

Multimedia Arts

MMART 48UA-ZZ, .5-5 Units

Selected Topics in Multimedia Arts

*0-5 hours lecture, 0-15 hours laboratory (GR or P/NP).
Acceptable for credit: CSU*

See section on Selected Topics. 0614.00

MMART 49, .5-5 Units

Independent Study in Multimedia Arts

0-5 hours lecture (GR or P/NP). Acceptable for credit: CSU

See section on Independent Study. 0614.00

MMART 109, 3 Units

Writing for the Business of Multimedia

*3 hours lecture (GR or P/NP). Recommended preparation:
MMART 130I/130L. Acceptable for credit: CSU*

Development of written and electronic materials to pitch, propose and sell a multimedia project: Effective writing structure and style, portfolios, prospectus packets, grant writing, pitches, treatments, budgets, development of industry contacts. 0614.00

AA/AS area 4d

MMART 110, 3 Units

Scriptwriting and Storyboarding I

3 hours lecture (GR or P/NP). Acceptable for credit: CSU

Introduction to storytelling as an art: Pre-production planning for linear and interactive multimedia; development of treatments, scripts and storyboards; organization of drama through effective pacing and design. 0614.00

AA/AS area 4d

MMART 111A, 3 Units

Narrative Scriptwriting I

*3 hours lecture (GR or P/NP). Recommended preparation:
MMART 110. Acceptable for credit: CSU*

Theory and practice of narrative scriptwriting with a dual focus on episodic scripts: Narrative structures in film and television: industry-accepted formatting; story development; cinematic language. 0614.00

Course Announcements

MMART 111B, 3 Units **Narrative Scriptwriting II**

3 hours lecture (GR or P/INP). Prerequisites: MMART 111A. Acceptable for credit: CSU

Advanced workshop in revising and completing a professional-level narrative script: Critique and discussion of individual student scripts; revision and review, professional screenplay and film analysis; dissection of complex narrative elements such as voice, character, pacing; agent and producer pitch and strategy sessions.

0614.00

MMART 113, 3 Units **Social Media Reporting**

3 hours lecture (GR or P/INP). Recommended preparation: MMART 164. Acceptable for credit: CSU

Introduction to multimedia storytelling with a journalism emphasis: Video, photos, audio, animation, and text to convey interactive news and feature stories through the internet and other electronic media; digital research, critical thinking, synthesis, narrative -based multimedia projects; history of multimedia and philosophical considerations of art, design and narrative.

0614.00

AA/AS area 4d

MMART 114, 2 Units **Data Design for Digital Media**

2 hours lecture, 1.5 hours laboratory (GR or P/INP). Corequisite: MMART 114L. Acceptable for credit: CSU

Data graphics basics: Overview of statistics, choices for charting data, digital input techniques and display methods for illustrating complex information; survey design, user experience, and the use of color, typography and narrative in creating compelling data visualizations.

0614.00

MMART 114L, 1 Unit **Data Design for Digital Media Lab**

4 hours laboratory (GR or P/INP). Corequisite: MMART 114. Acceptable for credit: CSU.

Practical training for development of multimedia skills presented in MMART 114.

0614.10

MMART 116, 3 Units **Storytelling in Animation**

3 hours lecture (GR or P/INP). Recommended preparation: MMART 110. Acceptable for credit: CSU

Animated project design using storytelling elements, improvisation and brainstorming; Developing effective characters, story arcs, primary and secondary action, pacing, and layout.

0614.40

MMART 117, 2 Units **Introduction to Desktop Publishing**

1.5 hours lecture, 1.5 hours laboratory (GR or P/INP). Corequisite: MMART 117L. Not open for credit to students who have completed MMART 228C. Acceptable for credit: CSU.

Introduction to the use of page layout software: Basics of page layout, font selection and formatting, setting defaults, text and graphic placement, graphic scanning, and laser printing. This course utilizes industry standard software, such as InDesign.

0614.40

MMART 117L, 1 Unit **Introduction to Desktop Publishing Lab**

4 hours laboratory (GR or P/INP). Corequisite: MMART 117. Not open for credit to students who have completed MMART 228C. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 117.

0614.00

MMART 120, 3 Units **Media and Communications**

3 hours lecture (GR or P/INP). Acceptable for credit: UC/CSU

Critical appreciation of media as expressive and communicational systems: Brief survey of the history of media as a communication tool and transmitter of culture; analysis of image, language, voice, gesture, music, technology, and interactive multimedia; individual, social, and global effects of interactive digital media.

0614.00

AA/AS area 4d

Course Announcements

MMART 122B, 3 Units **From Movies to Multimedia**

3 hours lecture (GR or P/NP). Recommended preparation: MMART 101. Acceptable for credit: UC/CSU

Analysis of film, animation, video, and other time-based multimedia art forms: Elements of linear and interactive structures; history, aesthetics, and cultural significance of the various forms; impact of digital technologies on production and reception of motion pictures; practices of analysis, interpretation, and criticism. 0614.00

*AA/AS area 3; CSU area C1;
IGETC area 3A*

MMART 123, 3 Units **The Documentary Tradition**

3 hours lecture (GR or P/NP). Acceptable for credit: UC/CSU

History and analysis of documentary film: Critical and historical approaches to non-fiction film form and content; objectivity and point of view; aesthetics and ethics and the evolving impacts of documentary films on American politics and new technology on the genre. 0614.00

*AA/AS area 3; CSU area C1;
IGETC area 3A*

MMART 129, 2 Units **Contemporary Color**

1.5 hours lecture, 1.5 hours laboratory (GR or P/NP). Corequisite: MMART 129L. Recommended Preparation: MMART 130/130L. Acceptable for credit: CSU

Fundamental elements of color: Application of subtractive color principles through art exercises using traditional pigments; application of additive color principles through art exercises using computer imaging software. 0614.00

MMART 129L, 1 Unit **Contemporary Color Lab**

4 hours laboratory (GR or P/NP). Corequisite: MMART 129. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 129. 0614.00

MMART 130, 2 Units **Introduction to Digital Art**

1.5 hours lecture, 1.5 hours laboratory (GR or P/NP). Corequisite: MMART 130L. Recommended preparation: ART 46. Acceptable for credit: UC/CSU

Introduction to fundamental concepts, practices, and theories of digital art production: Integration of traditional design, color, and compositional principles with contemporary digital tools such as scanned resources, vector drawing, bitmap painting, and rendering from 3-D models. 0614.60

