

**COURSE OUTLINE**

<b>TERM:</b> Fall 2014	<b>COURSE NO:</b> ANIM 116
<b>INSTRUCTOR:</b>	<b>COURSE NAME:</b> Animation: Timing and Principles
<b>OFFICE:</b> LOCAL: x	<b>SECTION NO(S):</b>
<b>EMAIL:</b>	<b>COURSE CREDITS:</b> 3

**COURSE FORMAT:** 8 lecture hours (2 four-hour classes) per week for 8 weeks

**PREREQUISITE:** None

**MISSION STATEMENT:** The program strives to provide a comprehensive artistic and technical education, preparing students in the art of animation and encouraging critical reflection, collaboration and professionalism. Through innovative teaching, local and international partnerships and the highest standards of artistic and academic excellence, the program seeks to ensure student success in creative careers within the animation industry.

**COURSE OBJECTIVES:** This course is an introduction to how animators create the illusion of life through the manipulation of single images. The five conditions of motion are studied as they pertain to movement and how that movement is interpreted by the viewer. Principles of animation are introduced and students will incorporate them as a means to create hand drawn animation that is believable and entertaining.

**COURSE STUDENT LEARNING OUTCOMES:** Upon successful completion of this course, students will be able to:

- animate simple characters creating the illusion of life;
- understand the importance of solid drawing and how to achieve it;
- ascertain the difference between poses, key drawings and inbetweens;
- incorporate procedures for key animation that reflect industry practices;
- work both on paper and with digital tools to create hand-drawn animation;
- reference existing animation and video to learn about specific actions.

**REQUIRED TEXTS:** Course materials will be supplied by the instructor.

**COURSE CONTENT:**

Week	Topic	Assg
1	Introduction to animated motion and techniques for creating movement.	<b>1</b>
2	Timing and principles used in animation motion.	<b>2</b>
3	Procedure for pose-to-pose animation. Three essential keys of a jump.	
4	Incorporating animation principles in character movement. The S curve.	<b>3</b>
5	Working with the human form. Using structure in bipedal movement.	<b>4</b>
6	Character movement. Animating existing characters on model.	
7	Animating cycles. Animating a run from A to B and as a cycle.	<b>5</b>
8	Character walks. The essential keys.	

**ASSIGNMENTS:** Five animation assignments will make up the final grade.

**EVALUATION PROFILE:**

<b>1</b>	Five Conditions of Motion and Slow-in/Slow-out	10%
<b>2</b>	Animating Weight and Balance	25%
<b>3</b>	Structure, Volumes and Timing	15%
<b>4</b>	Principles of Animation and the S-Curve	25%
<b>5</b>	Animating Jumps and Runs of a Biped Character	25%
<b>TOTAL:</b>		<b>100%</b>

**GRADING PROFILE:**

A+ = 90-100%
A = 85-89%
A- = 80-84%

B+ = 77-79%
B = 73-76%
B- = 70-72%

C+ = 67-69%
C = 63-66%
C- = 60-62%

D = 50-59%
F = 0-49%

**OPERATIONAL DETAILS:**

- University Policies:* Capilano University has policies on Academic Appeals (including appeal of final grade), Student Conduct, Cheating and Plagiarism, Academic Probation and other educational issues. These and other policies are available on the University website.
- Professional Behaviour:* Students must demonstrate a professional attitude and behaviour toward work, other students, guests and instructors. Each student should demonstrate reliability, respect for and co-operation with colleagues. A willingness to work calmly and courteously under difficult conditions as well as a determination to achieve first class work while meeting deadlines is necessary in this course. Students must have respect for equipment and systems and constructive response to criticism.
- Attendance:* Regular attendance is essential. Students missing more than 20% of classes will not receive credit for the course. Each student is responsible for the material covered and any work assigned in class. The instructor has no obligation to repeat material for students who missed class.
- Late Assignments:* Late assignments will only be accepted if a doctor's certificate is provided and the instructor has given prior approval for a late submission date.
- "I" Grades:* An "I" grade or Incomplete may be assigned in exceptional circumstances. If the date for the submission of incomplete assignments is not met, the grade will automatically revert to the grade based on the student's present achievements. In addition, the student concerned must submit a *written request* for approval by the instructor prior to the last regular class in the course.
- Emergency Procedures:* Students should familiarize themselves with emergency procedures posted in the classroom.