Course Title: Animation

Course mnemonic: FNDT-142
Day/Time: S001 Friday, 08:30 - 11:20
Section number: S001 & S002
End Date: April 16, 2007
Location: 283
Start Date: January 5, 2007
Instructor: Martin Rose

Credits: 3
Office number: 264
Office telephone: 604 844 3877
Fax: 604 844 3801
Email: mrose@eciad.ca

Website Catalogue Description | www.eciad.ca

Intended for students who want to learn the animation basics. Participants appreciate motion and its characteristics and attain a clear understanding of introductory animation principles. Through a variety of assignments, students explore the material presented to them during weekly lectures, experimenting with a variety of animation techniques.

Course Content

The main purposes of this course will be to:

- Analyze the elements of motion, study and develop animation methods, and apply animation principles with increasing complexity.
- Work with a variety of animation methods, such as drawing on paper, cut-outs, collage, and object animation.
- Attain a basic understanding of basic digital animation production methods, and post-production editing concepts.
Course Learning Outcomes

At the end of the course, you should be able to:

- Clearly understand motion and its characteristics.
- Apply your understanding of motion and its characteristics to animation technology, creating dynamic and realistic movement phrases.
- Understand tempo, timing, staging and design related to animation.
- Use animation studio equipment for line-testing, image sequences, exporting movie files, dubbing, etc.
- Utilize drawn animation cutouts, collage, and object animation for artistic expression.

Resource Materials

Recommended supplies:

- 3-ring binder for class notes and handouts
- Large sketchbook for ideas and visual planning
- Animation paper (1 pack of Xerox paper)
- Student art kit (watercolours, pencil crayons, scissors, etc.)
- Animation pencils: soft carbon pencils (2B or 3B), colour pencils, erasers, etc.
- Storage media: CDR and DVD disks, Mini-DV and VHS cassettes, etc.

Recommended texts:


Evaluation Criteria

<table>
<thead>
<tr>
<th>Course participation and preparedness</th>
<th>10%</th>
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<tbody>
<tr>
<td>Assignments</td>
<td>90%</td>
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<tr>
<td>Motion studies</td>
<td></td>
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<tr>
<td>Character animation, Parts 1 - 3</td>
<td></td>
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<tr>
<td>Final project</td>
<td></td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>100%</strong></td>
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Foundation Grading Policy on attendance, punctuality and late assignments

Attendance:
- Attendance is mandatory. Absenteeism, chronic lateness and non-participation will affect the final grade.
- No more than two unexcused absences are acceptable. For every absence beyond that, there is a 5% penalty from the final course grade.
- If students miss a class it is their responsibility to determine what was missed and to complete the work, both in-class projects and homework.
- To formally excuse an absence due to illness or emergency, students must phone or send an e-mail to the instructor by the end of the day.

Punctuality:
- There is a 5% penalty from the final course grade for every two late arrivals or occasions when a person leaves early.
- Students will be considered late if they arrive after roll-call, when the session has formally begun. Furthermore, students will be penalized if they leave class before it has properly ended.
- Students will be considered absent if they arrive more than one hour after the session has started.
- If a student is late for class, s/he must make sure to speak with the instructor, to explain the reason for being late.

Late Assignments:
- Late projects will be penalized by one grade level.
- It is absolutely imperative that students manage their time wisely. They should not let themselves fall behind schedule, otherwise they may find it extremely difficult to catch up by the time a deadline arrives.
- If students find that they cannot finish an assignment or keep up with the workload, they must speak to the instructor immediately, to discuss practical ways to make the course manageable.

Evaluation Criteria Definitions
Students will work on assignments throughout the semester and should expect to receive detailed evaluation criteria when the instructor sets each project.

