina Arts, A/V Technology, and Communications career cluster focuses both on creativity and on the technologies that make artistic creation and communication possible. Read on and explore the art and communications cluster and the possibilities it might hold for you.

The search for your perfect profession starts with creating an Individual Graduation Plan, often called an IGP, to guide you through high school (see "What is an IGP?" on page 6). Every South Carolina student is required to create an IGP, but don't think of it as a hassle. Instead, look at it as a chance to explore your interests and options and to start working toward your personal dream—whether it's to be a movie star or a minister, a CEO or a chef, an entrepreneur, or an engineer.

## Here's a step-by-step guide to creating your own Individual Graduation Plan.

### Step 1: Complete Assessments

Start putting together your IGP by determining your strengths and weaknesses, what you love (or hate) to do with your time, and your hopes and dreams in life. To find the answers to these and other questions, take advantage of career assessment tools such as Holland's Self-Directed Search, ASVAB (Armed Services Vocational Aptitude Battery), and the Kuder Interest Inventory available through your school and online (see "What is an IGP?" on page 6).



### Step 2: Research Your Career Opportunities



After learning more about yourself, put together a list of careers you might want to research. Get the facts about what each possible profession pays, how many jobs in those professions are available in South Carolina (both now and in the future), and what kind of

education you'll need to break into each of them. (For profiles of 25 career options in Arts, A/V Technology, and Communications see page 8). Use the career information resources available through your school's library and the Internet, including SCOIS, O\*NET, and COIN (see "Resource Roundup" on page 21). Go beyond the statistics, though, to get the inside story on what those who work in occupations on your list really do every day. Start by contacting professional associations and visiting Web sites, then arrange personal interviews and job shadowing.

### Step 3: Explore Your Education Options



Use your list of possible professions to investigate your education options in high school and beyond (see "Continuing Your Education" on page 11). Identify both two-year and four-year colleges with programs that best fit your career goals. In the same way, find out about obtaining associate's degrees at two-year technical colleges with programs in Arts, A/V Technology, and Communications. Also, research opportunities for Arts, A/V Technology, and Communications training in the military. Then look at the clusters, majors, and courses offered in high school as well as special programs such as co-op education and dual-credit courses. Learn about academic requirements and tests you may have to take to graduate and get into college, including PACT, PSAT, PLAN, SAT, ACT, and WorkKeys. Also, explore extracurricular activities (see "Practice Your Art" on page 18) related to your list of possible professions, including sports, community service groups, band, clubs, and student organizations such as SkillsUSA and ThinkQuest.

### Step 4: Talk About Your Options With Parents and Counselors

Assessments and research are essential, but input from your parents (or guardians), counselors, and teachers can also help as you narrow your career and education choices. Talk with them about what you are learning as you are assessed—they can help you further identify your strengths, opportunities, and interests. Tell them about your hopes and dreams. Discuss with them career options five, 10, or 20 years from now. Ask them to help with your research by providing resources or using their contacts to set up career exploration experiences such as job shadowing and internships. Time with your guidance staff person may be limited, so make the most of it. Come in with clear and well-researched ideas about your future, and ask what he or she can do to help you get where you want to go in life.

### Step 5: Make Your Choices and Document Your Decisions



Now that you are armed with valuable research and good advice from people you trust, it's time to make some decisions. Ask your counselor what format your IGP should follow—it likely will include most of the information shown in "What is an IGP?" on page 6. Select your career objective, cluster, and major, and write them down on your IGP. Fill in a tentative schedule for your high school years. Add to your plan lists of the out-of-class and work experiences you want to pursue and your goal after high school—college, the military, employment, or another option. It's also smart to create a career portfolio, which is a file of material related to the education and career choices in your IGP. This portfolio might include items such as a resume, samples of your schoolwork, and research and assessment information. Once you have documented your decisions, save your IGP and career portfolio as your school directs.

### Step 6: Review and Revise Your IGP Each Year

A good IGP is frequently updated. It expands and changes as you go through high school. At least once at the end of each year, go back to your IGP and revise it as needed. Ask yourself if your decisions are still sound or if you've changed your mind about your career objective or plans after high school. Be realistic, but don't feel locked in to the choices you made earlier. Switching your cluster or major as you learn more about your interests and options in life is okay. Some direction—even if it changes—is better than no direction at all. Use this annual review of your plan to make choices that are intentional, not accidental, as you grow and change.

### Step 7: Graduate and Move On to Additional Education or Employment

The goal of an IGP is to give you a clear path to high school graduation, but that's not the end of your road to success. The plan you created will carry you on to college, the military, an apprenticeship, other education or training, or directly into the job market. You likely will continue to evaluate, research, discuss, and refine your career choices after high school and throughout your life.

# What is an IGP?

An Individual Graduation Plan (IGP) is like a road map to your future. If you stay on course, you'll reach your destination—graduation—with all the courses, skills, and experience you need to take your education or career to the next level. Here's what a basic IGP includes:

Information such as your name and school.

Your chosen career cluster is a field of study such as Education and Training or Business, Management, and Administration on which you plan to focus in high school and beyond. South Carolina recognizes 16 career clusters (see page 2), although local schools and districts may offer different clusters. This guide is an introduction to the Arts, A/V Technology, and Communications cluster.

Your plan for what to do after high school—get an associate's or bachelor's degree, enter the armed forces, seek industry certification, find employment, or pursue other options. Be specific—it's just a goal you can change later if needed.

A grade-nine-through-twelve outline of classes you should take, including core academic classes required for graduation and electives. Fill in the specific classes your school offers.

Your school may make this type of basic IGP part of your career portfolio—a file or folder that also may contain such information as results of your career-interest assessments, examples of your schoolwork, your scores from standardized tests, and records of your work experiences.

Out-of-class learning opportunities you want to pursue, such as student organizations or work experiences.

Your chosen career major, a field such as Performing Arts, in which you plan to work when you enter the job market.