*AA/AS area 4c;
(MMART 130+130L C-D ARTS 250)*

MMART 130L, 1 Unit **Introduction to Digital Art Lab**

4 hours laboratory (GR or P/NP). Corequisite: MMART 130. Recommended preparation: ART 46. Acceptable for credit: UC/CSU

Practical training for development of multimedia skills presented in MMART 130. 0614.60

*AA/AS area 4c
(MMART 130+130L C-D ARTS 250)*

MMART 131A, 2 Units **Photoshop I**

1.5 hours lecture, 1.5 hours laboratory (GR or P/NP). Corequisite: MMART 131LA. Recommended preparation: ART 46. Acceptable for credit: CSU

Introduction to basic image editing and digital illustration using a bitmap imaging program: Survey of elementary design principles used to create effective visual communication with emphasis on practical computer-based compositions. 0614.50

AA/AS area 4c

MMART 131LA, 1 Unit **Photoshop I Lab**

4 hours laboratory (GR or P/NP). Corequisite: MMART 131A. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 131A. 0614.60

AA/AS area 4c

MMART 131B, 2 Units
Photoshop II

*1.5 hours lecture, 1.5 hours laboratory (GR or P/INP).
Corequisite: MMART 131LB. Recommended preparation:
MMART 131A/131LA. Acceptable for credit: CSU*

Advanced image editing and digital illustration using a bitmap imaging program: Survey of design principles used to create effective visual communication with emphasis on advanced computer-based compositions.

0614.60

AA/AS area 4c

MMART 131LB, 1 Unit
Photoshop II Lab

4 hours laboratory (GR or P/INP). Corequisite: MMART 131B. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 131B.

0614.60

AA/AS area 4c

MMART 132A, 2 Units
Illustrator I

*1.5 hours lecture, 1.5 hours laboratory (GR or P/INP).
Corequisite: MMART 132LA. Recommended preparation:
ART 46, and MMART 130/130L. Acceptable for credit: CSU*

Introduction to basic image editing and digital illustration using a vector-based drawing program: Survey of elementary design principles used to create effective visual communication with emphasis on practical computer-based compositions.

0614.50

AA/AS area 4c

MMART 132LA, 1 Unit
Illustrator I Lab

4 hours laboratory (GR or P/INP). Corequisite: MMART 132A. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 132A.

0614.60

AA/AS area 4c

MMART 132C, 2 Units
Painter II

*1.5 hours lecture, 1.5 hours laboratory (GR or P/INP).
Corequisite: MMART 132LC. Recommended Preparation:
MMART 132B/132LB. Acceptable for credit: CSU*

Introduction to basic drawing and painting principals using computer software that emulates traditional media: Oil, watercolor, chalk, charcoal, pen, and pencil.

0614.60
AA/AS area 4c

MMART 132LC, 1 Unit
Painter II Lab

4 hours laboratory (GR or P/INP). Corequisite: MMART 132C. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 132C.

0614.60

AA/AS area 4c

MMART 133A, 2 Units
Digital Photography I

*1.5 hours lecture, 1.5 hours laboratory (GR or P/INP).
Corequisite: MMART 133LA. Recommended preparation:
ART 46. Digital camera and materials fee required.
Acceptable for credit: CSU.*

Introduction to digital camera operation: Settings, composition, media considerations, image editing, proofing, and final print on digital printer.

0614.50

AA/AS area 4c

MMART 133LA, 1 Unit
Digital Photography I Lab

4 hours laboratory (GR or P/INP). Corequisite: MMART 133A. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 133A.

0614.60

AA/AS area 4c

Course Announcements

MMART 133B, 2 Units

Digital Photography II

1.5 hours lecture, 1.5 hours laboratory (GR or P/NP).
Prerequisite: MMART 133A/133LA. Corequisite: MMART 133LB. Acceptable for credit: CSU

Intermediate theory and practice of digital photography: Advanced composition, black and white conversions, channels, scanning, blending, stitching, macrophotography, digital printing, and framing.

0614.60

AA/AS area 4c

MMART 134A, 2 Units

Digital Printmaking I

1 hour lecture, 3 hours laboratory (GR or P/NP).
Corequisite: MMART 134LA. Recommended Preparation: MMART 131A/131LA. Materials fee required. Acceptable for credit: CSU.

Introduction to digital printmaking: History of multiples, marketing techniques, output issues, and exploration of the creative digital process. Materials fee required.

0614.60

AA/AS area 4c

MMART 133LB, 1 Unit

Digital Photography II Lab

4 hours laboratory (GR or P/NP). Corequisite: MMART 133B. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 133B.

0614.60

AA/AS area 4c

MMART 134LA, 1 Unit

Digital Printmaking I Lab

4 hours laboratory (GR or P/NP). Corequisite: MMART 134A. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 134A.

0614.60

AA/AS area 4c

MMART 133C, 2 Units

Digital Photography III

1.5 hours lecture, 1.5 hours laboratory (GR or P/NP).
Corequisite: MMART 133LC. Recommended Preparation: MMART 133B/133LB. Digital camera required. Acceptable for credit: CSU.

Advanced theory and practice of digital photography: Archival quality prints and online galleries; professional level portfolio development.

0614.60

AA/AS area 4c

MMART 134B, 2 Units

Digital Printmaking II

1 hour lecture, 3 hours laboratory (GR or P/NP). Corequisite: MMART 134LB. Recommended Preparation: MMART 134A/134LA. Materials fee required. Acceptable for credit: CSU.

Intermediate digital printmaking: Major projects such as bookmaking and printing on canvas; advanced presentation, marketing and promotional techniques; aesthetic development.

0614.60

AA/AS area 4c

MMART 133LC, 1 Unit

Digital Photography III Lab

4 hours laboratory (GR or P/NP). Corequisite: MMART 133C. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 133C.

0614.60

AA/AS area 4c

MMART 134LB, 1 Unit

Digital Printmaking II Lab

4 hours laboratory (GR or P/NP). Corequisite: MMART 134B. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 134B.

0614.60

AA/AS area 4c

Course Announcements

MMART 135A, 2 Units Advanced Practices for Digital Printmaking I

1 hour lecture, 3 hours laboratory (GR or P/NP). Corequisite: MMART 135LA. Recommended Preparation: ART 46 or MMART 134B/134LB. Acceptable for credit: CSU

Project-based study of digital printmaking; Enhancing basic technological and visual skills; history and theory of printmaking; hands-on projects using advanced digital technologies; class critiques of projects; portfolio development; operation of digital printing technologies.

