Washtenaw Community College Comprehensive Report

ANI 235 Introduction to Compositing and Visual Effects
Effective Term: Winter 2014

Course Cover
Division: Business and Computer Technologies
Department: Digital Media Arts
Discipline: Animation
Course Number: 235
Org Number: 14500
Full Course Title: Introduction to Compositing and Visual Effects
Transcript Title: Compositing and VFX
Is Consultation with other department(s) required: No
Publish in the Following:
Reason for Submission: New Course
Change Information:
Rationale: Replacing Flash Animation because of software changes and adding this exciting technique.
Proposed Start Semester: Winter 2014
Course Description: In this course, students will be introduced to the basics of compositing as used in animation. Students will use various software to combine different elements into a single image or series of images. These elements may include 2-dimensional images, 3-dimensional images, backgrounds, lighting as well as special effects such as fire, smoke, and fog. Students will also animate basic visual effects using various dynamic systems.

Course Credit Hours
Variable hours: No
Credits: 4
Lecture Hours: Instructor: 30 **Student:** 30
Lab: Instructor: 0 **Student:** 0
Clinical: Instructor: 0 **Student:** 0
Other: Instructor: 60 **Student:** 60

Total Contact Hours: Instructor: 90 **Student:** 90
Repeatable for Credit: NO
Grading Methods: Letter Grades
Audit
Are lectures, labs, or clinicals offered as separate sections?: NO (same sections)

College-Level Reading and Writing
College-level Reading & Writing

College-Level Math
No Level Required

Requisites
Prerequisite
ANI 150 minimum grade "C"

General Education
General Education Area 7 - Computer and Information Literacy

Assoc in Arts - Comp Lit
Assoc in Applied Sci - Comp Lit
Assoc in Science - Comp Lit

Request Course Transfer
Proposed For:

Student Learning Outcomes

1. Mix video and 3-D elements to create realistic composited footage.
   Assessment 1
   Assessment Tool: Portfolio
   Assessment Date: Spring/Summer 2016
   Assessment Cycle: Every Three Years
   Course section(s)/other population: All sections
   Number students to be assessed: All students
   How the assessment will be scored: Departmentally-developed rubric
   Standard of success to be used for this assessment: 70% of the students will score 70% (3.5 of 5) or higher.
   Who will score and analyze the data: Departmental faculty

2. Insert 3-D elements into handheld video footage using 2-D and 3-D motion tracking software.
   Assessment 1
   Assessment Tool: Portfolio
   Assessment Date: Spring/Summer 2016
   Assessment Cycle: Every Three Years
   Course section(s)/other population: All sections
   Number students to be assessed: All students
   How the assessment will be scored: Departmentally-developed rubric
   Standard of success to be used for this assessment: 70% of the students will score 70% (3.5 of 5) or higher.
   Who will score and analyze the data: Departmental faculty

3. Animate basic visual effects using various dynamic software options, such as the dynamics, ndynamics, and fluid system.
   Assessment 1
   Assessment Tool: Portfolio
   Assessment Date: Spring/Summer 2016
   Assessment Cycle: Every Three Years
   Course section(s)/other population: All sections
   Number students to be assessed: All students
   How the assessment will be scored: Departmentally-developed rubric
   Standard of success to be used for this assessment: 70% of the students will score 70% (3.5 of 5) or higher.
   Who will score and analyze the data: Departmental faculty

Course Objectives
1. Create appropriate mattes for mixing animation and video footage.
   Matched Outcomes
2. Animate visual effects such as fire, smoke, and fog.
   Matched Outcomes
3. Use 3-D tracking software to create 3-D elements from handheld footage.
   Matched Outcomes
4. Insert 3-D images into handheld video.
   Matched Outcomes
5. Produce effective composited works using basic corrective techniques such as color

matching, noise, and blurs.
Matched Outcomes
6. Use render layers in a 3-D program to improve quality and efficiency of renders.
Matched Outcomes
7. Outline the basic history of the compositing process.
Matched Outcomes

New Resources for Course
Course Textbooks/Resources
Textbooks
Manuals
Periodicals
Software
Equipment/Facilities
Level III classroom

Reviewer	Action	Date
Faculty Preparer:		
Randy Van Wagnen	*Faculty Preparer*	*Sep 09, 2013*
Department Chair/Area Director:		
Kristine Willimann	*Recommend Approval*	*Sep 10, 2013*
Dean:		
Rosemary Wilson	*Recommend Approval*	*Sep 19, 2013*
Vice President for Instruction:		
Bill Abernethy	*Approve*	*Oct 11, 2013*