Syllabus/Course Schedule
As an addendum to the course outline, the instructor will provide everyone with a comprehensive timetable at the first class of the semester.
Course Notes

- The instructor may modify the material or schedule specified in this outline. Any required changes will be announced in class.
- Late assignments or projects may be penalized as specified in the course outline.
- It is plagiarism to present someone else’s work or ideas as one’s own. Plagiarism may result in failure on an assignment, of the course, and, if repeated, expulsion from the Institute. Assistance with the ethical practices of attribution and documentation is available from the Writing Centre or online at www.eciad.ca/wc
- A student must provide a doctor’s note to Student Services for any illness which causes the student to miss assignments, tests, projects, exams, etc., or for absences of more than two classes. At the discretion of the instructor the student may complete the work for a prorated grade.
- Students will demonstrate that they understand and practice the safe use of tools and other equipment, materials, and processes used in their course projects. They will conduct themselves in a responsible manner that does not endanger themselves or others, and will adhere to the area procedures regarding authorized operation of equipment, handling of materials, and use of space.
- Students with special needs or disabilities that might affect their experience or performance in class are advised to inform their instructor and/or contact the Disabilities Services Coordinator, located in Student Services, for assistance.
- Professional counseling or therapy is available at no charge to students who have concerns of a personal nature. All information shared is held in strict confidence. Call 604.844.3850 or 604.844.3081 for an appointment with the support counselor.
- The Writing Centre is a service that Emily Carr provides to all students, staff and faculty from every program area who would like to improve their reading, writing, critical thinking, and research skills. This is a free, voluntary and confidential service. Writing Centre instructors can help you at every stage of your writing, from developing ideas to final revision. This applies to any kind of writing, from a three line artist’s statement to a twenty page academic paper. Please sign up for a ½ hour appointment on the door (room 434 SB). Telephone: 604 629 4511, Coordinator: Karolle Wall.
Emily Carr Institute

COURSE ASSIGNMENTS & SYLLABUS

FNDT-142 Animation
Section S001: Fridays, 8:30 – 11:20, January 5 to April 20, 2007
Section S002: Fridays, 12:30 – 13:20, January 5 to April 20, 2007
Room 283

Martin Rose, Instructor
mrose@eciad.ca
www.eciad.ca/~mrose
604-844-3877

Office hours: Wednesdays, Thursdays & Fridays, 15:45 - 16:45

COURSE ASSIGNMENTS

- Course participation & preparedness: 10%
- Motion studies: 10%
- Character animation I: 14%
- Character animation II: 16%
- Character animation III: 20%
- Final project: 30%

COURSE SYLLABUS

View on-line at <www.eciad.ca/~mrose>

Week 01: January 5
- Course outline
- Persistence of vision
- Origins of animation

Week 02: January 12
- Direct animation
Week 03: January 19
- Elements of motion
- Workshop on iStopmotion animation software

Week 04: January 26
- Review work
- Character animation I (walking motion)
- Workshop on iStopmotion

Week 05: February 2
- Review work
- Character animation I (walking motion)
- Workshop on archiving work on CD
- Workshop on iMovie editing software

Week 06: February 9
- Review work
- Character animation II (weight & gravity)
- Workshop on iMovie

Week 07: February 16
- Review work
- Character animation II (weight & gravity)
- Preparations for character animation III

Week 08: February 23
- Reading Break
- Class not held

Week 09: March 2
- Character animation III
- Final project described

Week 10: March 9
- Mid-term reviews: individual meetings
- In-class workshop: Review project plans
- Animation pre-production
Week 11: March 16
- Review work
- Animation production
- Sound recording
- Workshop on iTunes & iMovie

Week 12: March 23
- Review work
- Animation production
- iTunes & iMovie

Week 13: March 30
- Review work
- Animation post-production
- Picture editing & sound editing
- Workshop on exporting image & sound as a DV movie

Week 14: April 6
- Good Friday
- Class not held

Week 15: April 13
- Final class
- Animation post-production
- Export final projects as a DV movie

Week 16: April 20
- Preparations for the Foundation Show