

Course Syllabus

1. **Program of Study** Bachelor of Arts (Animation Production)
Faculty/Institute/College Mahidol University International College
2. **Course Code** ICAM 304 **Course Title** Character Design II
3. **Number of Credits** 4 (Lecture/Lab) (0-8)
4. **Prerequisite(s)** ICAM 201
5. **Type of Course** Required for Animation Production
6. **Trimester / Academic Year** Second Trimester / Year III
7. **Course Description**
Creation and development of complex and multi-faceted 2D and 3D characters, emphasizing facial expressions; study and practice of a variety of animation design styles; 3D sculpting using Maya and Zbrush.
8. **Course Objective(s)**
After completing this course, students will be able to:
 1. demonstrate advanced character design skills;
 2. create characters for use in an animated project;
 3. demonstrate ability to design for 2D and 3D animation.
9. **Course Outline**

Week	Topic		Instructor
	Lab	Hour	
1	Survey and practice of design styles	8	
2	Translating 2D designs into 3D	8	
3	Designing facial expressions for animation	8	
4	Advanced character line-up	8	
5	Advanced costume design	8	
6	Advanced 3D design I: model sheets	8	
7	Advanced 3D design II: modeling	8	
8	Advanced 3D design III: texture mapping	8	
9	Modeling I: geometric polygonal sculpting in Maya	8	
10	Modeling II: smooth subdivision surface sculpting in Maya	8	
11	Modeling III: organic shape sculpting with Zbrush	8	

12	Final assignment presentation and evaluation	8	
	Total	96	

10. Teaching Method(s)

Practice, and discussion

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	50%
Final assignment	30%
Studio practice	20%

14. Reference(s)

Canemaker, J. (2003). *The Art and Flair of Mary Blair (1st edition)*. Disney Editions

Graham, W. D. (1982). *Composing Pictures*. Van Nostrand Reinhold.

15. Instructor(s)

TBA

16. Course Coordinator

Prof. Charles Harpole