

<b>Module Title:</b>	Sustainable Filmmaking
<b>Language of Instruction:</b>	English
<b>Credits:</b>	5
<b>NFQ Level:</b>	8
<b>Module Delivered In</b>	<a href="#">1 programme(s)</a>
<b>Teaching &amp; Learning Strategies:</b>	Lectures Projects Practicals Private study
<b>Module Aim:</b>	The aims of the subject are: 1. To provide an understanding of the benefits and integration of sustainable building practices, circular economy theory, waste management and waste reduction methods in relation to the construction needs of the film industry. 2. Demonstrate knowledge of mitigation methods to limit environmental impact to existing natural environments, local amenities and eco systems whilst filming on location. 3. To examine general sustainable strategies throughout the whole lifespan of the filmmaking project. 4. To examine and apply sustainable certification methods for the film industry, e.g., GREEN FILM Certification and Albert Sustainable Production Certification.

Learning Outcomes	
<i>On successful completion of this module the learner should be able to:</i>	
LO1	Demonstrate knowledge of the environmental impact of constructing a film set and how these can be offset by applying circular economy theory and waste reduction management techniques.
LO2	Demonstrate knowledge of mitigation methods to limit environmental impact to existing natural environments, local amenities and eco systems whilst filming on location.
LO3	Demonstrate knowledge of general sustainable strategies throughout the whole lifespan of a filmmaking project.
LO4	Demonstrate knowledge relating to how the Film and TV Industry is Working Towards Sustainability using virtual production methods.
LO5	Demonstrate the ability to apply sustainable certification methods for the film industry.

Pre-requisite learning
<b>Module Recommendations</b> <i>This is prior learning (or a practical skill) that is recommended before enrolment in this module.</i>
No recommendations listed
<b>Incompatible Modules</b> <i>These are modules which have learning outcomes that are too similar to the learning outcomes of this module.</i>
No incompatible modules listed
<b>Co-requisite Modules</b>
No Co-requisite modules listed
<b>Requirements</b> <i>This is prior learning (or a practical skill) that is mandatory before enrolment in this module is allowed.</i>
No requirements listed

**Module Content & Assessment**

Indicative Content
<b>Sustainable Buildings</b> (a) Energy efficient buildings (b) Renewables
<b>Whole life cycle analysis</b> (a) whole life cycle analysis (b) life cycle costing (c) circular economy theory (d) Urban mining (b) Reuse of construction materials, sets, props, rigging/harnessing equipment, etc.
<b>Waste Management</b> (a) waste product types and categories (b) ISO 14001 Environmental management systems (c) waste management methods
<b>Mitigating environmental impacts of location filming</b> (a) Potential environmental impact to existing natural environments, local amenities and eco systems whilst filming on location (b) Reducing potential risks (c) Mitigation requirements and habitat restoration following filming
<b>General sustainable strategies for a film set</b> (a) Sustainable materials for set construction, scenery and general paper usage, e.g., scripts, daily work schedules, etc. (b) Electrical power and lighting (c) Transportation to and from accommodation (d) Sustainable facilities (e) Catering
<b>Sustainable certification methods for the film industry</b> (a) Sustainable certification methods for the film industry, e.g. GREEN FILM certification and Albert Sustainable Production Certification (albert Consortium led by BAFTA, UK) (b) Other sustainable certification, e.g. BREEAM and LEED (c) Completing a certification project.
<b>Virtual production and sustainable filming</b> (a) Virtual production explained (b) Virtual production software and methodology (c) How virtual production is making the film industry more sustainable

Assessment Breakdown	%
Continuous Assessment	40.00%
Project	60.00%

Continuous Assessment				
Assessment Type	Assessment Description	Outcome addressed	% of total	Assessment Date
Examination	In class examination (40%)	1,3,4	40.00	n/a

Project				
Assessment Type	Assessment Description	Outcome addressed	% of total	Assessment Date
Project	Apply sustainable certification methods for the film industry (40%) Presentation based research project (20%)	1,2,3,5	60.00	n/a

No Practical

No End of Module Formal Examination

SETU Carlow Campus reserves the right to alter the nature and timings of assessment

**Module Workload**

<b>Workload: Full Time</b>		
<i>Workload Type</i>	<i>Frequency</i>	<i>Average Weekly Learner Workload</i>
Lecture	12 Weeks per Stage	4.00
Independent Learning Time	12 Weeks per Stage	2.00
Project	12 Weeks per Stage	2.00
Total Hours		96.00

**Module Delivered In**

Programme Code	Programme	Semester	Delivery
CW_CGSDC_B	<a href="#">Bachelor of Science (Honours) in Set Design and Construction</a>	7	Mandatory