**Individual Graduation Plan**

Name: Gully Jesse Raphael  
 School: Lexington High School  
 Cluster: Arts, A/V Technology, and Communications  
 Major: Performing Arts  
 Postsecondary Goal: Bachelor of Music degree in instrumental performance from a four-year college

Required Courses			
Algebra 1	Geometry	Algebra 2	Pre-Calculus
English 1	English 2	English 3	English 4
Physical Science	Biology 1	Chemistry 1	Physics
World History	U.S. History and Constitution	Economics/Personal Finance	Band 4
Physical Education	Computer Science	Band 3	Orchestra 3
Band 1	Band 2	Orchestra 2	Jazz Theory

Commuter Activities: Tri-M Honors Music Society  
 Work-Based Learning Opportunities: Internship, job shadowing

## Express Your Artistic Side



Are you an artist or a poet at heart? Either way, a career in Arts, A/V Technology, and Communications may be right for you.

## Quick Quiz

Answer "yes" or "no" to these questions to see if Arts, A/V Technology, and Communications is the right career cluster for you.

- I can paint a room in my house.
- I am able to create posters and flyers to advertise fundraisers.
- I can draw a self-portrait.
- I am skilled at proofreading the writing of others.
- I am skilled at working with my hands.
- I am able to visualize how a flat drawing of a house or a store would look as a 3-D object.
- I like to create new ideas, write stories, or design brochures.
- I'd like to play in a band.
- I'd like to design a magazine or television advertisements.
- I'd like to design a Web site or piece of software.
- I am good at helping my friends and family do projects around the house, such as building a bookshelf or laying floor tile.

Totals: "Yes" \_\_\_\_\_ "No" \_\_\_\_\_

If you answered "yes" to five or more of the questions, then you may have what it takes to make it in Arts, A/V Technology, and Communications.

Source: SCOIS (Coin Career) Assessment Tests

You don't have to be on the front line of artistic creation to play an important role in this lively and exciting sector. In South Carolina, some 40 occupations provide employment for more than 40,000 people in Arts, A/V Technology, and Communications. Many of these people work in technical occupations that make the successful communication of emotions and ideas possible. The expression of ideas is like any other business: Someone has to create the product, and someone has to deliver it. Three of the six majors offered in the Arts, A/V Technology, and Communications career cluster—Printing Technologies, Audio/Video Technologies, and Telecommunications Technologies—are all about product delivery. The other three majors—Visual Arts and Performing Arts as well as Journalism and Broadcasting—are on the creative side.

Rewarding jobs are plentiful on both the creative and delivery sides of the Arts, A/V Technology, and Communications cluster. Printing, for example, is big business. Why? Think about it: Shakespeare was a great writer, but you wouldn't be studying his works in school if it hadn't been for the printing press. Printing is the country's third largest manufacturing industry, employing more than 1.2 million people nationwide with sales over \$160 billion in 2001. In South Carolina high schools, the most common training programs in the Arts, A/V Technology, and Communications cluster are in Printing Technologies (or Graphic Communications, as they are often called), with programs offered at some 30 schools across the state.

Telecommunications and Audio/Video Technologies, which deal with the electronic transmission and display of information, are wave-of-the-future technical fields that offer rapidly growing job opportunities. Despite all the talk about "starving artists," employment opportunities are abundant on the creative side, as well. Some of the highest-paying and fastest-growing occupations in the state's arts sector—including copywriter and commercial artist—are creative jobs. (See "10 Fastest-Growing Arts Professions" and "10 Highest-Paying Arts Professions" on page 10). It is not surprising that the fastest growing Arts, A/V Technology, and Communications occupation in the state, technical writer, combines elements of both the creative and technical sides.

# 25 Career Choices in Arts, A/V Technology, and Communications

Occupation	SC Salary	Job Growth <sup>1</sup>	Education Required <sup>2</sup>	Career Readiness Certificate Level <sup>3</sup>	Description
Actor	\$73,080	18.8%	HS, OJT, AP	Gold	Works in movies, theater, television, and radio, using his or her voice, expressions, and body movements to portray characters in stories.
Archivist and Curator	\$68,750	14.9%	MA, DD	Gold	Assesses, collects, organizes, preserves, maintains control over, and provides access to information determined to have long-term value.
Art Director	\$61,830	6.0%	BD	Gold	Arranges words and pictures in advertisements to make the ads compelling. May supervise lower-level artists.
Broadcast Technician	\$51,620	15.3%	AD, BD	Gold	Speaks, performs, sponsors, or presents on a radio or television program.
Camera Operator	\$50,090	15.9%	OJT, AD	Silver	Operates a film or video camera for the purpose of recording motion to film, video, or a computer storage medium.
Cinematographer	\$45,650	15.9%	BD	Gold	Directs photographic recording of movies, TV shows, and commercials. Works with camera crews to determine the photographic style of what is filmed.
Fashion Designer	\$44,670	8.0%	OJT, HS, AD, BD	Gold	Designs clothing and lifestyle accessories, created within the cultural and social influences of a specific time.
Copywriter	\$44,630	16.3%	BD	Gold	Writes words for printed and broadcast advertisements.
Dancer/Choreographer	\$43,740	14.8%	AD, BD	Silver	Creates movement structures that are used as a form of expression and social interaction.
Designer	\$41,460	9.1%	OJT, HS, AD, BD	Gold	Designs any of a variety of things which requires being creative in a particular area of expertise.
Director/Producer	\$36,720	17.9%	OJT, AP, AD	Gold	Interprets scripts of plays and movies; selects and rehearses actors (director). Raises money, hires directors, and keeps projects on budget (producer).
Electrical Line Installer and Repairer	\$35,150	9.7%	OJT, HS	Silver	Maintains, repairs, calibrates, tunes, and adjusts all electronic equipment used for communications, detection and tracking, recognition, and identification.
Electronics Technician	\$33,390	8.1%	HS, AD	Gold	Lays out, builds, tests, troubleshoots, repairs, and modifies developmental and production electronic components, parts, equipment, and systems.
Engineering Technician	\$32,750	6.8%	AD	Gold	Solves technical problems, helps engineers and scientists do research and development, builds equipment, does experiments, and collects and calculates data.
Graphic Designer	\$32,700	9.4%	AD, BD	Gold	Produces art for use by major corporations; retail stores; and advertising, design, and publishing firms.
Interior Designer	\$32,490	9.9%	AD, BD	Gold	Selects and arranges furniture, fixtures, flooring, and wall coverings to make the best, most attractive use of inside spaces.
Journalist	\$32,300	16.1%	BD, MA	Gold	Gathers facts and writes articles about local, state, national, and world events.
Motion Picture/Radio/TV Art Director	\$31,650	6.0%	BD	Gold	Organizes/schedules, oversees, and designs works of art.
Painter and Paperhanger	\$31,630	16.2%	OJT, HS	Bronze	Paints, decorates, and/or covers someone's walls with wallpaper.
Photographer	\$29,180	10.6%	OJT, HS, AP	Silver	Operates cameras to take pictures of people, places, and events.
Sign Painter and Letterer	\$29,170	7.8%	OJT	Silver	Paints signs and billboards.
Software Designer	\$27,790	10.6%	BD	Gold	Creates and designs computer programs, including the graphics, animation, and sound effects users will experience.
Sound Engineer	\$27,720	16.1%	OJT, AP, BD	Silver	Works in recording studios, operating sound equipment to help create the effects the recording artists and producers desire.
Web Site Designer	\$24,470	11.3%	BD	Gold	Creates and designs Web sites.
Writer/Editor	\$21,740	15.6%	BD	Gold	Writes fiction and nonfiction prose for books, magazines, ads, radio, and TV (writer). Edits writing to fit the requirements of the finished product (editor).

