



COURSE OUTLINE

DES231 Animation Principles, Process and Production

Course Coordinator: Kellie O'Dempsey (kodempsey@usc.edu.au) **School:** School of Business and Creative Industries

2022 | Semester 1

USC Sunshine Coast
USC Moreton Bay

BLENDDED
LEARNING

Most of your course is on campus but you may be able to do some components of this course online.

Online

ONLINE

You can do this course without coming onto campus.

Please go to the USC website for up to date information on the teaching sessions and campuses where this course is usually offered.

1. What is this course about?

1.1. Description

This course introduces you to the historical development of animation methods, principles and formulas that are fundamental to creating believable motion in any medium. The course focusses on the 2D medium and the transferability of traditional 2D concepts to the 3D Computer Graphics medium. You will gain foundational skills and knowledge that are important for your future studies in animation and visual effects.

1.2. How will this course be delivered?

ACTIVITY	HOURS	BEGINNING WEEK	FREQUENCY
BLENDDED LEARNING			
Learning materials – Asynchronous delivery of learning materials.	1hr	Week 1	13 times
Tutorial/Workshop 1 – Synchronous (face-to-face) workshops.	2hrs	Week 1	10 times
Seminar – All cohort seminar	2hrs	Throughout teaching period (refer to Format)	3 times
ONLINE			
Learning materials – Asynchronous online deliver of learning materials	1hr	Week 1	13 times
Tutorial/Workshop 1 – Online workshop	2hrs	Week 1	10 times
Seminar – All cohort seminar	2hrs	Throughout teaching period (refer to Format)	3 times

1.3. Course Topics

- Introduction to history and theory of Animation
- Animation Methods
- Animation Principles and Techniques
- Narrative Arcs
- Timing

2. What level is this course?

200 Level (Developing)

Building on and expanding the scope of introductory knowledge and skills, developing breadth or depth and applying knowledge and skills in a new context. May require pre-requisites where discipline specific introductory knowledge or skills is necessary. Normally, undertaken in the second or third full-time year of an undergraduate programs.

3. What is the unit value of this course?

12 units

4. How does this course contribute to my learning?

COURSE LEARNING OUTCOMES	GRADUATE QUALITIES
On successful completion of this course, you should be able to...	
① Create motion tests using contemporary 2D animation workflows.	Creative and critical thinker Empowered
② Interpret and reflect on design ethics and inclusive design practices to produce socially engaged, agile, relevant and impactful design outcomes	Empowered Ethical
③ Investigate and learn about animation theory and apply gained knowledge to the design and development of animation.	Creative and critical thinker
④ Create fluent motion with demonstrated control over timing and spacing.	Knowledgeable Empowered
⑤ Apply fundamental principles of animation to create believable motion.	Creative and critical thinker Empowered

5. Am I eligible to enrol in this course?

Refer to the [USC Glossary of terms](#) for definitions of “pre-requisites, co-requisites and anti-requisites”.

5.1. Pre-requisites

Not applicable

5.2. Co-requisites

Not applicable

5.3. Anti-requisites

Not applicable

5.4. Specific assumed prior knowledge and skills (where applicable)

Basic computer skills

6. How am I going to be assessed?

6.1. Grading Scale

Standard Grading (GRD)

High Distinction (HD), Distinction (DN), Credit (CR), Pass (PS), Fail (FL).

6.2. Details of early feedback on progress

Formative feedback will be provided via discussion.

6.3. Assessment tasks

DELIVERY MODE	TASK NO.	ASSESSMENT PRODUCT	INDIVIDUAL OR GROUP	WEIGHTING %	WHAT IS THE DURATION / LENGTH?	WHEN SHOULD I SUBMIT?	WHERE SHOULD I SUBMIT IT?
All	1	Artefact - Creative	Individual	20%	A collection of examples of animation sequences	Week 4	Online Submission
All	2	Artefact - Creative	Individual	40%	A collection of short animation sequences	Week 8	Online Submission
All	3	Artefact - Creative	Individual	40%	10 seconds	Week 13	Online Submission

All - Assessment Task 1: The Fundamentals of Motion

GOAL:	Complete a series of animation exercises to develop animation skills and knowledge.	
PRODUCT:	Artefact - Creative	
FORMAT:	Showreel - digital video	
CRITERIA:	No.	Learning Outcome assessed
	1 Application of animation theory	3
	2 Application of animation workflows	1
	3 Relevant, creative and appropriate response to the task	2
	4 Application of the principles of animation to create believable motion.	5

