Degree Description

Enhances the technical skills of student from non-technical backgrounds to work in the eCommerece marketplace.

Marketable Skills: 1. Understand and apply computing terminology and concepts used in the workplace- Critical Thinking/ Communication

2. Design, publish, manage, troubleshoot and secure dynamic Web sites 3. Configure, use, and troubleshoot computer operating systems and/or application software Critical Thinking

4. Create and integrate at least two electronic media in web, paper and/or electronic formats

ARTC 1302 Digital Imaging I	3 hours
IMED 1316 Web Design I	3 hours
GRPH 1359 Vector Graphics for Production	3 hours
ARTV 2301 2D Animation I *or* IMED 2315 Web Design II *or* ARTV 1351 Digital Video	3 hours
	12 hours

Total hours:	**12 hours**

Course Descriptions

ARTC 1302 Digital Imaging I

Digital imaging using raster image editing and/or image creation software: scanning, resolution, file formats, output devices, color systems, and image-acquisitions. Semester Hours 3 (2 lec/2 lab)

IMED 1316 Web Design I

Introduces Internet Web page design and related graphic design issues, including mark-up languages, websites, Internet access software, and interactive topics. Students should be proficient with Windows functions, mousing and keyboarding skills.

GRPH 1359 Vector Graphics for Production

A study and use of vector graphics for production. Semester Hours 3 (2 lec/2 lab)

ARTV 2301 2D Animation I

Teaches skill development in the use of software to develop storyboards and two dimensional animation including creating, importing, and sequencing media elements to create multimedia presentations. Emphasis on conceptualization, creativity, and visual aesthetics. Semester Hours 3 (2 lec/2 lab)

IMED 2315 Web Design II

Studies current mark-up languages and layout techniques for creating engaging, well-designed Web pages; identify the target audience and producing websites according to World Wide Consortium (W3C) standards, and legal issues. Demonstrate the use of WC standards; build dynamic web pages; evaluate legal and ethical issues; and test and maintain a website. Prerequisites: Successful completion of IMED 1316 with a minimum grade of C or equivalent introductory Web design course with instructor consent; knowledge of CSS and division tags important. Semester Hours 3 (2 lec/2 lab)

ARTV 1351 Digital Video

Develops skills in producing and editing video and sound for multimedia or Web productions. Emphasis is placed on the capture, editing, and outputting of video using a digital video workstation. Semester Hours 3 (2 lec/2 lab)