## About This Chart

This chart is a sampling of 25 of the more than 100 occupations that fall within the Arts, A/V Technology, and Communications sector of the South Carolina job market. For more information about any Arts, A/V Technology, and Communications occupation, check out the South Carolina Occupational Information System (SCOIS). This electronic database is packed with valuable information on careers, colleges, scholarships, and more. SCOIS is available in local schools and at more than 600 other locations throughout South Carolina. Here are explanations for the abbreviations and symbols used in this chart.

### Education Requirement Abbreviations

- C — 12- or 18-month certificate
- AD — Two-year associate's degree
- AP — Advanced Placement
- BD — Four-year bachelor's degree
- HS — High school diploma or GED
- MA — Master's degree
- NA — Information not available or item does not apply
- OJT — On-the-job training
- DD — Doctorate degree

Source: [www.salary.com](http://www.salary.com)

<sup>1</sup> The expected percentage increase or decline in the number of positions in the profession in South Carolina through 2008.

<sup>2</sup> The minimum educational attainment required to enter the profession; occupations may have different entry-level jobs for those with different degrees.

<sup>3</sup> The South Carolina Career Readiness Certificate demonstrates to employers that you have the skills necessary to be successful in your chosen occupation. For more information on the CRC in South Carolina go to [www.WorkReadySC.org](http://www.WorkReadySC.org).

# Design Your Future

Your life in the Arts, A/V Technology, and Communications begins with a cluster major and a desire to learn.

## 10 Fastest-Growing Arts, A/V Technology, and Communications Professions

Occupation	Job Growth
1. Arts Educator	19.4%
2. Actor	18.8%
3. Director/Producer	17.9%
4. Copywriter	16.3%
5. Sound Engineer	16.1%
6. Journalist	16.1%
7. Camera Operator	15.9%
8. Cinematographer	15.9%
9. Writer and Editor	15.6%
10. Broadcast Technician	15.3%

Based on expected growth in percentage of jobs available between 2001 and 2008 in South Carolina. Source: SCOIS

## 10 Highest-Paying Arts, A/V Technology, and Communications Professions

Occupation	Salary
1. Electronics Technician	\$73,080
2. Software Designer	\$65,150
3. Art Director	\$56,250
4. Motion Picture/Radio/TV Art Director	\$56,250
5. Clothes Designer	\$55,460
6. Web Site Designer	\$48,350
7. Industrial Designer	\$48,140
8. Technical Writer	\$47,410
9. Director/Producer	\$47,270
10. Actor	\$47,160

Based on annual mean salary in South Carolina. Source: SCOIS

If you intend to make a career in Arts, A/V Technology, and Communications, your first work of art will be the one you commission for yourself—a solid, well thought-out plan to customize your future to your specifications. The trick is to carefully lay out a blueprint that reflects your talents, your interests, and the realities of the cluster, without sacrificing the spontaneity and creative spark necessary for the creation of all great works of art.

If you want to get the most out of your career, you really do need to invest the same effort, intensity, and sense of fun in it that an artist exhibits in the act of creation. Explore every angle, run down every lead, and don't hesitate to experiment with new options. Building a future is serious business, but try to remember it's also an adventure.

The Career Major Maps on the next few pages will help you keep your bearings as you explore the possibilities. You have a lot of material to examine and a lot of choices to make as you move through high school from freshman to senior. If your school has a career cluster system, one of your first decisions after choosing to go into the Arts cluster is your high school career major (see "What Are Career Clusters and Majors?" on page 2). The arrangement of clusters into majors helps sort out your choices. It gives you a kind of map that divides the job terrain into manageable districts. For example, Arts, A/V Technology, and Communications is split into six areas of study:

- Performing Arts (see page 12)
- Printing Technologies (see page 13)
- Visual Arts (see page 14)
- Telecommunications Technologies (see page 15)
- Journalism and Broadcasting (see page 16)
- Audio/Video Technologies (see page 17)

The six Art, A/V Technology, and Communications majors listed above correspond to the arts and communications job market in South Carolina.\* If you choose a Printing Technologies major, for example, you can follow that pathway on to a particular program in Printing Technologies offered at a two- or four-year college and then into an occupation in the printing industry after completing your training. Generally, you need to take four electives in your major area to graduate with a high school major.

### n Don't Be Afraid to Try New Options

What happens if you follow a particular career pathway and end up someplace you didn't really want to go? Don't worry. Your decision about a cluster and major is not permanent. As you move along through your high school career, you will have plenty of opportunities to review and change your choices.

The Career Major Maps on the following pages include sample high school schedules, but, of course, your school may offer different programs or classes. The maps also include information about extracurricular activities, options after high school, and jobs for which each major might prepare you. Use the Career Major Maps to create your Individual Graduation Plan (see "What is an IGP?" on page 6) and to chart your course into the career of your choice.

\*Local South Carolina schools and districts may offer fewer career clusters and majors, clusters and majors that are organized differently, or clusters and majors with alternative names.

# Continuing Your Education After High School Boosts Your Career in Arts, A/V Technology, and Communications

The Arts, A/V Technology, and Communications cluster's long name reflects the variety of occupations in the cluster. What we call "the arts" encompasses everything from the poet working in solitude to the army of writers, directors, producers, makeup artists, fashion coordinators, sound technicians, hairdressers, and public relations experts required to create a TV miniseries. So, how do you prepare for the career in the Arts that you have in mind?