0614.50

AA/AS area 4c

MMART 135LA, 1 Unit Advanced Practices for Digital Printmaking I Lab

4 hours laboratory (GR or P/NP). Corequisite: MMART 135A. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 135A.

0614.60

AA/AS area 4c

MMART 135B, 2 Units Advanced Practices for Digital Printmaking II

1 hour lecture, 3 hours laboratory (GR or P/NP). Corequisite: MMART 135LB. Recommended Preparation: MMART 135A/135LA. Acceptable for credit: CSU

Project-based study of digital printmaking; Advancing input and acquisition skills to realize artistic vision; history and theory of printmaking; hands-on projects using advanced digital technologies; class critiques of projects; portfolio development; operation of digital printing technologies.

0614.60

AA/AS area 4c

MMART 135LB, 1 Unit Advanced Practices for Digital Printmaking II Lab

4 hours laboratory (GR or P/NP). Corequisite: MMART 135B. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 135B.

0614.60

AA/AS area 4c

MMART 135C, 2 Units Advanced Practices for Digital Printmaking III

1 hour lecture, 3 hours laboratory (GR or P/NP). Corequisite: MMART 135LC. Recommended Preparation: MMART 135B/135LB. Acceptable for credit: CSU

Project-based study of digital printmaking; Output and presentation techniques for conceptual realization; history and theory of printmaking; hands-on projects using advanced digital technologies; class critiques of projects; portfolio development; operation of digital printing technologies.

0614.60

AA/AS area 4c

MMART 135LC, 1 Unit Advanced Practices for Digital Printmaking III Lab

4 hours laboratory (GR or P/NP). Corequisite: MMART 135C. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 135C.

0614.60

AA/AS area 4c

MMART 135D, 2 Units Advanced Practices for Digital Printmaking IV

1 hour lecture, 3 hours laboratory (GR or P/NP). Corequisite: MMART 135LD. Recommended Preparation: MMART 135C/135LC. Acceptable for credit: CSU

Project-based study of digital printmaking; Preparation for participation in the cultural dialectic of digital print media; history and theory of printmaking; hands-on projects using advanced digital technologies; class critiques of projects; portfolio development; operation of digital printing technologies.

0614.60

AA/AS area 4c

Course Announcements

MMART 135LD, 1 Unit **Advanced Practices for** **Digital Printmaking IV Lab**

4 hours laboratory (GR or P/INP). Corequisite: MMART 135D. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 135D. 0614.60

AA/AS area 4c

MMART 136, 2 Units **Digital Printing for Photographers**

1.5 hours lecture, 1.5 hours laboratory (GR or P/INP). Corequisite: MMART 136L. Acceptable for credit: CSU

Introduction to digital printing for photographers: Prepress considerations and techniques, operation and care of digital printing technologies, history of printmaking, client management, hands-on projects. 0614.60

AA/AS area 4c

MMART 136L, 1 Unit **Digital Printing for Photographers Lab**

4 hours laboratory (GR or P/INP). Corequisite: MMART 136. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 136. 0614.60

AA/AS area 4c

MMART 137A, 2 Units **Applications of Large Scale Print I**

1 hour lecture, 3 hours laboratory (GR or P/INP). Corequisite: MMART 137LA. Recommended Preparation MMART 134A/134LA. Acceptable for credit: CSU

Project-based study of large scale digital printmaking/projection files: Enhancing basic technological and visual skills; history and theory of printmaking; hands-on projects using advanced digital technologies; class critiques of projects; portfolio / files, development; operation of digital printing and projection technologies. Demonstrate enhanced technological and visual skills using major bitmap imaging (Photoshop) software.

0614.60

AA/AS area 4c

MMART 137LA, 1 Unit **Applications of Large Scale Print I Lab**

4 hours laboratory (GR or P/INP). Corequisite: MMART 137A. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 137A. 0614.60

AA/AS area 4c

MMART 137B, 2 Units **Applications of Large Scale Print II**

1 hour lecture, 3 hours laboratory (GR or P/INP). Prerequisite: MMART 137A/137LA. Corequisite: MMART 137LB. Acceptable for credit: CSU

Project-based study of Advanced Practices for Large Scale Print/Projection/Installation: Enhancing basic technological and visual skills. Advancing input and acquisition skills to realize artistic vision. 0614.60

AA/AS area 4c

MMART 137LB, 1 Unit **Applications of Large Scale Print II Lab**

4 hours laboratory (GR or P/INP). Prerequisite: MMART 137A/137LA. Corequisite: MMART 137B. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 137B. 0614.60

AA/AS area 4c

MMART 137C, 2 Units **Applications of Large Scale Print III**

1 hour lecture, 3 hours laboratory (GR or P/INP). Prerequisite: MMART 137B/137LB. Corequisite: MMART 137LC. Acceptable for credit: CSU

Project-based study of Large Scale Print/Projection: Output and presentation techniques for conceptual realization. 0614.60

AA/AS area 4c

Course Announcements

MMART 137LC, 1 Unit

Applications of Large Scale Print III Lab

4 hours laboratory (GR or P/NP). Prerequisite: MMART 137B/137LB. Corequisite: MMART 137C. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 137C. 0614.60

AA/AS area 4c

MMART 137D, 2 Units

Applications of Large Scale Print IV

1 hour lecture, 3 hours laboratory (GR or P/NP). Prerequisite: MMART 137C/137LC, Corequisite: MMART 137LD. Acceptable for credit: CSU

Project-based study of digital printmaking: Preparation for participation in the cultural dialectic of digital print media. History and theory of printmaking; hands-on projects using advanced digital technologies; class critiques of projects; portfolio development; operation of digital printing technologies. 0614.60

AA/AS area 4c

MMART 137LD, 1 Unit

Applications of Large Scale Print IV Lab

4 hours laboratory (GR or P/NP). Prerequisite: MMART 137C/MMART 137LC, Corequisite: MMART 137D. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 137D. 0614.60

AA/AS area 4c

MMART 138, 1.5 Units

Location Sound Recording

1.5 hours lecture (GR or P/NP). Acceptable for credit: CSU

Location sound recording for video production and the multimedia arts: Audio theory and principles; critical listening; analysis of studio and location audio environments; microphone types, selection, placement and use; use of audio mixers and digital recorders; crew organization, function and responsibilities. 0612.20

AA/AS area 4c

MMART 141A, 3 Units

Video Production I

2 hours lecture, 4 hours laboratory (GR or P/NP). Recommended Preparation: MMART 110. Not open for credit to students who have completed or are currently enrolled in MMART 151A. Acceptable for credit: UC/CSU

