

ANIMATION, CERTIFICATE OF ACHIEVEMENT

Banner Code: 1_CT_DMAN

Control Number: 38420

Financial Aid Eligible

Students in this program will explore animation concepts and gain hands-on experience using industry-standard hardware and software and motion capture systems. Animation is widely used in broadcast media, gaming and simulation, motion graphics, web design, and VR/AR. Students will employ techniques in storytelling and character development for both 2-dimensional and 3-dimensional animation. Computer and drawing skills are very important in this field. Students will leave with an animation portfolio representative of the material and techniques studied, suitable for employment or transfer to another institution.

Program Outcomes

1. Communicate ideas, emotion and intent effectively in visual, oral and written forms.
2. Create 2D and 3D characters and environments that reflect the integration of graphic clarity, design principles, performance principles and theoretical constructs.
3. Design layouts and backgrounds that incorporate principles of composition, perspective and color, with speed, accuracy and dexterity, using a variety of media.
4. Incorporate technology effectively in the development of animation projects.

Review Graduation Requirements (<https://catalog.cccd.edu/orange-coast/graduation-requirements/certificates/#achievementtext>).

Course	Title	Units
Required Courses		
ART A110	Color and Design: Two-Dimensional	3
ART A120	Beginning Drawing	3
or ART A120H	Beginning Drawing Honors	
ART A121	Life Drawing 1	3
ART A127	Introduction to Storyboarding	3
ART A129	Figure Drawing for Animators and Illustrators	3
ART A135	Digital Painting	3
ART A251	Character Design	3
DMAD A181	Introduction to Computer Graphics	3
DMAD A280	2D Animation	3
DMAD A281	3D Computer Graphics Animation	3
DMAD A288	Digital Portfolio Development	3
FILM A196	Introduction to Visual Effects	3
Select 6-9 units from the Restricted Electives List		6-9
Total Units		42-45

Restricted Electives

Course	Title	Units
ART A111	Color and Design: Three-Dimensional	3
ART A128	Advanced Storyboarding and Previsualization	3
ART A143	Story Illustration Techniques	3
ART A269	Cartooning 1	3
ART A220	Figure Composition	3
ART A270	Cartooning 2	3
DMAD A117	Rapid Illustration Techniques	3
DMAD A190	Illustrator for Design	3
DMAD A202	Studio Internship Prep	2
DMAD A263	Motion Graphics and Video Compositing with Adobe After Effects	3
FILM A106	Introduction to Media Writing	3
FILM A193	Sound Design for Film & TV	3
FILM A194	Editing 1	3
FILM A220	Introduction to Immersive Media (VR/AR)	3

Program Sequence

These sequences at Orange Coast College are curriculum maps for students to finish all requirements for the certificate. There may be advisories, prerequisites, or time requirements that students need to consider before following these maps. **Students are advised to meet with an Orange Coast College Counselor for alternate sequencing.**

Course	Title	Units
Year 1		
Semester 1		
ART A120	Beginning Drawing	3
or ART A120H	or Beginning Drawing Honors	
ART A110	Color and Design: Two-Dimensional	3
DMAD A181	Introduction to Computer Graphics	3
FILM A194	Editing 1 (restricted elective)	3
Units		12
Semester 2		
ART A121	Life Drawing 1	3
ART A135	Digital Painting	3
ART A127	Introduction to Storyboarding	3
FILM A196	Introduction to Visual Effects	3
DMAD A190	Illustrator for Design (restricted elective)	3
Units		15
Year 2		
Semester 1		
ART A251	Character Design	3
DMAD A280	2D Animation	3
ART A129	Figure Drawing for Animators and Illustrators	3
CERT RESTRICTED ELECTIVE- CHOOSE ONE (See Requirements)		0-3
Units		9-12
Semester 2		
DMAD A281	3D Computer Graphics Animation	3

Course	Title	Units
DMAD A288	Digital Portfolio Development	3
	Units	6
	Total Units	42-45