South Carolina offers a variety of educational options that can fit your needs. Putting together the money to pay for your education is important, too, and there is a variety of options available (see "Financial Aid Basics" on page 19).

### n Four-Year Programs

Certain jobs in the Arts, A/V Technology, and Communications cluster, such as those in the competitive fields of print and broadcast journalism, generally require a four-year college degree. The University of South Carolina in Columbia, for example, specializes in Electronic Journalism, Print Journalism, Advertising, Visual Communication, and Public Relations. On the technical side, Clemson University's Graphic Communications program is one of the three highest-rated Printing-Technology programs in the country. Other colleges and universities across the state offer Fine Arts, including the South Carolina Center for Dance Education at Columbia College in Columbia and the acclaimed Art and Design degree program in Interior Design at Winthrop University in Rock Hill.

### n Technical Colleges

South Carolina's public two-year colleges offer students a multitude of career training options in the Arts, with connections to four-year colleges or private employment. Most technical colleges now offer a two-year degree or other certification in Web design and Web site maintenance. Courses and certifications in photography, audio and video production, and graphic design are also available at most of the state's two-year colleges.

### n Opportunities in the Military

Surprisingly, armed forces offer a wide variety of opportunities in the arts. Musicians play in the various military band units, broadcast journalists work for Armed Forces Radio, and fashion designers create the uniforms and special apparel. Each branch of the service offers on-the-job training opportunities and scholarship funds to recruits, most of which can be translated into credit at civilian colleges and universities. To learn about military options, go to [www.goarmy.com](http://www.goarmy.com) (Army), [www.navy.com](http://www.navy.com) (the Navy), [www.airforce.com](http://www.airforce.com) (the Air Force), [www.marines.com](http://www.marines.com) (the Marines), and [www.uscg.mil](http://www.uscg.mil) (the Coast Guard).

### n On-the-Job Training and Experience

Artists such as dancers, photographers, musicians, actors, and designers have traditionally trained by practicing their art under the watchful eyes of more experienced mentors. Look for volunteer opportunities with local community-theater or fine-arts groups or internship experiences in journalism, printing, or other arts-related businesses.

## Start With the Basics

Success in Arts, A/V Technology, and Communications rests on a solid academic foundation. Here's how the core high school courses support the cluster.

- **Science:** To manage the technologies that communicate artistry and ideas to your audience, you must understand the science behind them.
- **Math:** Printing, Telecommunications, and A/V Technologies, like all technical tools, are grounded in mathematics. Master math to make these tools work for you.
- **English:** Language is the stuff of poetry and the backbone of communication in general. Studying English shows you how to get your message across.
- **Social Studies/History:** Artists have been recreating exotic places and stories from the past for centuries. The social sciences are a treasure trove of source material for the Arts.
- **Modern or Classical Language:** Modern or Classical language study opens new worlds to the artist. Knowledge of a different language broadens your horizons and heightens your ability to communicate in your own language.
- **Arts:** The fact that four-year colleges and universities now require at least one arts credit for admission should be gratifying to anyone pursuing a career in this cluster.





## Career Major Map: Performing Arts

Employees in the Performing Arts entertain audiences either in live appearances or in recorded or broadcast presentations. The Performing Arts include music, drama, dance, standup comedy, and motion pictures. Workers who support performances behind the scenes—such as screenwriters, composers, choreographers, directors, stagehands, makeup artists, and others—are included in the Performing Arts field.

Required Core for Graduation	Sample Core Choices For additional college entrance requirements, refer to the college of your choice.			
	9	10	11	12
English* Four Units Required	English 1	English 2	English 3	English 4
Math* Four Units Required	Algebra 1 or Math for the Technologies 1	Geometry or Math for the Technologies 2	Algebra 2 or Math for the Technologies 3	Pre-Calculus or Math for the Technologies 4
Science* Four Units Required	Physical Science	Biology or Applied Biology	Chemistry or Chemistry for the Technologies	Physics or Physics for the Technologies
Social Studies Three Units Required	Global Studies 1 or World Geography	Global Studies 2 or Social Studies Elective or World History	U.S. History	Economics/Government
Additional State Requirements	Physical Education or JROTC (one unit) Computer Science (one unit) Electives (seven units) Pass High School Assessment CTE or Modern or Classical Language (one unit) Art (one unit)			

Courses for Major (Minimum of four credits required)	Complementary Course Work	Extended Learning Opportunity Options Related to Major
Dance Chorus Drama Instrumental Music IB Approved Courses Media Technology	Art Appreciation Advanced Composition Creative Writing AP Studio Art: Two-Dimensional Design AP Studio Art: Three-Dimensional Design Fashion Design and Apparel Construction Modern or Classical Language	Career Mentoring Shadowing Internship SkillsUSA Technology Student Association (TSA) Senior Project

Professional Opportunities Upon Graduation		
High School Diploma Production Manager Assistant Painter Set Assistant	Additional Training to 2-year Degree Performer Actor Musician Dancer Drama Coach Choreographer Entrepreneur	4-year Degree & Higher Performing Arts Educator Production Manager Dancer Composer Conductor Screenwriter

\*Course selection will depend on satisfying prerequisites.

## Career Major Map: Printing Technologies

Employees in Printing Technologies operate the mechanical and electronic equipment used to print newspapers, books, magazines, and brochures and to post information electronically on the Internet.