Theory and practice of shooting video in studio and field environments: Recording formats and mechanics, basic cinematography styles and techniques, lighting, sound-recording; planning shoots with scripts, directorial guidance, and postproduction specifications. 0614.10

*AA/AS area 4c;
(C-ID FTVE 130)*

MMART 141B, 3 Units

Video Production II: Directing & Producing

2 hours lecture, 4 hours laboratory (GR or P/NP). Recommended Preparation: MMART 141A. Not open for credit to students who have completed or are currently enrolled in MMART 151B. Acceptable for credit: CSU

Directing and producing a video project from script to screen: Script analysis from pragmatic and aesthetic perspectives, direction of actors, cinematography, lighting, creation of budgets and standard production materials. 0614.10

AA/AS area 4c

MMART 141C, 3 Units

Digital Video Production III

2 hours lecture, 4 hours laboratory (GR or P/NP). Recommended Preparation: MMART 141A, 141B, and 142. Not open for credit to students who have completed or are currently enrolled in MMART 151C. Acceptable for credit: CSU

Video production emphasizing the development of advanced skills in one area of the students' choice: Direction, preproduction planning, cinematography, sound design, lighting or art direction. 0614.10

AA/AS area 4c

Course Announcements

MMART 142, 3 Units

Visual Storytelling & Cinematography

2 hours lecture, 4 hours laboratory (GR or P/NP).

Recommended Preparation: MMART 141A. Acceptable for credit: CSU

Visual Storytelling in Cinematography, Lighting and Art Direction: Visual aspects of filmmaking, including preproduction, storyboards, blocking, lighting, locations and props; technical skills, including camera functions and movement, safe use of lighting gear, on-set protocol, industry terminology, duties; responsibilities of the camera, lighting and art teams.

0614.10

AA/AS area 4c

MMART 148A, 2 Units

Sound Recording and Editing

2 hours lecture, 1 hour laboratory (GR or P/NP). Corequisite: MMART 148LA. Acceptable for credit: UC/CSU

Introduction to the theory and practice of recording and editing Audio: Fundamentals of sound design and aesthetics, microphone use, and digital recording equipment; hands on experience recording, editing, mixing and mastering audio.

0614.10

AA/AS area 4c

MMART 148LA, 1 Unit

Sound Design I Lab

4 hours laboratory (GR or P/NP). Corequisite: MMART 148A. Acceptable for credit: UC/CSU

Practical training for development of multimedia skills presented in MMART 148A.

0614.10

AA/AS area 4c

MMART 148B, 2 Units

Sound for Film & Animation

2 hours lecture, 1 hour laboratory (GR or P/NP). Prerequisite: MMART 148A/148LA. Corequisite: MMART 148LB. Acceptable for credit: CSU

Recording and editing sound for moving images: Use of microphones, booms, mixers and digital recorders; postproduction sound, including cutting dialog, spotting,

sound-sweetening, building presence and mixing audio levels to accompany image; sound design, including creatively and emotionally enhancing the moving image.

0614.10

AA/AS area 4c

MMART 148LB, 1 Unit

Sound for Film & Animation Lab

4 hours laboratory (GR or P/NP). Corequisite: MMART 148B. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 148B.

0614.10

AA/AS area 4c

MMART 149, 2 Units

The Music Video

1.5 hours lecture, 1.5 hours laboratory (GR or P/NP). Corequisite: MMART 149L. Recommended Preparation: MMART 148A/148LA, 150A/150LA, 152A/152LA. Acceptable for credit: CSU

Theory and practice of postproduction for music videos: Advanced projects editing a music video, applying effective sound and visual design, synch and non-synch sound, musical structure and visual narrative, illustrative and expressive edit techniques, project management, industry standards, and career options.

0614.10

AA/AS area 4c

MMART 149L, 1 Unit

The Music Video Lab

4 hours laboratory (GR or P/NP). Corequisite: MMART 149. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 149.

0614.10

AA/AS area 4c

Course Announcements

MMART 150A, 2 Units Video Editing I

*1.5 hours lecture, 1.5 hours laboratory (GR or P/NP).
Corequisite: MMART 150LA. Recommended preparation:
CIS 1 or 200. Acceptable for credit: CSU*

Theory and practice of digital video editing: Film aesthetics and time-based media design; video and audio acquisition, editorial, effects, and output; basic project and media management; industry standards, career opportunities, and copyright law. 0614.10

AA/AS area 4c

MMART 150LA, 1 Unit Video Editing I Lab

4 hours laboratory (GR or P/NP). Corequisite: MMART 150A. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 150A. 0614.10

AA/AS area 4c

MMART 150B, 2 Units Video Editing II

*1.5 hours lecture, 1.5 hours laboratory (GR or P/NP).
Corequisite: MMART 150LB. Recommended Preparation:
MMART 150A/150LA. Acceptable for credit: CSU*

Continuing theory and practice of digital video editing: Intermediate film aesthetics and time-based media design; basic compositing and rotoscoping; luma and color correction; advanced project and media management; industry standards, copyright law, and ethics. 0614.10

MMART 150LB, 1 Unit Video Editing II Lab

4 hours laboratory (GR or P/NP). Corequisite: MMART 150B. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 150B. 0614.10

AA/AS area 4c

MMART 150C, 2 Units Video Editing III

*1.5 hours lecture, 1.5 hours laboratory (GR or P/NP).
Corequisite: MMART 150LC. Recommended Preparation:
MMART 150B/150LB. Acceptable for credit: CSU*

Theory and practice of motion picture editing style: Development of distinctive editing technique and style through lectures, demonstrations, group critiques, practical exercises, and final projects focused on strong composition, editorial “voice,” and innovation. 0614.10

AA/AS area 4c

MMART 150LC, 1 Unit Video Editing III Lab

4 hours laboratory (GR or P/NP). Corequisite: MMART 150C. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 150C. 0614.10

AA/AS area 4c

MMART 150D, 2 Units Video Editing IV

*1.5 hours lecture, 1.5 hours laboratory (GR or P/NP).
Corequisite: MMART 150LD. Recommended Preparation:
MMART 148A/148LA, 150C/150LC and 151A/151LA.
Acceptable for credit: CSU*

Finishing techniques and distribution planning for a broadcast-ready video program: Refinement of editorial structure, pacing, visual style, sound design; advanced finishing techniques; developing a distribution plan and submission packet; broadcast and related output considerations; legal and permissions issues and ethics. 0614.10

AA/AS area 4c

MMART 150LD, 1 Unit Video Editing IV Lab

4 hours laboratory (GR or P/NP). Corequisite: MMART 150D. Acceptable for credit: CSU

Practical training for development of multimedia skills presented MMART 150D. 0614.10

AA/AS area 4c

MMART 151A, 2 Units Digital Video Production I

*1.5 hours lecture, 1.5 hours laboratory (GR or P/NP).
Corequisite: MMART 151LA. Recommended preparation:
MMART 110. Acceptable for credit: UC/CSU*

Course Announcements

Theory and practice of shooting video in studio and field environments: Recording formats and mechanics, basic cinematography styles and techniques, lighting, sound recording, make-up; planning shoots with scripts, directorial guidance, and postproduction specifications.

