

NEW MEDIA TECHNOLOGY – A.A.S. Degree Program

The A.A.S. degree program in New Media Technology provides students with a broad understanding of Internet-based technologies for the design, development, maintenance, and support of such digital media as hyperlinked texts, static and moving imagery, audio, video, and multiple interfaces of these media. Using an integrated, interdisciplinary

approach, this 60-credit program combines instruction in technology, art, music, and writing and provides the valuable skills – communication, programming, artistic layout and design, and animation – essential to a career in this field. As preparation for employment in the field, the curriculum includes a cooperative education component.

GENERAL EDUCATION CORE REQUIREMENTS		<i>Credits</i>
EN-103*	Writing for the New Media.....	3
EN-102	English Composition II: Intro. to Literature.....	3
MA-301	Foundations of Mathematics.....	3
—	Laboratory Science.....	4
—	Social Sciences/History elective.....	6
—	Humanities elective.....	3
		<i>Sub-total 22</i>
REQUIREMENTS FOR THE MAJOR		
ET-504§	Operating Systems and System Deployment	2
ET-704	Networking Fundamentals I	4
ET-710§	Web Technology I: Building and Maintaining Web Sites.....	4
ET-712	Web Client Programming: JavaScript.....	3
AR-121	Two Dimensional Design.....	3
AR-473	Electronic Imaging.....	2
ME-200	Digital Audio for New Media.....	3
		<i>Sub-total 21</i>
ELECTIVES**		
<i>Select 17 credits from the following:</i>		
ET-481	Personal Computer Technology, Architecture, and Troubleshooting.....	2
ET-505	Introduction to 'C++' Object Oriented Programming.....	4
ET-506	Introduction to UNIX (LINUX)	4
ET-507	Advanced 'C++' Object Oriented Programming	4
ET-705	Networking Fundamentals II	4
ET-706	Network Configuration I (Cisco CCNA 3).....	4
ET-707	Network Configuration II (Cisco CCNA 4).....	4
ET-714	Web Technologies II: Building Database- Driven Web Sites.....	4
ET-716	Java Programming Technology.....	4
ET-718	Database Technology.....	3
ET-720	Advanced Web and Multimedia Programming Applications.....	1
ET-728	Web Tech: XML.....	4
ET-991	Cooperative Education.....	1
ET-992	Cooperative Education.....	1
AR-642§	Web Animation.....	3
		<i>Sub-total 17</i>
Total Credits Required		60

SUGGESTED SEQUENCE OF COURSES		<i>Credits</i>
Semester 1		
EN-103	Writing for the New Media.....	3
ET-504§	Operating Systems and System Deployment	2
ET-710§	Web Technology I: Building and Maintaining Web Sites.....	4
ET-712	Web Client Programming: JavaScript.....	3
AR-121	Two Dimensional Design.....	3
		<i>Sub-total 15</i>
Semester 2		
MA-301	Foundations of Mathematics.....	3
ET-704	Network Design and Implementation	4
AR-473	Electronic Imaging.....	2
—	New Media Technology elective.....	4
—	Social Sciences/History elective.....	3
		<i>Sub-total 16</i>
Semester 3		
ME-200	Digital Audio Arts for New Media	3
EN-102	English Composition II: Intro. to Literature.....	3
—	New Media Technology elective.....	4
—	Laboratory Science	4
		<i>Sub-total 14</i>
Semester 4		
—	New Media Technology electives.....	9
—	Humanities elective.....	3
—	Social Sciences/History elective.....	3
		<i>Sub-total 15</i>
Total Credits Required		60

A Certificate program in New Media Technology

is also offered by the Department of Electrical and Computer Engineering Technology.

* Credit may not be awarded to students who have already taken EN-101.

** The following New Media Technology electives are highly recommended:
AR-642, ET-714, ET-716, ET-718, ET-720, ET-991, 992

§ Sections of this course denoted as "WI" may be taken to partially satisfy the Writing Intensive Requirement.

Two (2) Writing Intensive classes are required for the Associate degree. See page 69.