Required Core for Graduation	Sample Core Choices For additional college entrance requirements, refer to the college of your choice.			
	9	10	11	12
English* Four Units Required	English 1	English 2	English 3	English 4
Math* Four Units Required	Algebra 1 or Math for the Technologies 1	Geometry or Math for the Technologies 2	Algebra 2 or Math for the Technologies 3	Pre-Calculus or Math for the Technologies 4
Science* Four Units Required	Physical Science	Biology or Applied Biology	Chemistry or Chemistry for the Technologies	Physics or Physics for the Technologies
Social Studies Three Units Required	Global Studies 1 or World Geography	Global Studies 2 or Social Studies Elective or World History	U.S. History	Economics/Government
Additional State Requirements	Physical Education or JROTC (one unit) Computer Science (one unit) Electives (seven units) Pass High School Assessment CTE or Modern or Classical Language (one unit) Art (one unit)			

Courses for Major (Minimum of four credits required)	Complementary Course Work	Extended Learning Opportunity Options Related to Major
Art Graphic Communications Digital Art and Design	Desktop Publishing Web Page Design Art Appreciation AP Studio Art: Two-Dimensional Design Modern or Classical Language	Career Mentoring Shadowing Internship SkillsUSA Technology Student Association (TSA) Senior Project

Professional Opportunities Upon Graduation		
High School Diploma Graphics Equipment Operator Assistant Printing Equipment Operator Assistant Computer Typography Equipment Operator Assistant Composition Equipment Operator Assistant Book Binder	Additional Training to 2-year Degree Graphics Equipment Operator Printing Equipment Operator Lithographer and Platemaker Computer Typography Equipment Operator Composition Equipment Operator Scanner Operator Desktop Publisher Digital Typesetter	4-year Degree & Higher Graphic Designer Printing Technology Educator Web Page Designer Desktop Publishing Specialist

\*Course selection will depend on satisfying prerequisites.

## Career Major Map: Visual Arts

Employees in the Visual Arts are involved in the production of works experienced primarily through the sense of sight, such as paintings, drawings, photographs, and fashion. Employees in the Visual Arts include those who produce the works and those who support the production and presentation, such as curators of museums and art instructors.

Required Core for Graduation	Sample Core Choices For additional college entrance requirements, refer to the college of your choice.			
	9	10	11	12
English* Four Units Required	English 1	English 2	English 3	English 4
Math* Four Units Required	Algebra 1 or MathfortheTechnologies1	Geometry or MathfortheTechnologies2	Algebra 2 or MathfortheTechnologies3	Pre-Calculus or MathfortheTechnologies4
Science* Four Units Required	Physical Science	Biology or Applied Biology	Chemistry or Chemistry for the Technologies	Physics or Physics for the Technologies
Social Studies Three Units Required	Global Studies 1 or World Geography	Global Studies 2 or Social Studies Elective or World History	U.S. History	Economics/Government
Additional State Requirements	Physical Education or JROTC (one unit) Computer Science (one unit) Electives (seven units) Pass High School Assessment CTE or Modern or Classical Language (one unit) Art (one unit)			

Courses for Major (Minimum of four credits required)	Complementary Course Work	Extended Learning Opportunity Options Related to Major
Art Visual Arts Interior Design 1 and 2 FashionDesignandApparelConstruction1and2 AP Art History AP Studio Art: Drawing AP Studio Art: Two-Dimensional Design AP Studio Art: Three-Dimensional Design IB Approved Visual Arts Courses	Art Appreciation Architectural Design Digital Art and Design Media Technology Housing and Interiors 1 and 2 Introduction to Fashion Design and Apparel Construction Modern or Classical Language	Career Mentoring Shadowing Internship SkillsUSA Technology Student Association (TSA) Senior Project

Professional Opportunities Upon Graduation		
High School Diploma Commercial Photographer Assistant Graphic Design Assistant Commercial Artist Assistant Visual Display Assistant Show Room Assistant Sales Associate	Additional Training to 2-year Degree CAD Technician Commercial Photographer Illustrator Photo Stylist Display Designer Custom Tailor Fashion Illustrator Entrepreneur	4-year Degree & Higher Visual Arts Educator Art Curator Commercial Artist Interior Designer Sustainable Designer Design Journalist Fashion Designer Textile Scientist Industrial Designer

\*Course selection will depend on satisfying prerequisites.

## Career Major Map: Telecommunications Technologies

Employees in Telecommunications Technologies design, manufacture, install, and repair telecommunications equipment. Telecommunications involves the flow of information from one point to another. Voice connections, computer communications, cable and broadband hookups, and video conferences are all examples of telecommunications links.

Required Core for Graduation	Sample Core Choices For additional college entrance requirements, refer to the college of your choice.			
	9	10	11	12
English* Four Units Required	English 1	English 2	English 3	English 4
Math* Four Units Required	Algebra 1 or MathfortheTechnologies1	Geometry or MathfortheTechnologies2	Algebra 2 or MathfortheTechnologies3	Pre-Calculus or MathfortheTechnologies4
Science* Four Units Required	Physical Science	Biology or Applied Biology	Chemistry or Chemistry for the Technologies	Physics or Physics for the Technologies
Social Studies Three Units Required	Global Studies 1 or World Geography	Global Studies 2 or Social Studies Elective or World History	U.S. History	Economics/Government
Additional State Requirements	Physical Education or JROTC (one unit) Computer Science (one unit) Electives (seven units) Pass High School Assessment CTE or Modern or Classical Language (one unit) Art (one unit)			

Courses for Major (Minimum of four credits required)	Complementary Course Work	Extended Learning Opportunity Options Related to Major
Home Systems Technology Computer Service Technology Information Technology Foundations	Art 1 Computer Programming Electronics Digital Input Technologies Desktop Publishing Media Technology Modern or Classical Language	Career Mentoring Shadowing Internship SkillsUSA Technology Student Association (TSA) Senior Project

Professional Opportunities Upon Graduation		
High School Diploma Telecommunications Specialist Assistant Telecommunications Repairer/Installer Assistant Tree Trimmer	Additional Training to 2-year Degree Telecommunications Equipment, Cable, and Line Repairer/Installer Telecommunications Technician	4-year Degree & Higher Telecommunications Technologies Educator Telecommunications Computer Programmer and Systems Analyst Electrical Engineer Electronics Engineer

\*Course selection will depend on satisfying prerequisites.

## Career Major Map: Journalism and Broadcasting

Employees in Journalism and Broadcasting gather and present information on local, national, and world events in print and via radio, television, and the Internet. Workers in Journalism and Broadcasting include those who gather and present the news and those who support its presentation.