0614.10

AA/AS area 4c

MMART 151LA, 1 Unit

Digital Video Production I Lab

4 hours laboratory (GR or P/NP). Corequisite: MMART 151A. Acceptable for credit: UC/CSU

Practical training for development of production skills presented in MMART 151A.

0614.10

AA/AS area 4c

MMART 151B, 2 Units

Digital Video Production II

1.5 hours lecture, 1.5 hours laboratory (GR or P/NP). Corequisite: MMART 151LB. Recommended Preparation: MMART 151A/151LA. Acceptable for credit: CSU

Design for video production: Script analysis from pragmatic and aesthetic perspectives; advanced cinematography, studio and field lighting theory and techniques, audio composition and foley technique, appropriate microphone selection and use, art direction, and location selection.

0614.10

AA/AS area 4c

MMART 151LB, 1 Unit

Digital Video Production II Lab

4 hours laboratory (GR or P/NP). Corequisite: MMART 151B. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 151B.

0614.10

AA/AS area 4c

MMART 152A, 2 Units

Motion Graphics/After Effects I

1.5 hours lecture, 1.5 hours laboratory (GR or P/NP). Corequisite: MMART 152LA. Recommended preparation: MMART 130/130L, 150A/150LA and 200. Acceptable for credit: CSU

Introduction to motion graphics and 2D animation for the current industry standards: Importing source files including photographs, illustrations, video clips and 3D animation; compositing source imagery, keyframing, animating, and effects; compression and outputting for video and web; critical discussion and assessment of work on technical, aesthetic, conceptual, and philosophical level.

0614.10

AA/AS area 4c

MMART 152LA, 1 Unit

Motion Graphics/After Effects I Lab

4 hours laboratory (GR or P/NP). Corequisite: MMART 152A. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 152A.

0614.10

AA/AS area 4c

MMART 152B, 2 Units

Motion Graphics/After Effects II

1.5 hours lecture, 1.5 hours laboratory (GR or P/NP). Corequisite: MMART 152LB. Recommended Preparation: MMART 152A/152LA. Acceptable for credit: CSU

Intermediate motion graphics and 2D animation for the current industry standards: Compositing source imagery, keyframing, animating, and effects; compression and outputting for video and web; critical discussion and assessment of work on technical, aesthetic, conceptual, and philosophical level.

0614.10

AA/AS area 4c

MMART 152LB, 1 Unit

Motion Graphics/After Effects II Lab

4 hours laboratory (GR or P/NP). Corequisite: MMART 152B. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 152B.

0614.10

AA/AS area 4c

Course Announcements

MMART 153, 1.5 Units

Digital Cinematography Basics

1.5 hours lecture (GR or P/INP). Recommended preparation: MMART 151A/151LA or 154. Acceptable for credit: CSU

Digital camera use: Manual functions and settings, camera movement, pre-production preparation, on-set protocol, motion picture aesthetics, industry and on-set terminology, duties and responsibilities of the camera team.

0612.20

AA/AS area 4c

MMART 154, 1.5 Units

Video Production Fundamentals

1.5 hours lecture (GR or P/INP). Acceptable for credit: CSU

Introduction to project planning and video production basics: Pre-production, local resources, on-set etiquette, camera operation, lighting, sound recording, preparation for post-production.

0612.20

AA/AS area 4c

MMART 155A, 2 Units

Special Projects in Digital Photography A

1.5 hours lecture, 1.5 hours laboratory (GR or P/INP). Prerequisite: MMART 133A/133LA. Corequisite: MMART 155LA. Recommended Preparation: MMART 131A/131LA and 136/136L. Acceptable for credit: CSU

Project-based study of digital photography: Low light and night photography; portraiture; use of flash on camera + reflectors; natural light; development of photographs in Adobe Lightroom 2; history of photography; critiques.

0614.60

AA/AS area 4c

MMART 155LA, 1 Unit

Special Projects in Digital Photography A Lab

4 hours laboratory (GR or P/INP). Corequisite: MMART 155A. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 155A.

0614.60

AA/AS area 4c

MMART 155B, 2 Units

Special Projects in Digital Photography B

1.5 hours lecture, 1.5 hours laboratory (GR or P/INP). Prerequisite: MMART 133A/133LA. Corequisite: MMART 155LB. Recommended Preparation: MMART 131A/131LA and 136/136L. Acceptable for credit: CSU

Project-based study of digital photography: use of off-camera flash; advanced use of Adobe Lightroom 2; printing; landscape/cityscape; documentary photography; history and theory of photography; critiques.

0614.60

AA/AS area 4c

MMART 155LB, 1 Unit

Special Projects in Digital Photography B Lab

4 hours laboratory (GR or P/INP). Corequisite: MMART 155B. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 155B.

0614.60

AA/AS area 4c

MMART 155C, 2 Units

Special Projects in Digital Photography C

1.5 hours lecture, 1.5 hours laboratory (GR or P/INP). Prerequisite: MMART 133A/133LA. Corequisite: MMART 155LC. Recommended Preparation: MMART 131A/131LA and 136/136L. Acceptable for credit: CSU

Project-based study of digital photography: location shooting with supplemental light; making composite images in Adobe Photoshop; printing; the constructed image; still life; history and theory of photography; critique.

0614.60

AA/AS area 4c

MMART 155LC, 1 Unit

Special Projects in Digital Photography C Lab

4 hours laboratory (GR or P/INP). Corequisite: MMART 155C. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 155C.

0614.60

AA/AS area 4c

Course Announcements

MMART 155D, 2 Units

Special Projects in Digital Photography D

1.5 hours lecture, 1.5 hours laboratory (GR or P/INP).

Prerequisite: MMART 133A/133LA. Corequisite: MMART 155LD. Recommended Preparation: MMART 131A/131LA and 136/136L. Acceptable for credit: CSU

Project-based study of digital photography: production of an extended series of related images; portfolio development; printing; presentation strategies; critiques.

