Information Management & Design
Associate in Applied Science
Academic Plan Code – 5204027049

With tracks in Video Game Design, Graphic Design, Web Design, and Library Information Technology

The Information Management & Design program prepares students for careers in various industries utilizing cutting-edge technology within video game design, graphic design, web design, and library professions. Students will specialize their degree from a choice of four tracks.

The Graphic Design track provides the concepts and skills needed to create and produce design projects such as brochures, flyers, newsletters, logos, product packaging, photo restorations and manipulations, multimedia presentations, simple illustrations, and web sites using industry-standard techniques and graphic design applications.

The Web Design track provides the concepts and skills needed to create and produce web sites using industry-standard techniques using graphic and web design, and video editing applications. The Web Design track graduates will have the ability to create and maintain professional sites and also be capable of working with other web professionals such as programmers, network administrators and database administrators as well as interfacing with management and clients.

The Library and Information Technology track prepares graduates for paraprofessional library work.

The IMD Video Game Design track prepares students to design, develop, and market digital games and simulations. This track focuses on artistic and multimedia game design and development.

The courses within the Graphic and Web Design options will assist with preparation for Adobe Certifications and the Certified Internet Webmaster (CIW) certification exam. The Library and Information Technology option courses may be used to meet Kentucky public library certification requirements.

The IMD program also offers two certificates within the web and graphic design options. The web and graphic design certificates provide up-to-date training in current industry-standard software and trends for practitioners in the fields as well as introductory education for beginning students. In addition, the IMD program offers a certificate in Digital Video for students interested in film editing and cinematic arts.

Examples of Careers in Information Management & Design:

• Graphic Designer
• Video Game Designer
• Web Designer
• Production Artist
• Graphic Technician
• Media Specialist
• Video Editor
• Library Paraprofessional

General Education Core		
Course Numbers	**Course Title**	**Credit Hours**
ENG 101	Writing I	3
ENG 102	Writing II	3
	Mathematics Course	3
	Natural Sciences Course	3
	Heritage/Humanities Course	3
	Social /Behavioral Sciences Course	3
	Subtotal Credit Hours	**18**

Technical Core Courses		
IMD 100	Digital Info & Comm Tech	3
IMD 126	Introduction to Desktop Publishing	3
IMD 133	Beginning Web Design	3
IMD 115	Intro to Graphic Design	3
IMD 270	Professional Practices	3
IMD 275	Information Management & Communication	3
COE 199	Cooperative Education OR	3
IMD 271	Internship	(3)
	Subtotal Credit Hours	**21**

(Courses are listed by category and not necessarily in the order to be taken)

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Graphic Design Track
Academic Plan Code – 5204027049

Course Number	Course Title	Credit Hours
IMD 127	Vector Design with Adobe Illustrator	3
IMD 128	Raster Design with Adobe Photoshop	3
IMD 180	Intermediate Web Design	3
IMD 226	Advanced Desktop Publishing	3
IMD 229	Advanced Illustrator OR	3
IMD 228	Advanced Photoshop	(3)
IMD 280	Portfolio Practicum: Graphic Design	3
IMD 277	Typography	3
	Subtotal Credit Hours	**21**

Library Information Technology Track
Academic Plan Code – 5204023159

Course Number	Course Title	Credit Hours
LIT 115	Introduction to Reference Services*	3
LIT 124	Library Administration	3
LIT 132	Library Technical Services	3
LIT 243	Library Services for Children OR	3
LIT 245	Library Services for Young Adults OR	(3)
LIT 247	Library Services for Adults	(3)
	Library Information Technology Option Courses	9
	Subtotal Credit Hours	**21**

Web Design Track
Academic Plan Code – 5204027049

Course Number	Course Title	Credit Hours
IMD 128	Raster Design with Adobe Photoshop	3
IMD 180	Intermediate Web Design	3
IMD 230	Advanced Web Design	3
IMD 240	Multimedia Development for the Web	3
IMD 250	Digital Video Editing I	3
IMD 292	Portfolio Practicum: Web Design	3
	Web Design Option Course	3
	Subtotal Credit Hours	**21**

Video Game Design Track
Academic Plan Code – 5204027049

Course Number	Course Title	Credit Hours
IMD/CIT 124	Introduction to Game Development	3
IMD/CIT 221	Computer Graphics	3
IMD/CIT 222	3D Modeling for Video Games	3
IMD/CIT 223	3D Animation	3
IMD/CIT 273	Game Production	3
IMD/CIT 274	Seminar in Game Development	3
	Video Game Design Option Course	3
	Subtotal Credit Hours	**21**

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Library Information Technology Option Courses

LIT 130	Web Publishing for Public Libraries	3
LIT 243	Library Services for Children*	3
LIT 245	Library Services for Young Adults*	3
LIT 247	Library Services for Adults*	3
LIT 285	History of Libraries	3
LIT 299	Selected Topics in Library Information Management (may be repeated for up to 6 hours)	1-3
*Course can be used as LIT option course if not utilized as LIT option core course		