Required Core for Graduation	Sample Core Choices For additional college entrance requirements, refer to the college of your choice.			
	9	10	11	12
English* Four Units Required	English 1	English 2	English 3	English 4
Math* Four Units Required	Algebra 1 or Math for the Technologies 1	Geometry or Math for the Technologies 2	Algebra 2 or Math for the Technologies 3	Pre-Calculus or Math for the Technologies 4
Science* Four Units Required	Physical Science	Biology or Applied Biology	Chemistry or Chemistry for the Technologies	Physics or Physics for the Technologies
Social Studies Three Units Required	Global Studies 1 or World Geography	Global Studies 2 or Social Studies Elective or World History	U.S. History	Economics/Government
Additional State Requirements	Physical Education or JROTC (one unit) Computer Science (one unit) Electives (seven units)		Pass High School Assessment CTE or Modern or Classical Language (one unit) Art (one unit)	

Courses for Major (Minimum of four credits required)	Complementary Course Work	Extended Learning Opportunity Options Related to Major
Journalism 1 and 2 Speech Creative Writing Advanced Composition Vocabulary Drama 1 and 2 Media Technology	Desktop Publishing Multimedia Electronics Drama 3 and 4 Digital Art and Design Newspaper Production Yearbook Production	Career Mentoring Shadowing Internship SkillsUSA Technology Student Association (TSA) Senior Project SC Scholastic Press Association

Professional Opportunities Upon Graduation		
High School Diploma Audio/Visual Operation Assistant Control Room Technician Assistant	Additional Training to 2-year Degree Audio/Video Operator Control Room Technician Broadcast Technician Broadcast and Sound Engineer Researcher	4-year Degree & Higher Reporter Journalism and Broadcast Educator Station Manager Radio and TV Announcer Editor/Publisher Author Journalist Broadcaster Fashion Journalist

\*Course selection will depend on satisfying prerequisites.

## Career Major Map: Audio/Video Technologies

Employees in Audio/Video Technologies design, install, and maintain systems and equipment used to present information in the form of sound and pictures to a particular audience. Quite often, A/V Technologies involve the transformation of transmitted digital information into audio and video displays.

Required Core for Graduation	Sample Core Choices For additional college entrance requirements, refer to the college of your choice.			
	9	10	11	12
English* Four Units Required	English 1	English 2	English 3	English 4
Math* Four Units Required	Algebra 1 or Math for the Technologies 1	Geometry or Math for the Technologies 2	Algebra 2 or Math for the Technologies 3	Pre-Calculus or Math for the Technologies 4
Science* Four Units Required	Physical Science	Biology or Applied Biology	Chemistry or Chemistry for the Technologies	Physics or Physics for the Technologies
Social Studies Three Units Required	Global Studies 1 or World Geography	Global Studies 2 or Social Studies Elective or World History	U.S. History	Economics/Government
Additional State Requirements	Physical Education or JROTC (one unit) Computer Science (one unit) Electives (seven units)		Pass High School Assessment CTE or Modern or Classical Language (one unit) Art (one unit)	

Courses for Major (Minimum of four credits required)	Complementary Course Work	Extended Learning Opportunity Options Related to Major
Computer Service Technology Computer Programming Media Technology Work-Based Credit (Arts, A/V Technology, and Communications)	Home Systems Technology Electronics Desktop Publishing Multimedia Art Digital Art and Design Animated Computer Production Modern or Classical Language	Career Mentoring Shadowing Internship SkillsUSA Technology Student Association (TSA) Senior Project

Professional Opportunities Upon Graduation		
High School Diploma Audio Systems Technician Assistant Video Systems Technician Assistant Technical Computer Support Technician Assistant	Additional Training to 2-year Degree Audio Systems Technician Video Systems Technician Technical Computer Support Technician	4-year Degree & Higher Audio Video Technologies Educator Audio Video Designer Audio Video Engineer Video Graphics Technician Special Effects Technician Animator

\*Course selection will depend on satisfying prerequisites.

## Practice Your Art

Perfecting the skills you learn in the classroom requires practice in the real world.

### College Connections

Every South Carolina two- and four-year college has a Web site that includes information about admission requirements, majors, fees, financial aid, internships, and scholarship opportunities.

You can find the Web site for any South Carolina public, private, or technical college through one of these sites:

- South Carolina Public Colleges/Universities  
[www.state.sc.us/edu/univcoll.html](http://www.state.sc.us/edu/univcoll.html)
- South Carolina Technical Colleges  
[www.scteched.tec.sc.us](http://www.scteched.tec.sc.us)
- South Carolina Independent Colleges/Universities  
[www.scicu.org](http://www.scicu.org)

### Learning Outside the Classroom

In class you learn artistic techniques, but you can only master your art by practicing it. Real-life learning in the arts enables you to

- improve your personal skills;
- work with other artists in an art studio, orchestra, or theater/dance company;
- get the facts you need to make informed choices about your future;
- create an IGP that is effective and efficient;
- graduate with the skills and experience colleges and employers want;
- earn college credits and even a paycheck before you graduate;
- build your career portfolio and resume;
- jump-start your career or college education.

You've got to pay your dues if you want to sing the blues... The arts have always rested on the principle of learning by doing. Traditionally, people born with artistic talent would pick up the basics of their craft, usually from a mentor, and then practice, practice, practice. Learning outside the classroom remains a central part of education in the arts. Students in South Carolina often begin their arts careers at an early age with private dance, music, or acting classes. Instruction in school involves them in group activities—studio art classes, school plays, band, orchestra, choral groups, and dance—that continue their development. There are plenty of opportunities in most local communities to practice the arts in an organized setting, and savvy students take advantage of as many of these out-of-the-classroom learning opportunities as they can fit in their schedules.

### Community Groups

In the Arts, A/V Technology, and Communications career cluster, local community groups play a special role in out-of-classroom learning in traditional and new media arts. These groups traditionally give artists the opportunity to practice, and they're often open to all aspiring artists, no matter what their levels of experience. Community theater groups, for example, produce plays in practically every city of any size in South Carolina and offer beginning actors, set designers, and technical assistants the chance to practice their arts.

Community concerts are performed throughout the summer in cities across the state. Pickup bands play rock, Latin, folk, blues, and practically any other style of music you can think of in bookstores and coffeehouses and at festivals. Bookstores and libraries also commonly provide writers of fiction and poetry the chance to meet regularly to compare notes, share their work, and garner constructive advice for improving it.

Other arts enthusiasts with diverse interests regularly come together to share what they're doing. Photography, theater, poetry, filmmaking, and other special-interest arts-related groups provide opportunities and experiences for beginners to take the steps that can eventually lead to professional careers. All of these community groups can be found by checking listings in the arts section of your local newspapers and phone books or bulletin boards in the bookstores, libraries, and cafes where the groups gather. The contacts you make by participating in these community activities can lead to long-lasting mentoring relationships that can help you hone your technique. Just as importantly, a mentor already established in your particular art form can help you land paying work as your skills improve.

