

VISUAL COMMUNICATIONS MULTIMEDIA (VCM)

VCM 110 (3 credit hours)

Fundamentals of Animation

Explores the fundamentals of 2-D animation through history, theory and practical application. Covers the basic concepts of animation, including: character design and development, character environment, and storyboarding. Students must receive a letter grade of "C" or better. Lecture: 3.0 credits (45 contact hours).

Attributes: Technical

Components: LEC: Lecture

VCM 115 (3 credit hours)

2-D Animation

Introduces basic computer animation as it relates to advertising using industry standard software. Uses software to create 2-D animations for various multi-media functions. Lecture: 1.0 credit (15 contact hours); Laboratory: 2.0 credits (75 contact hours).

Pre-requisite: VCC 125 or VCC 150 and VCA 173.

Attributes: Technical

Components: LEC: Lecture

VCM 125 (3 credit hours)

Foundations of Video Production

Introduces students to the basics of video production. Includes screenwriting, storyboards, planning a video production project, and optional effects/animation concepts. Familiarizes students with video, lighting, and sound equipment. Lecture: 3 credits (45 contact hours).

Attributes: Technical

Components: LEC: Lecture

VCM 140 (3 credit hours)

Digital Video

Presents techniques for digital audio and video acquisition, equipment, and editing software. Emphasizes planning and creating storyboards for digital video projects from conception to final product. Develops an understanding of digital distribution. Lecture/Lab: 3.0 credits (90 contact hours).

Pre-requisite: VCC 125 or VCC 150 or Digital Literacy.

Attributes: Technical

Components: LEC: Lecture

VCM 150 (3 credit hours)

Audio Production I

Introduce basic technical skills, recording equipment, and vocabulary for audio production. Develop skills in evaluation and listening to audio recordings. Utilize industry software for audio recording and editing. Lecture: 3 credits (45 contact hours).

Attributes: Technical

Components: LEC: Lecture

VCM 205 (3 credit hours)

Introduction to HTML

Introduces students to the components of a website including cascading style sheets (CSS). Provides an understanding of editing and designing web structures using hypertext markup language (HTML). Lecture: 3.0 credits (45 contact hours).

Pre-requisite: VCC 125 or VCC 150.

Attributes: Technical

Components: LEC: Lecture

VCM 210 (3 credit hours)

3-D Animation

Introduces the principles of animation. Uses commercial 3-D animation packages and storyboards to produce 3-D models and animations. Students must receive a letter grade of "C" or better. Pre-requisite Or Lecture: 1.0 credit (15 contact hours). Lab: 2.0 credits (75 contact hours).

Co-requisite: VCM 115.

Attributes: Technical

Components: LEC: Lecture

VCM 215 (3 credit hours)

After Effects

Introduces basic compositing techniques and motion graphics using Adobe After Effects. Emphasizes an understanding of pre-production for After Effects, green screen, lighting, key-framing, creating mattes, animating text, syncing to audio, and exporting projects. Lecture: 3.0 credits (45 contact hours).

Pre- or co-requisite: VCC 125 or VCC 150 or Digital Literacy.

Attributes: Technical

Components: LEC: Lecture

VCM 220 (3 credit hours)

Webpage Design

Introduces students to principles and elements used in web design. Explores basic web design tools such as mark-up languages, cascading style sheets, and web authoring software. Identifies fundamentals including website layout, navigation, font usage, color schemes, and site structure to create visually pleasing websites. Lecture: 1.0 credit (15 contact hours). Lab: 2.0 credits (75 contact hours).

Pre-requisite: VCC 125 or VCC 150.

Attributes: Technical

Components: LAB: Laboratory, LEC: Lecture

VCM 225 (3 credit hours)

Advanced 3-D Animation

Familiarizes students with advanced techniques of computer animation. Covers the production of 3-D animations using advanced lighting and rendering tools, inverse kinematics, and dynamic scene elements. Students must receive a letter grade of "C" or better. Pre-requisite Or Lecture/Lab: 3.0 credits (90 contact hours).

Co-requisite: VCM 210.

Attributes: Technical

Components: LEC: Lecture

VCM 230 (3 credit hours)

Advanced Webpage Design

Utilizes HTML and CSS and an advanced web-authoring software for design and development of a website. Utilizes fundamentals of web design, such as site layout and structure, navigation, font usage, and color schemes, to create a visual pleasing and responsive website. Introduces aesthetic, navigational, accessibility, and interactivity issues for web designers. Lab: 3 credits (90 contact hours).

Pre-requisite: VCM 220.

Attributes: Technical

Components: LAB: Laboratory

VCM 240 (3 credit hours)

Advanced Digital Video

Emphasizes the planning and creation of digital video projects through a non-linear editing environment. Deploys audio/video content through various delivery systems. Lecture: 1.0 credit (15 contact hours). Lab: 2.0 credits (75 contact hours).

Pre-requisite: VCM 140.

Attributes: Technical

Components: LAB: Laboratory, LEC: Lecture