All - Assessment Task 2: The Principles of Animation

GOAL:	Complete a series of animation exercises to demonstrate knowledge of the principles of animation in 2D.	
PRODUCT:	Artefact - Creative	
FORMAT:	Showreel - digital video	
CRITERIA:	No.	Learning Outcome assessed
	1 The animation should be fluid and continuous.	1
	2 Relevant, creative and appropriate response to the task	2
	3 The application of the animation principles in 2D and 3D.	3 5
	4 Appropriate completion of all set exercises.	3 4 5

All - Assessment Task 3: The Shapeshifter

GOAL:	You will create a short animated sequence that creates the illusion of life in an otherwise inanimate object.										
PRODUCT:	Artefact - Creative										
FORMAT:	Showreel - digital video										
CRITERIA:	<table><tr><td>No.</td><td>Learning Outcome assessed</td></tr><tr><td>1 Original and appropriate response to the task that reflects contemporary animation workflows.</td><td>1</td></tr><tr><td>2 Application of the appropriate motion for the idea and the actions are well motivated.</td><td>3 4</td></tr><tr><td>3 Creation and design of a coherent and consistent style with a strong aesthetic.</td><td>1 5</td></tr><tr><td>4 Application of appropriate audio that enhances the animation</td><td>2</td></tr></table>	No.	Learning Outcome assessed	1 Original and appropriate response to the task that reflects contemporary animation workflows.	1	2 Application of the appropriate motion for the idea and the actions are well motivated.	3 4	3 Creation and design of a coherent and consistent style with a strong aesthetic.	1 5	4 Application of appropriate audio that enhances the animation	2
No.	Learning Outcome assessed										
1 Original and appropriate response to the task that reflects contemporary animation workflows.	1										
2 Application of the appropriate motion for the idea and the actions are well motivated.	3 4										
3 Creation and design of a coherent and consistent style with a strong aesthetic.	1 5										
4 Application of appropriate audio that enhances the animation	2										

7. Directed study hours

A 12-unit course will have total of 150 learning hours which will include directed study hours (including online if required), self-directed learning and completion of assessable tasks. Directed study hours may vary by location. Student workload is calculated at 12.5 learning hours per one unit.

8. What resources do I need to undertake this course?

Please note: Course information, including specific information of recommended readings, learning activities, resources, weekly readings, etc. are available on the course Canvas site— Please log in as soon as possible.

8.1. Prescribed text(s) or course reader

Please note that you need to have regular access to the resource(s) listed below. Resources may be required or recommended.

REQUIRED?	AUTHOR	YEAR	TITLE	EDITION	PUBLISHER
Required	Richard Williams	2012	The Animator's Survival Kit	n/a	Macmillan

8.2. Specific requirements

This course requires software or hardware which is provided at USC campuses for student use. If you elect to do this course online, you may either; attend a campus at which it is available, discuss alternative open source solutions with your course coordinator that would enable you to demonstrate the learning outcomes, or if you prefer you may acquire this software and / or hardware at your own expense.

9. How are risks managed in this course?

Health and safety risks for this course have been assessed as low. It is your responsibility to review course material, search online, discuss with lecturers and peers and understand the health and safety risks associated with your specific course of study and to familiarise yourself with the University's general health and safety principles by reviewing the [online induction training for students](#), and following the instructions of the University staff.

10. What administrative information is relevant to this course?

10.1. Assessment: Academic Integrity

Academic integrity is the ethical standard of university participation. It ensures that students graduate as a result of proving they are competent in their discipline. This is integral in maintaining the value of academic qualifications. Each industry has expectations and standards of the skills and knowledge within that discipline and these are reflected in assessment.

Academic integrity means that you do not engage in any activity that is considered to be academic fraud; including plagiarism, collusion or outsourcing any part of any assessment item to any other person. You are expected to be honest and ethical by completing all work yourself and indicating in your work which ideas and information were developed by you and which were taken from others. You cannot provide your assessment work to others. You are also expected to provide evidence of wide and critical reading, usually by using appropriate academic references.