0614.60

AA/AS area 4c

MMART 155LD, 1 Unit

Special Projects in Digital Photography D Lab

4 hours laboratory (GR or P/INP). Corequisite: MMART 155D. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 155D.

0614.60

AA/AS area 4c

MMART 156, 3 Units

Documentary Production Intensive

3 hours lecture (GR or P/INP). Prerequisite: MMART 154, 150A/150LA, or 151A/151LA. Acceptable for credit: CSU

Theory and practice of documentary video production: Creating non-fiction treatment and script, filming interview subjects and supporting visuals, editing a short non-fiction video program.

0612.20

AA/AS area 4c

MMART 157, 1.5 Units

Beginning Motion Picture Lighting

1.5 hours lecture (GR or P/INP). Acceptable for credit: CSU

Lighting basics for motion picture: Lighting theory, electricity and safety, use of lighting equipment, accessories and tools, on-set protocol, motion picture aesthetics, industry and on-set terminology, duties and responsibilities of the lighting team.

0612.20

AA/AS area 4c

MMART 162, 2 Units

Contemporary Scripting for Games, Mobile and Web

2 hours lecture, 1.5 hours laboratory (GR or P/INP).

Corequisite: MMART 162L. Recommended Preparation: MMART 168. Acceptable for credit: CSU

Introduction to scripting and programming for visual artists: Fundamental scripting techniques for web, mobile, video games, virtual reality, and other visual media; designing, implementing, and testing foundational application programs.

0614.30

AA/AS area 4c

MMART 162L, 1 Unit

Contemporary Scripting for Games, Mobile and Web Lab

4 hours laboratory (GR or P/INP). Corequisite: MMART 162. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 162.

0614.30

AA/AS area 4c

MMART 164, 2 Units

Introduction to Web Design

1.5 hours lecture, 1.5 hours laboratory (GR or P/INP).

Corequisite: MMART 164L. Acceptable for credit: UC/CSU

Foundations of Web Development: Building a business, expressing your online voice and identity, and designing portfolios using HTML, CSS, and Content Management Systems (such as WordPress).

0614.30

AA/AS area 4c

MMART 164L, 1 Unit

Introduction to Web Design Lab

4 hours laboratory (GR or P/INP). Corequisite: MMART 164. Acceptable for credit: UC/CSU

Practical training for development of multimedia skills presented in MMART 164.

0614.30

AA/AS area 4c

Course Announcements

MMART 165, 2 Units

Fundamentals of Graphic Visualization

1.5 hours lecture, 1.5 hours laboratory (GR or P/NP).

Corequisite: MMART 165L. Acceptable for credit: CSU

Analysis and development of graphic visualization: Basic principles, attributes, and elements of design, including the relationships among production methods, materials, and data sets.

0614.30

AA/AS area 4c

MMART 165L, 1 Unit

Fundamentals of Graphic Visualization Lab

4 hours laboratory (GR or P/NP). Corequisite: MMART 165. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 165.

0614.30

AA/AS area 4c

MMART 166, 2 Units

User Experience and Interface Design

1.5 hours lecture, 1.5 hours laboratory (GR or P/NP).

Corequisite: MMART 166L. Recommended Preparation: MMART 164. Acceptable for credit: CSU

Introduction to information architecture and interface design: Graphic and information design principles used to organize, navigate, and develop successful interfaces for new media projects.

0614.30

AA/AS area 4c

MMART 166L, 1 Unit

User Experience and Interface Design Lab

4 hours laboratory (GR or P/NP). Corequisite: MMART 166. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 166.

0614.30

AA/AS area 4c

MMART 167, 2 Units

Mobile and Cross-Platform Web Design

1.5 hours lecture, 1.5 hours laboratory (GR or P/NP).

Corequisite: MMART 167L. Recommended Preparation: MMART 164. Acceptable for credit: CSU

Cross-Platform design techniques for Mobile and Web Design: Mobile development, tablet development, web development, responsive design, and dynamic graphical elements.

0614.30

AA/AS area 4c

MMART 167L, 1 Unit

Mobile and Cross-Platform Web Design Lab

4 hours laboratory (GR or P/NP). Corequisite: MMART 167. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 167.

0614.30

AA/AS area 4c

MMART 168, 2 Units

Online Games & Interactivity

1.5 hours lecture, 1.5 hours laboratory (GR or P/NP). Corequisite: MMART 168L. Recommended Preparation: MMART 164. Acceptable for credit: CSU

Principles of interactive design and virtual environments: User experience, game design, dynamic graphics, and integration of interactive content for online environments.

0614.30

AA/AS area 4c

MMART 168L, 1 Unit

Online Games & Interactivity Lab

4 hours laboratory (GR or P/NP) Corequisite: MMART 168. Recommended Preparation: MMART 164. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 168.

0614.30

AA/AS area 4c

MMART 169, 2 Units

Social & Emergent Media

1.5 hours lecture, 1.5 hours laboratory (GR or P/NP). Corequisite: MMART 169L. Recommended Preparation: MMART 164. Acceptable for credit: CSU

Dynamics of online content delivery to motivate consumer interest: Social Media Networks, content creation tools, advertising, marketing, brand strategies, consumer interactions, and monitoring of media analytics.

0614.30

AA/AS area 4c

Course Announcements

MMART 169L, 1 Unit

Social & Emergent Media Lab

4 hours laboratory (GR or P/INP). Corequisite: MMART 169. Recommended Preparation: MMART 164. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 169. 0614.30

AA/AS area 4c

MMART 170, 2 Units

Virtual Reality and Digital Spaces

1.5 hours lecture, 1.5 hours laboratory (GR or P/INP). Corequisite: MMART 170L. Recommended Preparation: MMART 164 and 165. Acceptable for credit: CSU

Interactive and game based architectures: virtual reality environments, visible and invisible data, interactive design environments, and visual mapping. 0614.30

AA/AS area 4c

MMART 170L, 1 Unit

Virtual Reality and Digital Spaces Lab

4 hours laboratory (GR or P/INP). Corequisite: MMART 170. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 170. 0614.30

AA/AS area 4c

MMART 171, 2 Unit

Web Commerce & Internet Start Up

1.5 hours lecture, 1.5 hours laboratory (GR or P/INP). Corequisite: MMART 171L. Recommended Preparation: MMART 164. Not open for credit to students who have completed MMART160C. Acceptable for credit: CSU

