BACHELOR OF SCIENCE IN
DIGITAL MEDIA TECHNOLOGY

HANDS-ON. TECHNICAL. PRODUCTIVE.

The degree in Digital Media Technology emphasizes the study of processes and management of web development, visual effects, gaming, animation, simulation, video, and multimedia production. This program is designed to prepare technical or technical management-oriented professionals for employment in creative, advertising, educational, and other commercial environments.

This well-rounded degree can prepare you for jobs such as:

- *Web Developer*
- *Web Content Manager*
- *Animator*
- *Technical Artist*
- *Digital Media Manager*
- *Game Developer*
- *Visual Effects Technician*
- *3D Modeler*
- *Video Editor*
- *Sound Technician*
- *Multimedia Specialist*
- *Digital Media Strategist*
- *Photographer*
- *And many more…*

HIGH DEMAND SKILLS

Students have the option to take coursework in a variety of high demand areas such as web development, photography, gaming, 3D animation and modeling, audio, video, design and visual effects. Courses are offered in the Lumpkin College of Business and Technology and the College of Liberal Arts and Sciences.

HANDS ON COURSEWORK FOR YOU

Flexible coursework is available in multiple capacities. Courses are offered face-to-face, hybrid and online. In class you will find yourself using industry standard software to plan, design, develop, and publish a variety of projects. Students learn to integrate specialized hardware into projects such as motion capture equipment, VR headsets, video and audio capture equipment so they can experience and create content. Hands-on and application are at the heart of every project that you will do.

+ WELL-ROUNDED CURRICULUM
+ DEDICATED AND HIGH QUALITY FACULTY
+ EXTENSIVE ENGAGEMENT OPPORTUNITIES

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EASTERN ILLINOIS UNIVERSITY

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BACHELOR OF SCIENCE IN
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TOTAL MAJOR COURSEWORK: 44-46 HOURS

CORE COURSEWORK: 37 HOURS

EGT 1323 Computers for Engineering Tech
CMN 2500 Production I
ENG 3005 Technical Communication
DGT 1001 Intro to Digital Media

DGT 1363 Intro to Graphics Technology
DGT 2123 Intro to Digital Photography
DGT 3003 Game Development
DGT 3013 2D Computer Animation

DGT 3813 Web Development
DGT 4333 Trends in Digital Media
DGT 4353 Digital Media Production Mgmt
DGT 4763 Cost & Plan for Media Projects
DGT 4814 Digital Media Strategy

FOCUS COURSEWORK: 7-9 HOURS
Students must complete 3 courses from ONE focus area.

WEB DEVELOPMENT FOCUS
DGT 4751 UI/UX
DGT 4823 Web Content Mgmt Systems
DGT 4833 Web Search Engine Optimization
DGT 4923 Emerging Web Technologies
CIT 4843 Human Computer Interaction
MIS 3000 - Intro to Databases for Business
MIS 3530 - Business Web Site Design

GAME DEVELOPMENT FOCUS
DGT 4783 Mobile Game Development
DGT 4793 Game Programming
DGT 4913 Emerging Gaming Technology
CIT 1813 Introduction to C++
CIT 2183 Software Development I
CIT 2283 Software Development II
CSM 2170 Computer Science I
CSM 2670 Object Oriented Programming

ANIMATION & VISUAL EFFECTS FOCUS
DGT 3313 3D Modeling for Digital Media
DGT 4123 Advanced Digital Photography
DGT 4753 Visual Effects
DGT 4773 Lighting, Texturing and Rendering
DGT 4933 3D Animation and Motion Capture
EGT 2043 Computer-Aided Eng. Drawing
EGT 3063 3D Modeling

DIGITAL ART AND DESIGN FOCUS
ART 2910 Introduction to Graphic Design
ART 2920 Digital Imaging for Design
ART 3200 Digital Art I
ART 3201 Digital Art II
ART 3912 Interactive/Motion Graphics I
ART 3922 Interactive/Motion Graphics II

MEDIA COMMUNICATION FOCUS
CMN 2550 Audio Production & Voice Work I
CMN 3030 Promotional Communication
CMN 3050 Production II
CMN 4775 Documentary Filmmaking
JOU 3001 Photojournalism
JOU 3002 Intro to Multimedia Journalism
JOU 3703 Online Journalism

AUDIO TECHNOLOGY FOCUS
MUS 1070 Introduction to Music Technology
MUS 2070 Electronic Music Studio Techniques
MUS 2071 Audio & Recording Techniques I
MUS 3070 Electronic Music Studio Techniques II
MUS 3071 Audio & Recording Techniques II
MUS 3072 Live Sound Reinforcement

SUGGESTED 4-YEAR AND 2-YEAR SEQUENCES

- Consult catalog for specific course prerequisites and math departmental guidelines.
- Consult program checklist for scientific awareness and focus area of study course offerings.