### Technical Majors

Just as involvement with various community groups introduces students to the creative arts; job shadowing, field trips, and guest speakers play the same mentoring role in the Arts, A/V Technology, and Communications majors. These activities show students the full range of substantial careers available in telecommunications, audio/visual, and printing technologies. Job shadowing helps students find

out what a particular field is all about. By visiting the workplace and following an employee for a day in the course of his or her job, you can begin to figure out if this is the right career path for you. Work with your career guidance counselor to make job shadowing arrangements with companies you are interested in, and take part in Groundhog Job Shadow Day. Every February, more than a million middle and high school students investigate different occupations on this special day dedicated to career exploration.

### Get To Work

While job shadowing gives you a taste of working in a particular profession, it won't provide you the experience to position yourself in the arts and communications after high school. For that, particularly on the technical side of the cluster, you need to investigate options such as summer or school-year internships and co-op work programs. For example, you might spend the morning in class and then head to the local newspaper or cable company to work for the afternoon. While you're there, you'll receive training, feedback, experience, credits, and maybe even a paycheck. Plus, you'll be applying what you learn in the classroom in a real-world work setting. You can also work part- or full-time while investigating career options. Any occupation that features on-the-job training is a good place to start looking for useful work-based learning opportunities. Interns are commonly employed in publishing, journalism, photography, and other art-related agencies. Your guidance counselor, teachers, parents, relatives, or neighbors—anyone who's familiar with your town and the businesses in it—can help you locate learning opportunities that work for you.

### Financial Aid Basics

The key to finding the money you need to pay for education or training after high school is persistence. If you put in the effort, you will find what you need. Residents of South Carolina are eligible for more than 20,000 state-specific scholarships totaling more than \$54 million each academic year. Available funds include LIFE Scholarships, Palmetto Fellow Scholarships, and the South Carolina HOPE Scholarship. The money to pursue your career in arts and communications is out there; you just need to know where to look.

The Internet has greatly simplified the process of qualifying for financial aid in recent years. Virtually any scholarship program posts some or all of the pertinent application information online. There are also Web sites designed for young people seeking money to pay for education and training in specific fields. At [www.finaid.com](http://www.finaid.com), students can search for grants, loans, internships, and military opportunities in

areas such as fine arts, graphic design, print journalism, and telecommunications. At [www.scholarships.com](http://www.scholarships.com), funds are organized by categories including interest, geography, cultural heritage, income, grade-point average, religious affiliation, and more.

Each year approximately \$80 billion in financial aid is made available to students through the federal government. To apply for this type of financial aid, often in the form of loans and grants, you must submit a Free Application for Federal Student Aid (FAFSA), which you can obtain from your guidance office, a college, or the U.S. Department of Education's Web site at [www.fafsa.ed.gov](http://www.fafsa.ed.gov).

Remember to apply for as many scholarships and grants as possible and to apply for financial aid as early in the year as you can. Make the effort now to track down the right financial aid, and you will have taken the first steps toward launching your future.

## Arts, A/V Technology, and Communications Student Organizations

The wide range of organizations for students interested in arts and communications reflects the great diversity of occupations within this career cluster. Whether your interest is in broadcast journalism or dance, telecommunications or photography, you can benefit from your involvement with one of these special-interest student clubs.

- SkillsUSA – The annual competitions of this career-oriented student organization include a number of science and engineering events, while the activities of its individual chapters help students develop teamwork and networking skills. SkillsUSA serves high school and college students in more than 13,000 chapters nationwide. The emphasis in SkillsUSA is on career development, but technical competitions are so broad in scope that there is plenty of opportunity to apply your technical knowledge. Choose from events in precision machining technology, robotics, total quality management, and “mechatronics,” the industrial discipline integrating pneumatic, electronic, mechanical, and automated systems. [www.skillsusa.org](http://www.skillsusa.org)
- South Carolina Scholastic Press Association – This organization is for middle and high school students with an interest in any type of student communications, including yearbook design and composition, newspapers, photography, and broadcasting. The association sponsors regular club meetings, workshops, scholarships, and more. [www.sc.edu/cmccis/so/scspa/index.html](http://www.sc.edu/cmccis/so/scspa/index.html)
- ThinkQuest – Students interested in Web design can get involved with ThinkQuest, an international organization for young designers sponsored by the Oracle Corporation. There are ThinkQuest groups in cities across the country and in South Carolina, as well as a number of ThinkQuest competitions for individuals or school Web design clubs. [www.ThinkQuest.org](http://www.ThinkQuest.org)
- FCCLA – FCCLA is a national career and technical student organization with the family as its central focus. Since 1945, FCCLA members have expanded their leadership potential and developed skills for life that are necessary in the home and workplace, including planning, goal setting, problem solving, decision making, and interpersonal communication. Today over 225,000 members in nearly 7,000 chapters are active in a network of associations in 50 states as well as in the District of Columbia, the Virgin Islands, and Puerto Rico. Chapter projects focus on a variety of youth concerns including teen pregnancy, parenting, family relationships, substance abuse, peer pressure, nutrition and fitness, environment, teen violence, and career exploration. [www.fcclainc.org](http://www.fcclainc.org)

# Core Requirements for Graduation

## High School Graduation

Subjects	Units Required
English/Language Arts	4
Mathematics	4
Science	3
U.S. History and Constitution	1
Economics	0.5
U.S. Government	0.5
Other Social Studies	1
Physical Education or Junior ROTC	1
Computer Science	1
Modern or Classical Language or Career and Technology Education	1
Electives	7
<b>Total *</b>	<b>24</b>

\* Must pass the exit examination.

## State Certificate

Subjects	Units Required
English/Language Arts	4
Mathematics	4
Science	3
U.S. History and Constitution	1
Economics	0.5
U.S. Government	0.5
Other Social Studies	1
Physical Education or Junior ROTC	1
Computer Science	1
Modern or Classical Language or Career and Technology Education	1
Electives	7
<b>Total *</b>	<b>24</b>

\* Must have failed to meet the standard on all subtests of the exit examination.

