

# 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 piece of paper. The background is blurred, showing more of the paper and the hand. The image is overlaid with a semi-transparent grey box on the left side, which contains the title and a list of bullet points.

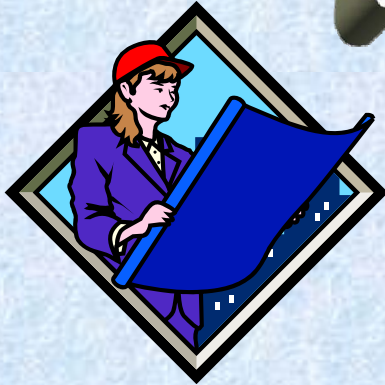
- Rigorous and in-depth curriculum
- Weighted credit\* for classes beginning in the 10<sup>th</sup> grade
- Unique opportunities to work with professionals in the field - internships
- Real-world experiences – fieldtrips
- Home school membership
- Competitive application process



# 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

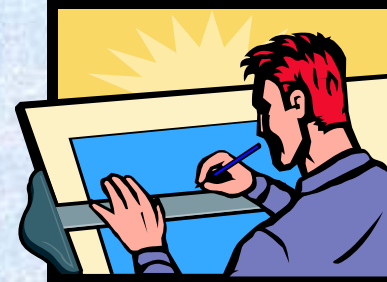


## Grade 9

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 oval callout bubbles, each containing a career path. The bubbles are arranged around the group, with some overlapping the people and the table.

**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



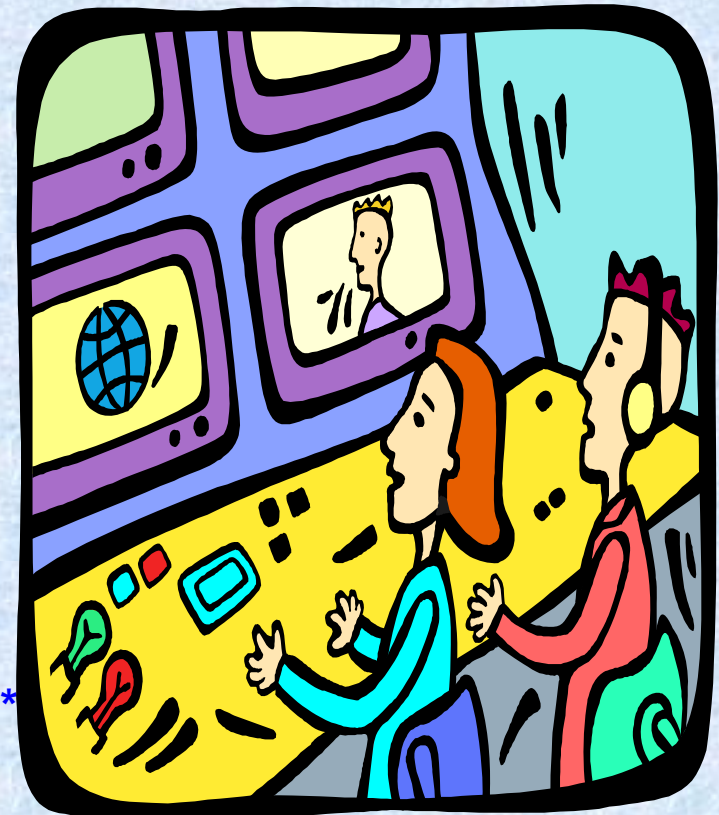
Lighting Designer  
Writer  
Video/Film Editor  
Director  
Technical Director  
Web Master/Designer



Marketing  
Broadcast Technician  
Audio-Video  
Designer/Engineer  
Advertising

# Program of Study

- **9<sup>th</sup> Grade: History and Introduction to Mass Communication**
  - Pre-AP English 9
- **10<sup>th</sup> Grade: Media Production I\***
  - Pre-AP English 10
- **11<sup>th</sup> Grade: Media Production II\***
  - AP English 11
  - Digital Web Design
- **12<sup>th</sup> 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**

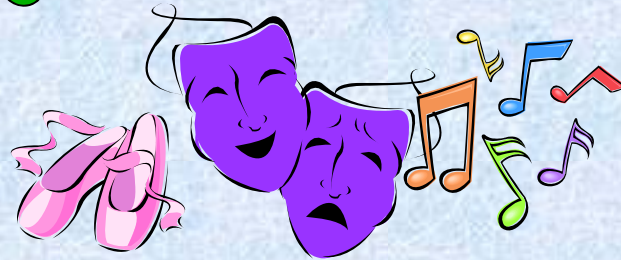
- **Acting**
- **Directing**
- **Choreographing**
- **Performing**
- **Teaching**
- **Talent Management**



## **Areas of study**

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

*Center for*



*Performing Arts*

- **9<sup>th</sup> Grade**
  - Performing Arts I
- **10<sup>th</sup> Grade**
  - Performing Arts II\*
- **11<sup>th</sup> Grade**
  - Performing Arts III\*
- **12<sup>th</sup> 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, 2010**
  - Student's notification of acceptance to a Specialty Center mailed

**For further information contact :**

**Center for Engineering**

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562-3900 x10321**

**Center for Mass Communication**

**Joe LeGault  
562-3900 x10252**

**Center for Performing Arts**

**Barry Tucker  
562-3900 x10253**

**Center for Visual Arts & Museum Studies**

**Rich Moon  
562-3900 x10322**



**Burton Center for Arts and Technology**

**Andy McClung, Principal  
857-5000**

***Learning for all...whatever it takes.***

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