Art 382: Digital Compositing II

Course Description
Further exploration in digital compositing and effects through the use of shape-to-shape warping and morphing technology. Integration of interactive interface for the composite video images will be investigated for the final project.

Prerequisites

Syllabus

Wk 1  Session 1  Introduction to Media Installation
Wk 2  Session 2  [LECTURE] Advanced Video Compositing Overview
Wk 3  Session 3  LAB) Introduction to Advanced Video Effects Software
     Session 4  LAB) Organic Shape Blending through path
     Session 5  LAB) Organic Shape Blending through path
     Session 6  LAB) Organic Shape Blending through intermediate shapes
     Session 7  LAB) Organic Shape Blending through intermediate shapes
     Session 8  Open Lab
Wk 4  Session 9  LAB) Wire Frame Editing
     Session 10  LAB) Wire Frame Editing
     Session 11  LAB) Wire Frame Editing
Wk 5  Session 12  LAB) Matte
     Session 13  LAB) Matte
     Session 14  LAB) Transitions
Wk 6  Session 15  LAB) Concept Development
     Session 16  LAB) Preliminary Warping and Morphing
     Session 17  LAB) Preliminary Warping and Morphing
     Session 18  LAB) Warping and Morphing Video
     Session 19  LAB) Warping and Morphing Video
     Session 20  LAB) Warping and Morphing Video in progress
Wk 7  Session 21  LAB) Warping and Morphing Video
     Session 22  LAB) Warping and Morphing Video
     Session 23  LAB) Warping and Morphing Video
     Session 24  LAB) Warping and Morphing Video
Wk 8  Session 25  In-Progress Critique
     Session 26  Midterm Review
Wk 9  Session 27  LAB) Hierarchical Animation (Shape & Motion Track)
     Session 28  LAB) Hierarchical Animation
     Session 29  LAB) PROJECT #2) Hierarchical Animation with Interactive Interface
Wk 10  Session 30  LAB) Hierarchical Animation
     Session 31  LAB) Hierarchical Animation
     Session 32  LAB) Interactive Multimedia Software Overview-1
     Session 33  LAB) Interactive Multimedia Software Overview-2
     Session 34  LAB) Interactive Multimedia Software Overview-3
Wk 11  Session 35  LAB) Interactive Multimedia Software Overview-3
     Session 36  LAB) Behaviors- Automatic animation

Session 37  LAB) Behaviors- Interactive Animation Behavior
Session 38  LAB) Behaviors-Sprite Transition, Control
Session 39  LAB) Behaviors-Navigation, Paintbox, Text
Session 40  LAB) Hierarchical Animation with Interactive Interface
Session 41  LAB) Hierarchical Animation with Interactive Interface-1
Session 42  LAB) Hierarchical Animation with Interactive Interface
Session 43  LAB) Hierarchical Animation with Interactive Interface
Session 44  LAB) Hierarchical Animation with Interactive Interface
Session 45  CRITIQUE #2
Session 46  Open Lab and Revision
Wk 17  Final Review

Reference
Meta-Morphing: Visual Transformation and the Culture of Quick-Change, Vivien Shoichet, University of Wisconsin Press, January 2000
Digital Compositing In Depth: The Only Guide to Post Production for Visual Effects in Film, Doug Kelly, Corollis Group, 2000
The Art of Science of Digital Compositing, Ron Brinkmann, Morgan Kaufmann Publishers, 1999
Director Demystified, Phil Gross and Jason Roberts, Peachpit Press, 2000
Softimage Elastic Reality Manual, Softimage, Current Year

Letter Grading
Request for a Course Change from Multimedia
(Course Number, Frequency of Offering, Course Description, and Syllabus)