Moraine Valley Community College
Mechanical Design & Drafting/CAD
Computer Integrated Technologies Department

Course Syllabus

Course Title: Computer Animation I
Course Number: MDT CGI-104-001
Semester: Fall 2015

I.   Faculty Information

a.   Instructor: Allen Tieri
b.   Office Location:
c.   Office Hours:
d.   Mailbox Location: T100
e.   Office Phone:
f.   E-mail: tieria2@morainevalley.edu

II.   Course Identification

a.   Credit Hours: 3
b.   Total Contact Hours: 4   Lecture: 2   Lab: 2
c.   Course Meets: Monday & Wednesday 10:30AM - 12:15PM
d.   Room: T406
e.   Prerequisite: None
f.   Corequisite: None
g.   Last date to drop and get a refund: 8/25/2015
h.   Last day to drop this class with a 'W' grade: 11/15/2015
i.   Final Exam: Wednesday, December 8th 2015

III. Catalog Description: This course covers the basics of creating animated, vector-based web content using Adobe CS6 Flash. Students will learn how to create interactive vector graphics and animations.

IV.   Textbooks/Reading List

a.   Required: Adobe FLASH CS6 Against The Clock ISBN: 978-1-936201-15-0
b.   Students **MUST** purchase a binder or folder suitable for maintaining class handouts and materials.
c.   *Optional:* Students may purchase optional storage (i.e. USB Jump Drive, Flash Drive, Thumb Drive, or SD, Smart Memory, or Smart Media memory cards including an external memory card reader such as a Compact Flash Memory Reader).

V. Major Course Concepts

1. Working with a Vector Based Graphic and Editing System for creating interactive content
2. Designing and editing two dimensional shapes in Flash
3. Importing two dimensional objects from Photoshop and Illustrator
4. Controlling the attributes of elements
5. Animating elements and adjusting timing
6. Publishing files to the internet
7. Creating a flow chart diagramming and workflow methods

VI. Expected Outcomes for Student Learning
General Education learning outcomes

1. Technological Competency
2. Use computer information systems and other technology effectively.

Course Content Outcomes

1. Demonstrate a thorough understanding of the capabilities of vector-based drawing and animation programs, and their applications in various media.

2. Design and implement a dynamic interface through the use of traditional workflow planning methods.

3. Create a working, multi-level Flash-based web page ready for use on the web, as well as graphics that may be re-used in a number of other applications.

4. Demonstrate problem-solving skills necessary to realize web designs within the Flash environment.

Assessment of Student Learning

A. *Typical classroom assessment techniques*
 _X_ Projects
 _X_ Group participation
 _X_ Objective tests
 _X_ Studio/Lab performance
 _X_ Comprehensive final exam

B. *Required assignments*
 _X_ Summative final examination

Part 3. Classroom Information

Topical Outline and Calendar

WEEK	TOPICS	ASSIGNMENTS	ASSESSMENTS
1	General interface layout and basic drawing tools		
2	Working with panels		
3	Finish Chapter 1 Getting Acquainted		
4	Working with Graphics	Tracing	
5	Editing Shapes	Workflow Sheet Due	
6	Creating and editing symbols		
7	Animating Elements		
8	Midterm		
9	Morphing and Tweening Shapes		
10	Simulating Physics with Inverse Kinematics		
11	Using Text		
12	Editing text objects and manipulating paths		
13	Adding Sound and Video Content		
14	Loading and Controlling Flash Content		
15	Publishing Flash Documents		Media Suitability
16	Peer-2-Peer Evaluation of Student Projects		
17	Final Examine and Critique		

VII.   **Classroom Policies/Procedures**

    a.   Attendance and punctuality are essential for successful completion of this course and successive courses.

    b.   Extra work outside of class time is suggested. This instructor reserves the right to request that a student demonstrate skills displayed in final projects if there is inconsistency between the weekly projects and the final project submitted.

    c.   Students may not submit joint project work.

    d.   A student who does not withdraw officially from a course may receive a grade of "F", depending on course progress or course attendance, which will become a part of the student's permanent record. The withdrawal date is listed in the General Information Sheet. All changes in status must be accompanied and executed using the approved school forms.

    e.   Class attendance at both lectures and labs is required. Assignments are to be handed in as scheduled. Contact me if you wish to work ahead. Any student having difficulty with this material is responsible for contacting me for additional help or lab time. Any student caught cheating or plagiarizing will receive zero points or an "F" grade for that topic. Each student is responsible for adhering to the Code of Student Conduct as stated in the college catalog.

    f.   Each student is responsible for adhering to the Internet polices as stated by the College or in this syllabus. A copy will be provided to the student upon request.

    g.   Food is not permitted in the classroom. This includes chewing gum and candy.

    h.   Drinks are not permitted unless in a sealed container. Spilling of liquids in the lab will result in the loss of this privilege.

    i.   Cell phones, pagers, pda's and other electronic communication devices must be in silent or vibrate mode during class. Any student or instructor's device which is audibly detected ***will be required to buy a box of donuts*** for the next class period.

