

Governor's STEM Academy Brief



Office of Career, Technical, and Adult Education

VOLUME 61 — ARTS, AUDIO/VIDEO TECHNOLOGY & COMMUNICATIONS

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The purpose of the monthly brief is to provide information, resources, and a networking vehicle to support the Governor's STEM (science, technology, engineering, and mathematics) Academies in Virginia.

GOVERNOR'S STEM ACADEMIES SPOTLIGHTS

The Specialty Center for Mass Communications at Burton Center for Arts and Technology, a Governor's STEM Academy in Roanoke County, has developed an exemplary internship program for senior students. Students gain career experience through numerous business partnerships throughout the Roanoke Valley. Students have the opportunity to cover live events, assist in marketing campaigns, work in broadcast news, and produce high-end video with professional cinematographers. Students have worked at Roanoke's NBC affiliate WSLR and NPR affiliate WVTF, and have collaborated with Carilion Clinic's marketing department, Blue Ridge Public Television, and both minor league franchises located in the Roanoke Valley (The Salem Red Sox and the Roanoke Railyard Dawgs). Additionally, on-the-job training opportunities are available to students as capstone experience.

CURRENT DEVELOPMENTS IN ARTS, A/V TECHNOLOGY AND COMMUNICATIONS

- [How to Scale the Liberal Arts | Technology and Learning — Inside Higher Ed](#)
- [Christy McDonald: Liberal arts education can lead to career success](#)
- [Why tech industries are demanding more liberal arts graduates — Education Dive](#)
- [What's the next big thing in theme park ride technology? — Theme Park Insider](#)
- [Crisis Communication After an Attack — MIT Technology Review](#)
- [Cybersecurity Crucial to Military Communications Even With Constrained Budgets — AFCEA Signal](#)

INSTRUCTIONAL STRATEGIES— ARTS, A/V TECHNOLOGY AND COMMUNICATIONS

- [Lesson Plans | PBS NewsHour Student Reporting Labs](#)
- [Journalism Lesson Plans — Teach-nology](#)
- [Education World: A Broadcast Re-Creation](#)
- [Making Films — Rock Your World](#)
- [Cinematography Lesson Plans & Worksheets Reviewed by Teachers — Lesson Planet](#)
- [Film and Television Production Lesson Plans & Worksheets — Lesson Planet](#)
- [Lesson Plans — Drama Hub](#)
- [Visual Art Lesson Plans — Teach-nology](#)
- [Art Integration Lesson Plans — Education Closet](#)
- [Arts, A/V Technology & Communications — Knowitall.org](#)
- [Visual and Performing Arts Teacher Resources — Lesson Planet](#)
- [Arts Lesson Plans — Teacher.org](#)
- [Visual and Performing Arts — Lesson Planet](#)

CAREERS IN ARTS, A/V TECHNOLOGY AND COMMUNICATIONS

- [Art Careers | Schools | Education — The Art Career Project](#)
- [150+ Art Careers - The Ultimate List — Student Art Guide](#)
- [List of 10 Careers in the Arts — Chron](#)
- [Careers for creative people : Career Outlook: U.S. Bureau of Labor Statistics](#)
- [Liberal Arts Degrees and Arts & Humanities Careers — Learn How to Work](#)
- [Arts, Communications, Media, and Design — Careers in the Military](#)
- [Careers in Communications — PublicHealth](#)
- [Top 10 Careers with a Communications Degree — Masters In Communication](#)
- [Graphic Designers : Occupational Outlook Handbook — U.S. Bureau of Labor Statistics](#)
- [Graphic Designers — MyPlan.com](#)
- [Types of Graphic Design Jobs — Chron](#)
- [Film and Video Editors and Camera Operators : Occupational Outlook Handbook — U.S. Bureau of Labor Statistics](#)
- [What Certification Do I Need to be an Audio Visual Technician — Learn.org](#)
- [Becoming an Audio Engineer — LearningPath.org](#)
- [What Careers are Available in Digital Video Production? — Learn.org](#)
- [Broadcast and Sound Engineering Technicians : Occupational Outlook Handbook — U.S. Bureau of Labor Statistics](#)
- [Careers in Broadcast Journalism: Job Duties and Requirements — Study.com](#)
- [Reporters, Correspondents, and Broadcast News Analysts : Occupational Outlook Handbook — U.S. Bureau of Labor Statistics](#)
- [What are Some Possible Careers for a Journalism Major? — Learn.org](#)
- [Broadcast Journalist — U.S. Air Force](#)
- [Types of Jobs in Telecommunications — Chron](#)
- [Telecommunications Majors: Salary and Career Facts — Learn.org](#)

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