

AN2D 4870 - STOP MOTION ANIMATION

Credits: 3

Using clay figures or wire armature puppets, students will explore the world of stop motion animation in this senior-level film making course. Application of fundamental animation principles in a stop motion setting is emphasized, along with expression of personality through movement. Students will analyze outstanding examples of stop motion animation, and will gain experience with techniques and concepts for lighting dimensional characters and sets. Green screen shooting, lip sync animation, and post-production techniques such as keying and tracking will also be a part of this class. Upon successful completion of this course, students will have built a puppet suitable for animation, created a simple set for shooting their puppet and completed a short stop motion film.

Prerequisites: AN2D 3230 - Character Animation + Motion Studies OR AN3D 3230 - 3D Computer Animation Motion Studies

Course Learning Outcomes:	Exceeding	Meeting	Developing	Not meeting	Program Outcomes	Institutional Outcomes
Translate fundamental principles of animation to physical puppets for quality stop-motion animation.	Animation demonstrates an exceptional understanding of animation principles. Major principles: timing, overlap and followthrough, exaggeration, anticipation are demonstrated at a high level	Animation demonstrates a solid understanding of animation principles, major principles are present but require additional polish	Animation demonstrates a understanding of animation principles but the application is not always properly executed.	Animation demonstrates little to no understanding of animation principles and they are not applied properly or not demonstrated.	AN2D-1AN2D-2AN2D-3AN2D-4 AN2D-6AN2D-7AN2D-8AN2D-9	Design Competence, Communication Competence, Cultural Competence, Communication Competence, Critical Thinking
Identify methods for building quality stop-motion puppets that display a full-range of motions.	Student identified and implemented puppet creation techniques that give a full range of motion including control for nuanced motion	Student identified and implemented puppet creation techniques that give a full range of motion but is lacking some finer controls for subtle motion	Student identified and implemented some puppet creation techniques that give a limited range of motion	Student failed to identified and implemented puppet creation techniques that give a full range of motion.	AN2D-1AN2D-3AN2D-4AN2D-5 AN2D-9	Design Competence, Critical Thinking, Cultural Competence, Communication Competence
Repeat motion-tests to refine animation quality and emotive impact.	Motion tests are of high quality demonstrating thorough understanding of animation principles and progressive shots show growth and refinement delivering an emotive final character animation	Motion tests are fully readable, demonstrating solid understanding of animation principles and progressive shots show growth and refinement delivering an emotive final character animation but are in need of further polish	Motion tests are not entirely readable, demonstrating a lack of understanding of animation principles and progressive shots show little growth or refinement and do not deliver an emotive final character animation	Motion tests are not readable, no demonstration of understanding of animation principles and progressive shots show little to no growth or refinement and do not deliver an emotive final character animation	AN2D-1AN2D-3AN2D-4AN2D-5 AN2D-9	Design Competence, Critical Thinking, Cultural Competence, Communication Competence
Construct a production quality stop-motion set, with relevant lighting and environmental details.	Stop motion set is completely realized and polished with details and is lit appropriately.	Stop motion set is complete but is lacking polish and is missing some details and is lit well but is in need of some adjustments.	Stop motion set is incomplete and is lacking polish and is missing many details and is lit but lacking is some motivation to the lighting	Stop motion set is not complete, or created, there is no aparent polish and no attention to details, it is lit but there is no motivation to the lighting	AN2D-1AN2D-2AN2D-3AN2D-4 AN2D-5AN2D-6	Design Competence, Critical Thinking, Cultural Competence, Communication Competence