

Career Clusters & Pathways



Focusing Education on the Future!

Preparing for Success in Information Technology

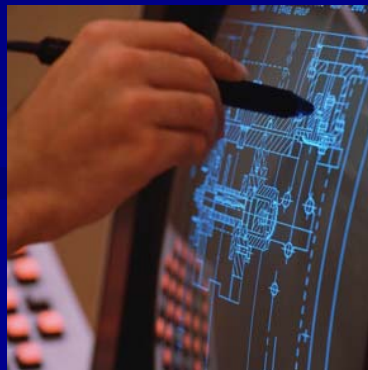




- Careers involve the design, development, support and management of hardware, software, multimedia and systems integration services.
- Great opportunities to learn about and work with exciting new technologies that are transforming our world.
- Continued growth opportunities are expected in the IT field.

Necessary Skills and Traits

- Solid background in math, science, communications, and technical skills
- Knowledgeable in their subject
- Ability to communicate with others
- Ability to inspire trust and confidence



Preparing for Success in Information Technology

Interactive Media



Career Cluster Area: Information Technology
Career Pathway: **Interactive Media**

Pathway Major Courses

3 + 1

To complete a pathway, one must take THREE Pathway Required Concentration Courses and ONE additional Pathway Elective Course.

■ Pathway Concentration Courses (3)

- Advanced Web Design
- Computing in the Modern World
- Digital Media Technology*
- Fundamentals of Web Design*
- Introduction to Animation & 3D Design*
- Multimedia Presentation/Communication Tech

■ Pathway Elective Courses (1)

- Apprenticeship/Internship
- Broadcasting/Video Production I
- Broadcasting/Video Production II
- Communication Technology
- Foundations of Engineering and Technology
- Practicum B – Digital File Preparation*
- Other Pathway Concentration Course

Other Recommended Electives

Interactive Media

- Entrepreneurship: Building a Business
- Introduction to Engineering Drawing
- Marketing Principles
- Psychology
- Visual Arts

Post-Secondary Degrees, Diplomas & Certificates Interactive Media

■ Technical Colleges

- Commercial Photography
- Computer Information –
Systems/Internet
- Website Design Specialist
- Website Fundamentals

■ Colleges/Universities

- Advertising
- Art Marketing
- Computer Information
Systems
- Computer Science
- Management
Information
- Media Arts &
Animation
- Printing & Graphics
Technology

Careers in **Interactive Media**

- Web Administrator
- Architect
- Audio/Video Engineer
- Page Developer
- Site Developer
- Webmaster
- Producer
- Multimedia Developer
- Media Specialist
- Media Designer
- 2D/3D Artist
- Animator
- Web Specialist
- Programmer
- Designer
- Virtual Reality Specialist
- Authoring Specialist
- Specialist Producer
- Production Assistant
- Streaming Media Specialist



Employment Outlook

Interactive Media

- Over 195,000 jobs in Interactive Media are immediately projected; 35,000 in IT companies and 160,000 in IT-reliant companies.
- Organizations of all types and sizes use digital media to communicate with existing and potential customers, to track transactions, and to collaborate with colleagues.
- Interactive media experts can find employment opportunities in organizations of all sizes and types, doing work such as creating e-business auction websites that allow people around the world to buy and sell items in real-time.

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HALL CAREER COUNTY CLUSTERS

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