Web Design Option Courses

Course Number	Course Title	Credit Hours
IMD 127	Vector Design and Adobe Illustrator	3
IMD 232	Web Design with Adobe Dreamweaver	3
IMD 250	Digital Video Editing I	3
IMD 290	Photography	3
IMD 294	Seminar in Information Management & Design Technologies	3
CIT 150	Internet Technologies	3
CIT 120	Computational Thinking	3
CIT 140	JavaScript I	3
Computer Programming Course Approved by Program Coordinator		3
Other Computer & Informational Technologies, Other Option Appropriate Courses Approved by Program Coordinator		1-3
Other Web or Graphic Design Courses Approved by Program Coordinator		1-3

Graphic Design Option Courses

Course Number	Course Title	Credit Hours
IMD 229	Advanced Illustrator (if not taken as a core requirement) OR	3
IMD 228	Advanced Photoshop (if not taken as core requirement)	3
IMD 230	Advanced Web Design	3
IMD 232	Web Design with Adobe Dreamweaver	3
IMD 240	Multimedia Development for the Web	3
IMD 250	Digital Video Editing I	3
IMD 290	Photography	3
IMD 294	Seminar in Information Management & Design Technologies	3
IMD 299	Selected Topics: Information Mgmt./Design	3
MGT 282	Principles of Marketing	3
ENG 203	Business Writing	3
Other Computer & Information Technologies, Architectural, Business, Communication, Fine Arts or other Option Appropriate Courses Approved by Program Coordinator		3

Video Game Design Option Courses

Course Number	Course Title	Credit Hours
IMD 180	Intermediate Web Design	3
IMD 240	Multimedia Development for the Web	3
IMD 250	Digital Video Editing I	3
IMD 290	Photography	3
IMD 127	Vector Design with Adobe Illustrator	3
IMD 128	Raster Design with Adobe Illustrator	3
IMD 228	Advanced Photoshop	3
IMD 294	Seminar in Information Management & Design Technologies	3
IMD 299	Selected Topics: Information Mgmt./Design	3
MGT 282	Principles of Marketing	3
ENG 203	Business Writing	3
Other IMD, Computer & Information Technologies, Architectural, Business, Communication, Fine Arts or other Option Appropriate Courses Approved by Program Coordinator		3

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Graphic Design Certificate

Course Number	Course Title	Credit Hours
IMD 115	Introduction to Graphic Design	3
IMD 133	Beginning Web Design	3
IMD 126	Introduction to Desktop Publishing	3
IMD 127	Vector Design with Adobe Illustrator	3
IMD 128	Raster Design with Adobe Photoshop	3
IMD 226	Advanced Desktop Publishing	3
	Total	**18**

Web Design Certificate

Course Number	Course Title	Credit Hours
IMD 128	Raster Design with Adobe Photoshop	3
IMD 133	Beginning Web Design	3
IMD 180	Intermediate Web Design	3
IMD 230	Advanced Web Design	3
IMD 240	Multimedia Development for the Web	3
IMD 250	Digital Video Editing I	3
	Total	**18**

Digital Video Certificate

Course Number	Course Title	Credit Hours
IMD 128	Raster Design with Adobe Photoshop	3
IMD 250	Digital Video Editing I	3
IMD 255	Digital Video Editing II	3
IMD 258	Visual Effects for Video	3
	Total	**15**

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Library Information Technology Certificate

Course Number	Course Title	Credit Hours
LIT 115	Introduction to Reference Services	3
Library Procedures (select one of the following courses)		
LIT 124	Library Administration **OR**	3
LIT 132	Library Technical Services	(3)
Library Services (select one of the following courses)		
LIT 243	Library Services for Children **OR**	3
LIT 245	Library Services for Young Adults **OR**	(3)
LIT 247	Library Services for Adults **OR**	(3)
LIT 248	Library Services for Preschool Children **OR**	(3)
LIT 280	Genealogy Services in Public Libraries **OR**	(3)
LIT 120	Readers' Advisory Services	3

Library Information Technology Elective (3 hours total)

	Any LIT course above LIT 115	**3**
Kentucky Literature [out-of-state students may substitute any English literature course] (select one of the following courses)		
LIT 200	Seminar in Kentucky Literature **OR**	3
LIT 240	Appalachian Literature of Kentucky **OR**	(3)
LIT 241	Literature of Central Kentucky **OR**	(3)
LIT 242	Literature of Western Kentucky	(3)

Information Literacy

LIN 175	Information Literacy	3

Total Credit Hours	**15**

The certificate in Library Information Technology prepares students for paraprofessional jobs in libraries and particularly in Kentucky public libraries. Upon completion of the academic certificate, students will be able to: perform basic library reference services using print and online sources, plan and produce library services and programs for a selected group of library customers, describe the role of the public library in the community as an agency for information services, and perform readers advisory services and collection development analysis for a selected group of Kentucky authors or genres. Courses taken for the Certificate in Library Information Technology may be used also for the Associate of Applied Science degree in Information Management & Design, Library Information Technology option. All Library Information Technology courses are web-based distance courses.