

Course Syllabus

1. **Program of Study** Bachelor of Arts (Animation Production)
Faculty/Institute/College Mahidol University International College
2. **Course Code** ICAM 104 **Course Title** 2D Animation I
3. **Number of Credits** 4 (Lecture/Lab) (0-8)
4. **Prerequisite(s)** ICAM 101
5. **Type of Course** Required for Animation Production
6. **Trimester / Academic Year** Third Trimester / Year I
7. **Course Description**
Basic principles of animation including posing, timing, squash and stretch, anticipation, slow in and out, follow through. Studio practice includes a series of hand-drawn exercises.
8. **Course Objective(s)**
After completing this course, students will be able to demonstrate an understanding of the basic principles of animation and animation terminology by animating a simple series of 2D drawings.

9. Course Outline

Week	Topic		Instructor
	Lab	Hour	
1	Basics: the bouncing ball	8	
2	Beats, timing, arcs, squash	8	
3	Head turn	8	
4	Anticipation and follow-thru	8	
5	The "take"	8	
6	Force and wave principle	8	
7	Wave motion and overlap	8	
8	Weight and balance	8	
9	Lifting a heavy object	8	
10	Walks	8	
11	Runs	8	
12	Final project presentation and evaluation	8	
	Total	96	

10. Teaching Method(s)

Drawing and animation studio, video, and feedback

11. Teaching Media

Handouts, video, and PowerPoint presentations

12. Measurement and evaluation of student achievement

Assessment is made from the criteria of A, B+, B, C+, C, D+ and D

13. Course evaluation

Weekly assignments 60%

Final assignment 40%

14. Reference(s)

Johnston, O., and Thomas, F.(1995). *The Illusion of Life: Disney Animation (Revised edition)*. Disney Editions.

Blair, P. (1995). *Cartoon Animation (The Collector's Series)*. Walter Foster Publishing.

Williams, R. (2002). *The Animation Survival Kit (A Manual of Methods, Principles, and Formulas for Classical, Computer, Games, Stop Motion, and Internet Animators)*. Faber & Faber.

Halas, J., and Whitaker, H. (2002). *Timing for Animation*. Focal Press.

15. Instructor(s)

TBA

16. Course Coordinator

Prof. Charles Harpole