

Course Syllabus

1. **Program of Study** Bachelor of Arts (Animation Production)
Faculty/Institute/College Mahidol University International College
2. **Course Code** ICAM 205 **Course Title** Computer Programs for Animation
3. **Number of Credits** 4 (Lecture/Lab) (0-8)
4. **Prerequisite(s)** ICAM 202, ICAM 204
5. **Type of Course** Required for Animation Production
6. **Trimester / Academic Year** Third trimester / Year II
7. **Course Description**
Introduction to computer programs essential to the pre-production and production process; technical and artistic use of computer programs as a tool for creating art; specific use of each program in an integrated computer graphics production facility.
8. **Course Objective(s)**
After completing this course, students will be able to:
 1. create and edit images and visual elements using Photoshop, Illustrator, Flash, After Effects, and Premiere;
 2. select and use the appropriate graphics software to create a variety of effects and images.
9. **Course Outline**

Week	Topic		Instructor
	Lab	Hour	
1	Introduction to computer animation	8	
2	Photoshop I: tools	8	
3	Photoshop II: pixel graphics	8	
4	Illustrator I: tools	8	
5	Illustrator II: vector graphics	8	
6	Flash I: tools	8	
7	Flash II: motion graphics	8	
8	After Effects I: tools	8	
9	After Effects II: composition theory and practice	8	

10	Premiere I: tools	8	
11	Premiere II: editing theory and practice	8	
12	Final project presentation and evaluation	8	
	Total	96	

10. Teaching Method(s)

Hands-on practice

11. Teaching Media

Computers and handouts

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	30%
Final project	50%
Studio practice	20%

14. Reference(s)

Bhangal, S., Loader, V., Oliver, M., Smith, C., and Ward, A. (2001). *Foundation Photoshop 6*. Friends of Ed.

Foster, J. S. (2004). *After Effects and Photoshop (Animation and Production Effects for DV and Film)*. Sybex Inc; Book&Dvdrom.

Kolb, T. (2004) *Focal Easy Guide to Premiere Pro, For New Users and Professionals (Focal Easy Guide Series)*. Focal Press.

15. Instructor(s)

TBA

16. Course Coordinator

Prof. Charles Harpole