Introduction to the principles of E-commerce: Building an online business, analysis and application of media content, operating shopping carts, and execution of online strategy. 0614.30

AA/AS area 4c

MMART 171L, 1 Unit

Web Commerce & Internet Start Up Lab

4 hours laboratory (GR or P/INP). Corequisite: MMART 171. Recommended Preparation: MMART 164. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 171. 0614.30

AA/AS area 4c

MMART 175B, 3 Units

Game Design

3 hours lecture, (GR or P/INP). Recommended Preparation: MMART 110 or 175A/175LA. Acceptable for credit: UC/CSU

Introduction to game theory and interactive computer game design: Analysis and application of the concepts of pattern recognition, spatial reasoning, branching storytelling, interactive parameters, interface design through the use of flow charts, storyboards, story scripts and programming languages. 0614.40

AA/AS area 4c

MMART 177, 2 Units

Introduction to Animation Principles

1.5 hours lecture, 1.5 hours laboratory (GR or P/INP). Corequisite: MMART 177L. Recommended Preparation: MMART 110 and 116. Acceptable for credit: CSU

Introduction to the principles of animation: Creating characters; drawing key poses and in-betweens; designing movement paths, pose manipulation and cycles; timing movement based on sound tracks; utilizing storyboards and dynamic composition to create animated scenes; testing motion studies and scene storytelling with software. 0614.40

AA/AS area 4c

Course Announcements

MMART 177L, 1 Unit

Introduction to Animation Principles Lab

4 hours laboratory (GR or P/NP). Corequisite: MMART 177. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 177. 0614.40

AA/AS area 4c

MMART 178, 2 Units

Drawing for Animation

1.5 hours lecture, 1.5 hours laboratory (GR or P/NP). Corequisite: MMART 178L. Acceptable for credit: CSU

Freehand drawing techniques in traditional animation: Gesture drawing, designing key poses, drawing figures in motion, capturing motion in fast sketches, analysis and development of motion paths. 0614.40

AA/AS area 4c

MMART 178L, 1 Unit

Drawing for Animation Lab

4 hours laboratory (GR or P/NP). Corequisite: MMART 178. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 178. 0614.40

AA/AS area 4c

MMART 179, 3 Units

Animation Layout and Visual Development

3 hours lecture (GR or P/NP). Recommended Preparation: MMART 177/177L. Acceptable for credit: CSU

Dynamic composition and visual development for animation: Use of character actions, camera angles and perspective to stage effective layouts; application of storytelling elements, research, color theory and basic design principles. 0614.40

AA/AS area 4c

MMART 180, 2 Units

Animation Special Effects

1.5 hours lecture, 1.5 hours laboratory (GR or P/NP). Corequisite: MMART 180L. Recommended Preparation: MMART 177/177L. Acceptable for credit: CSU

Introduction to the history and production of 2D/3D visual effects animation: Live action and animated video; researching and planning special effects based on natural phenomena; animation of 2D/3D objects and effects to be composited into existing video with appropriate sounds.

0614.40

AA/AS area 4c

MMART 180L, 1 Unit

Animation Special Effects Lab

4 hours laboratory (GR). Corequisite: MMART 180. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 180. 0614.40

AA/AS area 4c

MMART 181, 2 Units

Experimental Animation

1.5 hours lecture, 1.5 hours laboratory (GR or P/NP). Corequisite: MMART 181L. Recommended Preparation: MMART 177/177L. Acceptable for credit: CSU

Exploration of alternative forms of traditional animation: Analysis and application of the techniques of claymation; stop-motion, paper cut-outs, puppets, color sand, mixed media, and set construction and sculpture; digital video manipulation. 0614.40

AA/AS area 4c

MMART 181L, 1 Unit

Experimental Animation Lab

4 hours laboratory (GR or P/NP). Corequisite: MMART 181. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 181. 0614.40

AA/AS area 4c

MMART 182, 3 Units

Scripting and Programming for Computer Graphics

2 hours lecture, 3 hours laboratory (GR or P/NP). Recommended Preparation: MMART 130/130L. Acceptable for credit: CSU

Course Announcements

Introduction to scripting and programming for visual artists: Fundamental scripting techniques for integrated graphical development environments, including computer modeling, animation, video game and other visual media.

0614.20

AA/AS area 4C

MMART 185A, 2 Units

3-D Illustration/Cinema 4D I

1.5 hours lecture, 1.5 hours laboratory (GR or P/NP).

Corequisite: MMART 185LA. Recommended preparation: Art 46. Acceptable for credit: CSU

Introduction to the theory and practice of 3D modeling/animation: Hands-on projects using modeling/animation applications combined with lectures on lighting, digital cinematography, character development, and other relevant topics.

0614.40

AA/AS area 4c

MMART 185LA, 1 Unit

3-D Illustration/Cinema 4D I Lab

4 hours laboratory (GR or P/NP). Corequisite: MMART 185A. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 185A.

0614.40

AA/AS area 4c

MMART 185B, 2 Units

3-D Illustration/Cinema 4D II

1.5 hours lecture, 1.5 hours laboratory (GR or P/NP).

Corequisite: MMART 185LB. Recommended Preparation: MMART 185A/185LA. Acceptable for credit: CSU

Intermediate 3D modeling, texture mapping, lighting and animation, theory, and practice: Hands-on projects using modeling/animation applications, photo-realistic modeling, character animation; practice with small team projects.

0614.40

AA/AS area 4c

MMART 185LB, 1 Unit

3D Illustration/Cinema 4D II Lab

4 hours laboratory (GR or P/NP). Corequisite: MMART 185B. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 185B.

0614.40

AA/AS area 4c

MMART 186, 2 Units

Introduction to 2D Digital Animation

1.5 hours lecture, 1.5 hours laboratory (GR or P/NP).

Corequisite: MMART 186L. Recommended Preparation: MMART 177/177L. Acceptable for credit: CSU

2D animation using a vector-based imaging and animation program : Survey of traditional animation techniques; importing graphics; creating and manipulating symbols; using keyframes; designing motion paths; using Motion Tweens and Shape Tweens to animate symbols; and publishing the animations to various formats.

0614.40

AA/AS area 4c

MMART 186L, 1 Unit

Introduction to 2D Digital Animation Lab

4 hours laboratory (GR or P/NP). Corequisite: MMART 186. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 186.

0614.40

AA/AS area 4c

MMART 187, 2 Units

Animation Practice I

1.5 hours lecture, 1.5 hours laboratory (GR or P/NP).