## College Entrance

Subjects	Units Required
English/Language Arts	4
Grammar and Composition	2
English Literature	1
American Literature	1
Mathematics	4
Algebra 1 and 2	2
Geometry	1
Pre-Calculus	1
Modern or Classical Language	2
Laboratory Science      Biology, Chemistry, or Physics	3
Social Sciences      U.S. History, Economics, and Government	3
Electives	1
Physical Education/ROTC	1
Arts	1
<b>Total</b>	<b>19</b>



The South Carolina Department of Education does not discriminate on the basis of race, color, religion, national origin, age, sex, or disability in admission to, treatment in, or employment in its programs and activities. Inquiries regarding the nondiscrimination policies should be made to the Employee Relations Manager, 1429 Senate Street, Columbia, South Carolina 29201, (803-734-8781). For further information on federal nondiscrimination regulations, including Title IX, contact the Assistant Secretary for Civil Rights at OCR.DC@ed.gov or call 1-800-421-3481.

# Resource Roundup

Click your way to more career, educational, and scholarship resources by using the Internet. Here are some useful Web sites to get you started:

## Arts and Communications Web Sites

- Graphic Arts Education and Research Foundation, [www.npes.org/gaerf/home.htm](http://www.npes.org/gaerf/home.htm)
- Graphic Arts Information Network, [www.gain.net](http://www.gain.net)
- InfoComm International, [www.infocomm.org](http://www.infocomm.org)
- Media Literacy, [www1.medialiteracy.com](http://www1.medialiteracy.com)
- National Cable and Telecommunications Association, [www.ncta.com](http://www.ncta.com)
- National Endowment for the Arts, [www.nea.gov](http://www.nea.gov)
- South Carolina Arts Commission, [www.southcarolinaarts.com](http://www.southcarolinaarts.com)
- South Carolina Chapter of the Public Relations Society of America, [www.scprsa.org](http://www.scprsa.org)
- South Carolina Scholastic Press Association, [www.sc.edu/cmcs/so/scspa/index.html](http://www.sc.edu/cmcs/so/scspa/index.html)

Search the Internet for other professional organizations related to Arts, A/V Technology, and Communications.

## Education and Career Planning Web Sites

### Inside South Carolina

- Career Guidance Model, [www.careerguidancemodel.org](http://www.careerguidancemodel.org)
- South Carolina Chamber of Commerce, [www.sccchamber.net](http://www.sccchamber.net)
- South Carolina Commission on Higher Education, [www.che400.state.sc.us](http://www.che400.state.sc.us)
- South Carolina Employment Security Commission, [www.sces.org](http://www.sces.org)
- South Carolina Higher Education Tuition Grants Commission, [www.sctuitiongrants.com](http://www.sctuitiongrants.com)
- South Carolina Independent Colleges and Universities, [www.scicu.org](http://www.scicu.org)
- South Carolina Occupational Information System, [www.scois.net](http://www.scois.net)
- South Carolina Public Colleges and Universities, [www.state.sc.us/edu/univcoll.html](http://www.state.sc.us/edu/univcoll.html)
- South Carolina Technical College System, [www.sctechsystem.com](http://www.sctechsystem.com)
- WorkKeys, [www.workreadysc.org](http://www.workreadysc.org)

### Outside South Carolina

- America's Career Resource Network Association, [www.acrna.net](http://www.acrna.net)
- Career Communications, Inc., [www.carcom.com](http://www.carcom.com)
- Armed Services Vocational Aptitude Battery (ASVAB), [www.todaysmilitary.com/app/tm/nextsteps/asvab](http://www.todaysmilitary.com/app/tm/nextsteps/asvab)
- Career Interests Game, [career.missouri.edu/students/explore/thecareerinterestsgame.php](http://career.missouri.edu/students/explore/thecareerinterestsgame.php)
- Career Key, [www.careerkey.org](http://www.careerkey.org)
- Coin Career College System, [community.coin3.com](http://community.coin3.com)
- College Board, [www.collegeboard.com](http://www.collegeboard.com)
- Holland's Self-Directed Search, [www.self-directed-search.com](http://www.self-directed-search.com)
- Kuder, [www.sc.kuder.com](http://www.sc.kuder.com)
- Mapping Your Future, [www.mapping-your-future.org](http://www.mapping-your-future.org)
- National Career Development Association, [www.ncda.org](http://www.ncda.org)
- O\*NET Online, [online.onetcenter.org](http://online.onetcenter.org)
- Occupational Outlook Handbook, [www.bls.gov/oco](http://www.bls.gov/oco)
- The Princeton Review, [www.review.com](http://www.review.com)
- Salary Information, [www.salary.com](http://www.salary.com)

\* Web site addresses were correct at time of publication but may have changed. If an address is no longer valid, please use an Internet search engine to locate the resource.

Note: Local South Carolina schools and districts may choose to use fewer career clusters, clusters that are organized differently, or clusters with alternative names.

Pathways to Success: Arts, A/V Technology, & Communications Edition© 2003 South Carolina Tech Prep/School-to-Work Alliance.

Published by the South Carolina Tech Prep/School-to-Work Alliance in partnership with the Office of Career and Technology Education, South Carolina Department of Education and VTECS. Produced by Laine Communications ([www.lainecomcommunications.com](http://www.lainecomcommunications.com)). Revised 2007. South Carolina Department of Education with South Carolina Education and Economic Development Act funding. Published by the South Carolina Department of Education in partnership with the Office of Career and Technology Education. Designed and produced by Laine Communications and Chernoff Newman ([www.chernoffnewman.com](http://www.chernoffnewman.com)).

Find more information on education and career planning for Arts, A/V Technology, and Communications.



## Career Guidance Information Sources

Check out these comprehensive sources of career and education information, which are available through your school or public libraries:

SCOIS (South Carolina Occupational Information System)— [www.scois.net](http://www.scois.net). An electronic database of information about careers, salaries, job requirements, educational options, scholarships, and more.

O\*NET (Occupational Information Network)— [online.onetcenter.org](http://online.onetcenter.org). A national occupational information database that helps students make informed decisions about education, training, career choices, and work.

COIN (Coin Career Guidance System)— [community.coin3.com](http://community.coin3.com). A comprehensive software program with career and college planning information, especially for South Carolina students.

WorkKeys— [www.workreadysc.org](http://www.workreadysc.org). A comprehensive resource for information about the South Carolina Career Readiness Certificate – how and where to qualify, as well as its value to students and the community.

Kuder— [sc.kuder.com](http://sc.kuder.com). A comprehensive online college and career planning system with links to government and educational information and organizations.



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