VIII.   **Grading Policies/Procedures**

a.   A final project will be required. All of the software in the course will be used to create this major project.

b.   Grades will be assigned on the quality and quantity of work handed in. All work must be completed and turned in as scheduled. Any projects not turned in will receive a zero grade, and any project turned in after five days of assigned date will receive one half of total points for that project.

c.   The following grade scale is used for Assignments, Lab Projects, Student Projects, and Final Projects. Points will be given for each of the following areas. Each area will account for the following point total:

10 points	Participation and Attendance
10 points	File and Project Management Techniques
10 points	Peer to Peer Evaluations
10 points	Quiz/Final
30 points	Student Projects
30 points	Student Final Project

Total possible points   100

IX.   Grading Policies/Procedures (Continued):

Based on the total amount of accumulated points the letter grade is as follows:

90% - 100% = A
80% - 89.9% = B
70% - 79.9% = C
60% - 69.9% = D
59.9% or below = F

Make-up Policy: Make-up will be permitted only if instructor deems appropriate. A consultation with the instructor is required and an agreement will be reached between the student and the instructor.

Extra Credit Policy: Extra credit will be assigned by the instructor on a topic by topic basis. Extra credit will only count after all required material is turned in. Due dates also apply.

A Special Message to Moraine Valley Community College Students

We're pleased you have chosen Moraine Valley Community College to start or continue your college education. You have made a wise decision that will positively impact your future.
Now is the time for you to make another wise decision! Once you have completed your goals at Moraine Valley, before you leave the college to enter the workforce or transfer to a four-year university, we encourage you to obtain your associate's degree or career certificate. There are many reasons you will want to participate in our "**Agree to Degree**" initiative.

Here are some good reasons to "Agree to Degree":

• You will possess a recognized higher education degree or certificate.

• Your degree or certificate can lead to higher salaries, according to the U.S. Department of Education. It also can lead to an increased likelihood of finding employment, particularly in a poor economy.

• Your degree shows future employers or college admissions officials that you are serious about your marketability, your education and your future.

• College graduates earn 65 percent more on average than high school graduates, according to a College Board report from 2010.

• During recessionary times, employment rates have been higher among college graduates than for those with less education.

• The future labor market will require even more college graduates, economists predict.

• Data indicates that 60 percent of jobs by the year 2020 will require a college credential.

• Credential holders are more likely to retain jobs. Unemployment for community college grads is typically 30 percent lower than for high school grads, as reported in the *Chronicle of Higher Education.*

• Many successful people credit their associate's degree as the foundation of their career achievement and the turning point in their lives.

• A report from the Bill & Melinda Gates Foundation found that college graduates will be more likely to promote environmental sustainability, be more likely to volunteer, vote, contribute to charity, serve on boards and run for office.

• Graduates, according to the Gates Foundation, help the national workforce be competitive and productive in the global economy.

• You will be better prepared! According to Rosenberg McKay, people change jobs up to 10 times in their working lives—and when you have a college degree, you have an edge.

• You will feel the pride of actually holding your diploma in your hands.

• Parents can personally role model for their children the value of higher education and of obtaining a college degree.

You deserve the personal satisfaction that comes from knowing you have reached your goals, and having the proof in your hands that shows the level of success you have achieved.

To learn more, go to ***morainevalley.edu/admiss/degree*** and review the requirements for graduation, as well as print and complete the graduation petition.

We encourage you to **Agree to Degree**. *Go for it – do it for you!*

SYLLABUS ACKNOWLEDGMENT

I have received the syllabus for CGI 104-001 Fall 2015 session. I understand the grading policy, and the requirements necessary to complete this course. I also understand that I am expected to do my own work since it is important that I gain the necessary hands-on skills. I also understand I am to abide by all policies and regulations of Moraine Valley Community College.

I understand that if I use someone else's work or allow my work to be used by others, that the minimum penalty may be a zero for the assignment. Depending on the seriousness of the infraction, I further understand that I may receive a failing grade for this course.

Degree Seeking: _____

Estimated Date of Graduation   _____

_____   _____
Signature   Printed Name

_____   _____
User Name & Password   Date

_____   _____
Section   EMAIL ADDRESS best to reach you at)

_____   _____
Phone Number

1. Last date to drop and get a refund: 8/25/2015

2. Last day to drop this class with a 'W' grade: 11/15/2015

Final Examine: Tuesday, December 8th 2015

Please note: If you have a hold on your record which prevents you from dropping classes online, you must either visit the Registration Office

(Building S, Room 111A) or call (708) 974-2110 to drop classes during normal business hours.

Business Hours for Registration Fall/Spring

Monday	8:30am to 7:30pm
Tuesday	8:30am to 7:30pm
Wednesday	8:30am to 5:00pm*
Thursday	8:30am to 5:00pm*

Friday**   8:30am to 5:00pm*

*Extended hours will be posted outside the offices and on the Web.