Corequisite: MMART 187L. Recommended Preparation: MMART 177/177L. Acceptable for credit: CSU

Project-based study of animation: Developing movement based on the principles of animation; designing characters; timing based on lip-synching; rotoscoping; coordinating sound to animated shorts and exploring the themes of American animation history.

0614.40

AA/AS area 4c

Course Announcements

MMART 187L, 1 Unit

Animation Practice I Lab

4 hours laboratory (GR or P/NP). Corequisite: MMART 187. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 187. 0614.40

AA/AS area 4c

MMART 188, 3 Units

Introduction to 3D Animation I

2 hours lecture, 4 hours laboratory (GR or P/NP). Acceptable for credit: CSU

Introduction to the theory, history and production techniques of 3D Animation: Pre-production through post-production and deliverables; considerations for game and other industries. 0614.40

AA/AS area 4c

MMART 189, 3 Units

Introduction to 3D Character Animation

2 hours lecture, 4 hours laboratory (GR or P/NP). Recommended Preparation: MMART 188. Acceptable for credit: CSU

Study and practice of creating the illusion of life through techniques of 3D Animation: Application of theory to practical scene work with emphasis on movement and acting in animated characters. 0614.10

AA/AS area 4c

MMART 191, 3 Units

3D Modeling for Animation & Game Design

2 hours lecture, 4 hours laboratory (GR or P/NP). Recommended Preparation: MMART 177/177L or 188. Acceptable for credit: CSU

3D Modeling: Principles and practices of modeling in polygons, NURBS, and subdivision surfaces; applications of textures, materials, and lighting to models; rendering with appropriate materials, lighting and cameras. 0614.10

AA/AS area 4c

MMART 192, 3 Units

3D Rigging for Animation and Game Design

3 hours laboratory (GR or P/NP). Recommended Preparation: MMART 188. Acceptable for credit: CSU

Theories and techniques of 3D computer animation: Development of rigs for characters and mechanical; character animation; rigging; simulation; motion capture; rendering; exporting of rigged characters and objects to a game platform. 0614.40

AA/AS area 4c

MMART 193, 3 Units

Game Design Level Development

3 hours lecture (GR or P/NP). Recommended Preparation: MMART 175B. Acceptable for credit: CSU

Comprehensive game design: Detailed storyline, level design, artistic approach, implementation technologies, and art-asset pipeline; creation of a playable level demonstrating the core design and the approved scoped features for the game; game programming and software project management. 0614.10

AA/AS area 4c

MMART 194, 3 Units

2D/3D Animation Production

2 hours lecture, 3 hours laboratory (GR or P/NP). Recommended Preparation: MMART 187 and 191. Acceptable for credit: CSU

Creating a short animated piece from design through production: Team dynamics, acting, visual storytelling, working with clients, and completing a short animated film in 2D/2.5D or 3D depending on story. 0614.40

AA/AS area 4c

MMART 195A, 3 Units

Special Project:

Digital Arts Festival Organization

3 hours lecture (GR or P/NP). Corequisite: MMART 195LA. Recommended preparation: ART 98/ENGL 21/HUMAN 21, and MMART 122B and 150A/150LA and 200. Acceptable for credit: CSU

Course Announcements

Collaborative project-based study of media arts festival development and organization, culminating in the planning, jurying, and preparatory organization of a digital arts festival: Contemporary media art and festival trends; professional jurying criteria, standards, and protocols; venue selection; project management, copyright issues, financing and publicity. 0614.00

AA/AS area 4c

MMART 195LA, 1 Unit

Special Project:

Digital Arts Festival Organization Lab

4 hours laboratory (GR or P/NP). Corequisite: MMART 195A. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 195A. 0614.00

AA/AS area 4c

MMART 196A, 2 Units

Art Marketing and Portfolio Management

1.5 hours lecture, 1.5 hours laboratory (GR or P/NP). Corequisite: MMART 196LA. Acceptable for credit: CSU

Principles of marketing digital artwork: Business models and marketing structures, professional collaboration, systems approach to marketing digital artwork, portfolio development, networking opportunities, and career management for the professional digital artist. 0614.00

AA/AS area 4c

MMART 196LA, 1 Unit

Art Marketing and Portfolio Management Lab

4 hours laboratory (GR or P/NP). Corequisite: MMART 196A. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 196A. 0614.00

AA/AS area 4c

MMART 197, 2 Units

Multimedia Portfolio/

Sample Reel Development

1.5 hours lecture, 1.5 hours laboratory (GR or P/NP). Corequisite: MMART 197L. Recommended Preparation:

MMART 130/130L, 150A/150LA, or 164A/164LA. Acceptable for credit: CSU

Development of professional-level portfolio or demo reel for the web in the context of job-search preparation: Portfolio design and production, resume refinement, interview skills, job-search activities, and networking in the multimedia field. 0614.00

AA/AS area 4c

MMART 197L, 1 Unit

Multimedia Portfolio/

Sample Reel Development Lab

4 hours laboratory (GR or P/NP). Corequisite: MMART 197. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 197. 0614.00

AA/AS area 4c

MMART 199, 3 Units

Multimedia Special Projects

1.5 hours lecture, 4.5 hours laboratory (GR or P/NP). Recommended Preparation: MMART 130/130L. Acceptable for credit: CSU

Collaborative project-based study of different multimedia specializations combined to produce a multimedia product or event: digital video documentary, animation short, video or/and animation virtual reality project, creation of augmented reality product, public service commercial, public access television program, interactive online / game projects, digital art exhibit, video festival or other related new media. 0614.00

AA/AS area 4c

MMART 200, 3 Units

Digital Media Literacy

2 hours lecture, 3 hours laboratory (GR or P/NP).

Introduction to Mac OS X and iLife: Basic hardware and software components; user interface; digital media including digital photos, digital music, and digital video; DVD based media presentations and ergonomics; ethics and legal issues. 0614.00

AA/AS area 4c

MMART 228C, 2 Units

Introduction to InDesign Desktop Publishing

1.5 hours lecture, 1.5 hours laboratory (GR or P/NP).

Recommended preparation: CIS 200 or MMART 200.

Not open for credit to students who have completed or are currently enrolled in CIS 228C.

Introduction to the use of InDesign pagelayout software: Basics of page layout, font selection and formatting, setting defaults, text and graphic placement, graphic scanning, and laser printing. 0614.50

AA/AS area 4c

MMART 248UA-ZZ, .5-5 Units

Selected Topics in Multimedia Arts

0-5 hours lecture, 0-15 hours laboratory (GR or P/NP).

See section on Selected Topics. 0614.00