YEAR 1

FALL		SPRING	
Humanities	3	Fine Arts	3
Language	3	Language	3
Math	3	Social & Behavioral	3
EGT 1323 or CMN 2500	3	EGT 1323 or CMN 2500	3
DGT 1363 or DGT 2123	3	DGT 1363 or DGT 2123	3
DGT 1001	1		
Total	16	Total	15

YEAR 2

FALL		SPRING	
Humanities / Fine Arts	3	Social & Behavioral	3
Language	3	General Ed/ Biology	3
Social & Behavioral	3	ENG 3005	3
General Ed/ Physical Science	4	DGT 3003, DGT 3013 or DGT 3813	3
DGT 3003, DGT 3013 or DGT 3813	3	DGT 3003, DGT 3013 or DGT 3813	3
Total	16	Total	15

YEAR 3

FALL		SPRING	
DGT 4333 or DGT 4814	3	DGT 4333 or DGT 4814	3
DGT 4353	3	DGT 4763	3
Focus Area Course	3	Focus Area Course	3
Elective or Minor Course if Needed	3	Elective or Minor Course if Needed	3
Elective or Minor Course if Needed	3	Elective or Minor Course if Needed	3
Total	15	Total	15

YEAR 4

FALL		SPRING	
Focus Area Course	3	Senior Seminar	3
Elective or Minor Course if Needed	3	Elective or Minor Course if Needed	3
Elective or Minor Course if Needed	3	Elective or Minor Course if Needed	3
Elective or Minor Course if Needed	3	Elective or Minor Course if Needed	3
Elective or Minor Course if Needed	3	Elective or Minor Course if Needed	3
Total	15	Total	15

YEAR 1

FALL		SPRING	
CMN 2500	3	DGT 3003, DGT 3013 or DGT 3813	3
DGT 1363	3	DGT 4333 or DGT 4814	3
DGT 2123	3	EGT 1323	3
DGT 3003, DGT 3013 or DGT 3813	3	Focus Area Course	3
DGT 3003, DGT 3013 or DGT 3813	3		
DGT 1001	1		
Total	16	Total	12

YEAR 2

FALL		SPRING	
DGT 4333 or DGT 4814	3	Senior Seminar	3
DGT 4353	3	ENG 3005	3
Focus Area Course	3	DGT 4763	3
Elective Course	3	Focus Area Course	3
Total	12	Total	12

MINORS TO COMPLEMENT THE DIGITAL MEDIA TECHNOLOGY MAJOR

Students pursuing a major in Digital Media Technology are strongly encouraged to select one of the following minors to strengthen their skillsets and support their academic and career pursuits.

Please refer to the EIU Undergraduate Catalog to see the requirements for each minor.

- Advertising
- Computer Science
- Graphic Design
- Journalism
- Marketing
- Meeting and Event Management
- Music Technology
- Photojournalism
- Radio & Audio Recording
- Social Media Engagement
- Talent Development
- Video Production

YEAR 1

		SPRING	
		DGT 1363	3
		DGT 2123	3
		DGT 3003, DGT 3013 or DGT 3813	3
		DGT 3003, DGT 3013 or DGT 3813	3
		CMN 2500	3
		Total	15

YEAR 2

FALL		SPRING	
DGT 1001	1	DGT 4763	3
EGT 1323	3	DGT 4333 or DGT 4814	3
DGT 3003, DGT 3013 or DGT 3813	3	ENG 3005	3
DGT 4333 or DGT 4814	3	Focus Area Course	3
Focus Area Course	3		
Total	13	Total	12

YEAR 3

FALL			
Senior Seminar	3		
DGT 4353	3		
Focus Area Course	3		
Elective Course	3		
Total	12		