In order to minimise incidents of academic fraud, this course may require that some of its assessment tasks, when submitted to Canvas, are electronically checked through Turnitin. This software allows for text comparisons to be made between your submitted assessment item and all other work to which Turnitin has access.

10.2. Assessment: Additional Requirements

Your eligibility for supplementary assessment in a course is dependent of the following conditions applying:

The final mark is in the percentage range 47% to 49.4%

The course is graded using the Standard Grading scale

You have not failed an assessment task in the course due to academic misconduct.

10.3. Assessment: Submission penalties

Late submission of assessment tasks may be penalised at the following maximum rate:

- 5% (of the assessment task's identified value) per day for the first two days from the date identified as the due date for the assessment task.

- 10% (of the assessment task's identified value) for the third day - 20% (of the assessment task's identified value) for the fourth day and subsequent days up to and including seven days from the date identified as the due date for the assessment task.

- A result of zero is awarded for an assessment task submitted after seven days from the date identified as the due date for the assessment task. Weekdays and weekends are included in the calculation of days late. To request an extension you must contact your course coordinator to negotiate an outcome.

10.4. SafeUSC

USC is committed to a culture of respect and providing a safe and supportive environment for all members of our community. For immediate assistance on campus contact SafeUSC by phone: [07 5430 1168](#) or using the [SafeZone](#) app. For general enquires contact the SafeUSC team by phone [07 5456 3864](#) or email safe@usc.edu.au.

The SafeUSC Specialist Service is a Student Wellbeing service that provides free and confidential support to students who may have experienced or observed behaviour that could cause fear, offence or trauma. To contact the service call [07 5430 1226](#) or email studentwellbeing@usc.edu.au.

10.5. Study help

For help with course-specific advice, for example what information to include in your assessment, you should first contact your tutor, then your course coordinator, if needed.

If you require additional assistance, the Learning Advisers are trained professionals who are ready to help you develop a wide range of academic skills. Visit the [Learning Advisers](#) web page for more information, or contact Student Central for further assistance: +61 7 5430 2890 or studentcentral@usc.edu.au.

10.6. Wellbeing Services

Student Wellbeing provide free and confidential counselling on a wide range of personal, academic, social and psychological matters, to foster positive mental health and wellbeing for your academic success.

To book a confidential appointment go to [Student Hub](#), email studentwellbeing@usc.edu.au or call 07 5430 1226.

10.7. AccessAbility Services

Ability Advisers ensure equal access to all aspects of university life. If your studies are affected by a disability, learning disorder mental health issue, injury or illness, or you are a primary carer for someone with a disability or who is considered frail and aged, [AccessAbility Services](#) can provide access to appropriate reasonable adjustments and practical advice about the support and facilities available to you throughout the University.

To book a confidential appointment go to [Student Hub](#), email AccessAbility@usc.edu.au or call 07 5430 2890.

10.8. Links to relevant University policy and procedures

For more information on Academic Learning & Teaching categories including:

- Assessment: Courses and Coursework Programs
- Review of Assessment and Final Grades
- Supplementary Assessment
- Administration of Central Examinations
- Deferred Examinations
- Student Academic Misconduct
- Students with a Disability

Visit the USC website: <https://www.usc.edu.au/explore/policies-and-procedures#academic-learning-and-teaching>

10.9. Student Charter

USC is committed to excellence in teaching, research and engagement in an environment that is inclusive, inspiring, safe and respectful. The [Student Charter](#) sets out what students can expect from the University, and what in turn is expected of students, to achieve these outcomes.

10.10.General Enquiries

In person:

- **USC Sunshine Coast** - Student Central, Ground Floor, Building C, 90 Sippy Downs Drive, Sippy Downs
- **USC Moreton Bay** - Service Centre, Ground Floor, Foundation Building, Gympie Road, Petrie
- **USC SouthBank** - Student Central, Building A4 (SW1), 52 Merivale Street, South Brisbane
- **USC Gympie** - Student Central, 71 Cartwright Road, Gympie
- **USC Fraser Coast** - Student Central, Student Central, Building A, 161 Old Maryborough Rd, Hervey Bay
- **USC Caboolture** - Student Central, Level 1 Building J, Cnr Manley and Tallon Street, Caboolture

Tel: +61 7 5430 2890

Email: studentcentral@usc.edu.au