

Roanoke County Public Schools



Specialty Centers

The Specialty Centers are located at the Burton Center for Arts and Technology



Specialty Centers

- **Concentrate on students' special interests or talents**
- **Offer students choices to focus their learning experience**
- **Provide rigorous courses to students who have specific interests and career goals**
- **Enable students to work closely with a cohort of like-minded peers**

Engineering

Mass Communication

Performing Arts

Visual Arts
And Museum Studies

Commonalities

A close-up photograph of a hand holding a yellow pencil, poised to write on a white sheet of paper. The background is softly blurred, showing more of the paper and the hand's grip. The lighting is natural, highlighting the texture of the skin and the wood of the pencil.

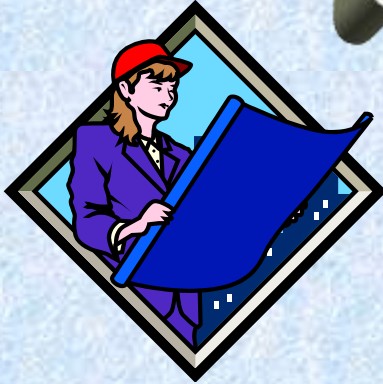
- Rigorous and in-depth curriculum
- Weighted credit* for classes beginning in the 10th grade
- Unique opportunities to work with professionals in the field - internships
- Real-world experiences – fieldtrips
- Home school membership
- Competitive application process



Center for Engineering

- **Rigorous curriculum and advanced studies leading to college credit**
- **Focus on both practical and theoretical aspects of engineering**
- **Integrated engineering, mathematics, and science coursework**

Center for Engineering



Grade 9

Introduction to Engineering I
Algebra II

Grade 11

Engineering Methods*
AP Calculus AB*
Advanced Chemistry
Integrated Physics*



Grade 10

Introduction to Engineering II*
Integrated Precalculus*

Grade 12

Engineering Research*
Engineering Professional
Development and Internship*
Engineering Economy*
Engineering Statics*
Advanced Calculus*

Center for Mass Communication



- **Four-year program in the study of the television, radio, internet, and print media industries**
- **Hands on instructional approach**
- **Integrated coursework**



A group of four people (three men and one woman) are gathered around a table in a meeting. They are looking at a laptop screen. The image is overlaid with seven blue ovals containing white text. The background is a blurred office setting.

**Video and Still
Photography**

**Audio/Video
Production**

**Desktop
Publishing**

**Ethical and Legal
Industry Issues**

**Public Speaking
&
Script Writing**

Advertising

**Copywriting
&
Reporting**

Graphic Design

Center for Mass Communication

Director, Mr. Salo Pre-AP and AP English, Mr. Short

Digital and Web Design, Ms. Rickman



News Anchor
Reporter
Producer
Videographer
Journalist



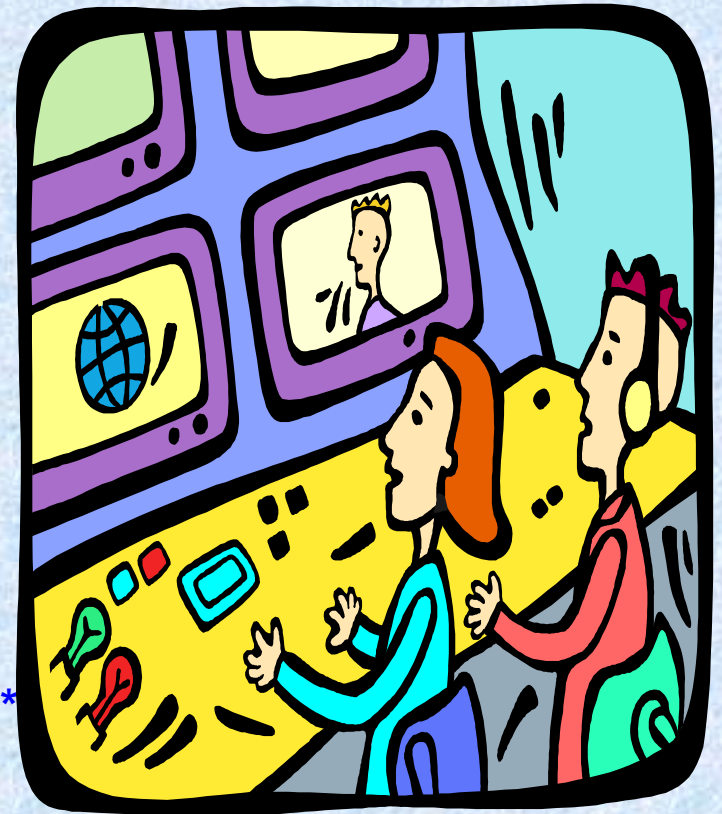
Lighting Designer
Writer
Video/Film Editor
Director
Technical Director
Web Master/Designer

Marketing
Broadcast Technician
Audio-Video
Designer/Engineer
Advertising



Program of Study

- **9th Grade: History and Introduction to Mass Communication**
 - Pre-AP English 9
- **10th Grade: Media Production I***
 - Pre-AP English 10
- **11th Grade: Media Production II***
 - AP English 11
 - Digital Web Design
- **12th Grade: Applied Media Production**
 - Media Production Internship***



Center For Performing Arts



Students will have opportunities to work with teachers and professionals to hone performance skills.



Career Directions

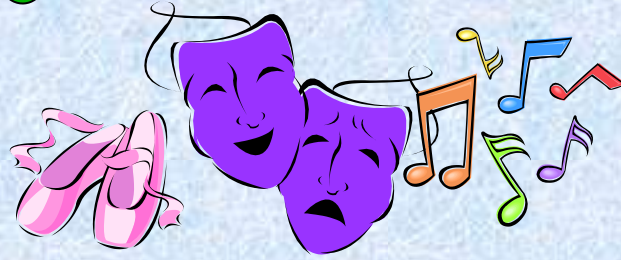
- **Acting**
- **Directing**
- **Choreographing**
- **Performing**
- **Teaching**
- **Talent Management**



Areas of study

- **Vocal instruction**
- **Musical training**
- **Dance movement**
- **Stage production**
- **Theatrical training**

Center for



Performing Arts

- **9th Grade**
 - Performing Arts I
- **10th Grade**
 - Performing Arts II*
- **11th Grade**
 - Performing Arts III*
- **12th Grade**
 - Performing Arts IV*



This center....



immerses students in creative visual art experiences that integrate studio work, research, critique, aesthetics and career opportunities.



provides mentorship opportunities and interaction with artists, art galleries and museums.



cultivates the development of critical analysis, problem solving, design skills and professionalism.

Center for Visual Arts and Museum Studies

- **Freshman Year – experience art through cultures and museum studies**
- **Sophomore Year – study many art mediums through artists and museum studies****
- **Junior Year - focus on personal art styles and create a personal portfolio****
- **Senior Year – internship with artists / businesses and continue creating a professional portfolio in AP Studio Art****

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IMPORTANT DATES



- **November 1 - 12, 2010**
 - Virtual tours and presentation of Specialty Centers at the middle schools
- **November 2010**
 - Applications available at middle school guidance offices
- **December 15, 2010**
 - Applications due to middle school guidance counselors
- **February 28, 2011**
 - Student's notification of acceptance to a Specialty Center mailed

For further information contact :

Center for Engineering

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Center for Mass Communication

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Center for Performing Arts

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Center for Visual Arts & Museum Studies

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Burton Center for Arts and Technology

**Andy McClung, Principal
857-5000**

Learning for all...whatever it takes.

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