

Charting the Course

CLICK THE LINKS BELOW TO EXPLORE...



Career Clusters

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- [Architecture & Construction](#)
- [Arts, A/V Technology & Communications](#)
- [Business Management & Administration](#)
- [Education & Training](#)
- [Finance](#)
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- [Human Services](#)
- [Information Technology](#)
- [Law, Public Safety, Corrections & Security](#)
- [Manufacturing](#)
- [Marketing](#)
- [Science, Technology, Engineering & Mathematics \(STEM\)](#)
- [Transportation, Distribution & Logistics](#)

TCE Center Programs

- [Advanced Technology Center](#)
- [Tech Center](#)

High School Academies

- [Entrepreneurship & Business](#)
- [Global Studies & World Languages](#)
- [Governor's STEM & Technology](#)
- [Green Run Collegiate](#)
- [Health Sciences](#)
- [International Baccalaureate](#)
- [Legal Studies](#)
- [Mathematics & Science](#)
- [Visual & Performing Arts](#)

Dual Enrollment Programs

[Tidewater Community College \(TCC\)](#)

Arts, A/V Technology & Communications

Individuals that work in the AV communications industry manufacture, sell, rent, design, install, integrate, operate and repair the equipment of audiovisual communications. Careers include designing, producing, exhibiting, performing, writing and publishing multimedia content including visual and performing arts and design, journalism and entertainment services.



Pathways:

- Audio and Video Technology and Film
- Journalism and Broadcasting
- Performing Arts
- Printing Technology
- Telecommunications
- Visual Arts

Map pin denotes Virginia Beach Economic Development key industries aligned with career clusters.

Suggested Learning Experiences

Middle School Electives	<ul style="list-style-type: none"> • Exploratory Art, Teen Living, Technology Education Exploratory, Computer Solutions and Adv. Computer Solutions, Keyboarding
Advanced Studies Diploma Coursework	<ul style="list-style-type: none"> • ENGLISH: Any sequence meeting graduation requirements • MATH: Algebra I, Geometry, Algebra II or Algebra II Trigonometry and any 4th math credit • SCIENCE: Earth Science, Biology, Chemistry and any 4th science credit • SOCIAL STUDIES: Any sequence meeting graduation requirements
Standard Diploma Coursework	<ul style="list-style-type: none"> • ENGLISH: Any sequence meeting graduation requirements • MATH: Algebra I, Geometry and any 3rd math credit • SCIENCE: Earth Science, Biology or any 3rd science credit • SOCIAL STUDIES: Any sequence meeting graduation requirements
Career Coursework	<ul style="list-style-type: none"> • A/V & BROADCASTING: Photography & Printing, Computers & Communication Technology, Graphic Communication, Television Communication & Production I & II • JOURNALISM: Any Journalism, Television Communication & Production I & II • ART: All Art Courses • VOCAL: All Chorus Courses • INSTRUMENTAL: All Band Courses • THEATER: All Theater Courses • PRINTING: All Printing and Design Courses • VISUAL ART & DESIGN: All Art Courses, Photography & Printing, Computers & Communication Technology, Graphic Communication, Digital Design I & II • TELECOMMUNICATIONS: IT Fundamentals, Network Administration & Cyber Security, CISCO Network Engineering I & II, Telecommunications I & II
Academy/Center Programs	<ul style="list-style-type: none"> • Advanced Technology Center • Visual & Performing Arts Academy • Technical & Career Education Center

Industry Certifications	<ul style="list-style-type: none"> • AAFCS: Interior Design Examination, ACA DreamWeaver CS6, ACA FlasH CS6, ACA PhotoShop CS6, ADOBE Adobe Certified Associate, Adobe Certified Associate: Illustrator, Adobe Certified Associate: Photoshop CS5, Advanced Customer Service and Sales Certification, AutoCAD Certified User, Autodesk Inventor Certified User, CareerSafe OSHA 10, Microsoft Office Specialist (All tests), Cisco Certified Entry Network Tech-CCENT, Cisco Certified Networking Associate-CCNA, Cisco Interconnecting Cisco Networking Devices, CIW Advanced HTML5 & CSS3, CIW Site Development Foundations, CompTIA A+ Certification Essentials, CompTIA A+ Practical Applications, CompTIA Network+, CompTIA Security +, Customer Service and Sales Certification, ETA Certified Satellite Dish Installer, ETA Data Cabling Installer Certification, ETA Fiber Optic Installer, ETA Telecommunications Electronics Tech, IC3 GS4 Computing Fundamentals, IC3 GS4 Key Applications, IC3 GS4 Living Online, Microsoft Certified Technology Specialist (MCTS), MTA Networking Fundamentals, MTA Security Fundamentals, MTA Web Development Fundamentals, NOCTI Advertising and Design, NOCTI Television Production Assistant, Novell C.N.A. 6.0, Satellite Fundamentals Exam, SkillsUSA: Microsoft Technology Associate
Student Organizations	<ul style="list-style-type: none"> • SkillsUSA • TSA - Technology Student Association
Career Exploration/ Enrichment	<ul style="list-style-type: none"> • RU Ready • VA Wizard for College & Career Information • VA Career V.I.E.W. for K-8 Career Information • Major Clarity
Co-operative Education/ Internships	<ul style="list-style-type: none"> • Co-op or internship recommended



Arts, A/V Technology & Communications

Career Types by Pathway

HIGH SCHOOL DIPLOMA ON-THE-JOB TRAINING	CERTIFICATE/LICENSE	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
AUDIO AND VIDEO TECHNOLOGY AND FILM				
	Audio & Recording Technology Video Production	Audio & Recording Technology Communications Technology Electronics Industrial Video Production Film/Video Technology	Design & Visual Communications Electrical Engineering Film Studies & Production Mechanical Engineering Telecommunications Management	Electronics Engineering
JOURNALISM & BROADCASTING				
	Certification by the Society of Broadcast Engineers Radio Announcing Radio Production	Audio & Recording Technology Radio/TV Journalism Mass Media Communications Media Arts	Advertising Broadcasting Journalism News-Editorial Visual Communication	Journalism
PERFORMING ARTS				
Movie & Stage Grip Usher & Ticket Taker Movie Projectionist	Musical Instrument Repair & Tuning Sound Engineering Theater Technology	Camera Operation Music Musical Instrument Repair & Tuning Sound Engineering Theater Technology	Arts Administration Dance Music Stage Management Theater Arts	Music Musical Arts
PRINTING TECHNOLOGY				
Bookbinder & Bindery Worker Graphic & Printing Equipment Operator	Desktop Publishing Digital Publishing Graphic Communication Offset Publishing Web Page Design	Electronic Imaging & Graphics Graphic Design Media Arts Printing Technology Visual Publications	Computer Graphics Graphic Design Industrial Design Printing Management Visual Communication & Design	
TELECOMMUNICATIONS				
	Electronics Technology	Computer & Information Sciences Computer Systems Analysis Electronics Technology in Telecommunications Information Technology	Computer Networking & Telecommunications Electronics Engineering Operations Technology Telecommunications Management	Electronics Engineering Information Technology Telecommunications Engineering
VISUAL ARTS				
Photograph Processing Worker	Commercial Art Digital Publishing Graphic Art Multimedia Photography	Commercial Art Graphic Design Interior Design Media Arts Visual Publications	Art History Fashion Design Graphic Design Interior Design Studio Arts Visual Communication	Art History Studio Arts