

# Digital and Interactive Media

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## Description:

The students will learn about different types of digital media and how they are used in the world today. Students will examine the impact that digital media has on culture and lifestyle. The course reviews the basic concepts for creating effective digital media and introduces a number of different career paths that relate to digital media. The students will also learn Adobe Photoshop and Adobe Dreamweaver. This will allow them to create different types of digital media.

## Outline:

### Unit 1: Introduction to Digital and Online Media Types

#### Chapter 1: Digital Media

- Digital Camera Basics
- Digital Cameras vs. Mobile Cameras
- The Rise of Digital Libraries
  - Project: What Do People Really Know About Digital Media?
  - Project: Jobs in Digital Media

#### Chapter 2: Digital Media Our World

- Digital Media in Business and Society
- Storing and Sharing Online Media
- Best Practices for Digital Media
  - Project: Digital Media and Business
  - Project: Analyze and Evaluate: Digital Media

### Unit 2: Digital Media: Effectiveness and Production

#### Chapter 1: Effectiveness of Digital Media

- Traditional Media vs. Digital Media
- The Rise of a Digital Society
- Digital Citizenship
  - Project: Research and Write: Is the Internet a Bad Influence on Young People?
  - Project: A Digital Life

#### Chapter 2: Digital Media Production

- Digital Media Production
- Tools for Media Production: Web and Interactive Digital Media
- Media Production: Audio and Video
  - Project: Analyze and Evaluate: Websites
  - Project: Working in the Field

## **Unit 3: Project Management and Social Media**

### **Chapter 1: Project Management**

- Project Management: Project Planning
- Project Management: Project Monitoring
- Project Management: Project Termination
  - Project: Grooming Websites
  - Project: Problem Solving

### **Chapter 2: Social Media**

- Social Media Defined
- Uses of Social Media
- Staying Safe When Using Social Media Sites
  - Project: Research and Learn: Social Media and Problem Solving
  - Project: Current Event: Cyber Bullying

## **Unit 4: Gaming, Simulations, Websites, and Apps**

### **Chapter 1: Gaming and Simulations**

- Video Games and the Video Game Industry
- Simulations and Modeling
- Creating Video Games and Simulations
  - Project: The Game Designer's Presentation
  - Project: New Game 101

### **Chapter 2: Websites and Apps**

- Creating Websites
- Web Pages: Beyond the Basics
- Web Pages and E-commerce
  - Project: Research and Learn: Practice your HTML Development Skills
  - Project: Designing an E-commerce Site

## **Unit 5: Trends in Digital and Online Media**

### **Chapter 1: Digital Business**

- Best Practices of Digital Advertisement and Promotion
- Digital Media in Advertising
- Law and Digital Media
  - Project: Going Global
  - Project: Research and Learn: Law and Digital Media

### **Chapter 2: The Future of Digital Media**

- Digital Audio and Video
- The Future of Digital Media
- Finding a Career that Is Right for You
  - Project: In the Future, What Will Digital Media Look Like for You?
  - Project: Find Your Dream Job and Figure Out How to Land It

**The remainder of the year will be spent learning Adobe Photoshop and Adobe Dreamweaver. The students will be learning how to create and edit digital media(Photoshop) and developing their own websites(Dreamweaver).**