

INFORMATION TECHNOLOGY, INTERACTIVE MULTIMEDIA, ASSOCIATE IN APPLIED SCIENCE (IMM)

Effective: Fall 2016
Closed: Summer 2024

Note: This program is no longer accepting applications. Please browse the Interactive Computing (IC) (<https://catalog.dccc.edu/academic-programs/programs-study/interactive-computing-aas/>) program.

The Interactive Multimedia specialization prepares students for the design and development of multimedia programs and websites that combine a variety of audiovisual elements including text, graphics, audio, animation and video. The Interactive Multimedia specialization emphasizes the more popular multimedia development tools and programming languages used in industry today.

The Associate in Applied Sciences in the Information Technology (IT) Career Degrees at Delaware County Community College blends the theoretical with the practical. Students are offered a choice of specializations: Computer Programming, Game Development, Help Desk/Technical Support, Interactive Multimedia, Network Engineering, Mobile Computing and Web Development. Students have the benefit of classroom or online instruction, dedicated laboratory facilities and participation in co-curricular activities. Students in the IT Career Degrees are required to take program courses and related electives in their specialization as well as four IT core courses. In addition, students are required to take general education courses.

Program Outcomes

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- Utilize essential steps of the multimedia design and development process including but not limited to needs assessment, target audience profile, media selection, storyboarding, materials development and evaluation.
- Determine the appropriate hardware, software and equipment specifications for multimedia programs or websites.
- Use industry standard applications to create text, graphics, audio, animation and/or video for multimedia programs or websites.
- Use scripting, programming and markup languages required for multimedia programs or websites.
- Create multimedia programs or websites that illustrate appropriate use of text, color, sound, video and/or interactivity.
- Examine requisite skills and careers related to multimedia and web development.

Curriculum

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First Semester		Hours
CS 100	Introduction to Information Technology	3
IMM 200	UX Design	3
CS 101	Introduction to Computer Science	3
ENG 100	English Composition I	3
Select one of the following:		3-4
MAT 120	Modern College Mathematics	
MAT 121	Introduction to Probability and Statistics	
MAT 135	Business Precalculus	
MAT 151	College Algebra	
MAT 160	Calculus I	
Hours		15-16
Second Semester		Hours
ENG 112	English Composition II: Writing About Literature	3
IMM 110	Multimedia Graphics & Design	3
NET 110	Network Communications	3
CS 110	Introduction to C++	3
or CS 104	or Introduction to Java Programming	
Mathematics Elective		3-4
Hours		15-16
Third Semester		Hours
IMM 120	Web Page Design and Development	3
IMM 201	Audio and Video for Multimedia	3
CS 210	Object Oriented C++	3
or CS 204	or Intermediate Java Programming	
Any transferable Diversity and Social Justice (DJ) and Global Understanding (GU) designated course		3
Any transferable Oral Communication (OC) designated course		3
Hours		15
Fourth Semester		Hours
CS 241		3
CS 250	Digital Portfolio Development	3
CS Course		3
Any transferable Scientific Inquiry (SI) designated science course		4
Humanities Elective		3
Hours		16
Total Hours		61-63

Notes