

Unit Title	POST TECHNOLOGY
FHEQ Level	Level 4
Unit Code	EPP18105
Credit Value	30 Credits
Unit Type	Mandatory

Learning Hours			
Staff – Student Contact Hours		Independent Study Hours	
Classes	70	Independent Study	60
Supervised access to resources	20	Preparation for Assessment	50
		Unsupervised Access to Resources	100
Total			300

Unit Description

In this unit you will investigate the technologies that drive the post production industry. Through a series of lectures, workshops, and practicals, this unit will give you a critical and hands-on grounding of all the key dimensions of post technology: media servers, signals, connectivity, time code, monitoring, and formats. You will also engage with new and emerging technologies such as cloud, HDR, 4K and 8K.

The skills and knowledge acquired here are in line with the entry level role of technical runner.

The Five Principles underpin the Mindsets and Skillsets Manifesto and are the foundation upon which all course curriculum frameworks and unit specifications are based. The relevant Principles as stated below have been mapped against the Learning Outcomes relevant to each course unit and at each level (see Programme Specifications for full description of the Five Principles):

1. Cultivate / Where the individual thrives.
2. Collaborate / Where disciplines evolve.
3. Integrate / Where education engages industry.
4. Advocate / Where purpose meets practice.
5. Originate / creativity meets technology.

Unit Indicative Content

- Post production hardware
- Cloud-based technologies
- Formats and compression
- Time Code
- Waveforms, monitoring, scopes, and servers
- Online, quality control and delivery
- Online client communications

Unit Aims

To understand the interconnectivity of post production technology

Understanding of technical specs for different platforms.

Ability to operate and understand video/audio signals, media servers and file formats.

To adopt a professional attitude to working

Unit Learning Outcomes

LO 3 Development/Prototyping

Demonstrate a range of tests and solutions, informed by knowledge of the principles of the creative process.

Related Principle: INTEGRATE

LO 4 (Pre) Production

Identify, select and apply an appropriate selection of processes, materials and methods that inform creative and academic practice.

Related Principle: COLLABORATE

LO 7 Employability

Evidence nurturing professional transferable and employability skills, including the ability to manage time and work to clear briefs and deadlines, respond to set goals, and communicate effectively.

Related Principle: CULTIVATE

Learning and Teaching Methods

This unit will be delivered using a combination of:

- Briefings
- Lectures
- Project work
- Workshops
- Debate
- Online activity
- Group presentations and critiques
- Self-directed independent study

Assessment methods and tasks

Assessment tasks	Weighting (%) <i>(one grade or multi-grade unit)</i>
Project Work	100% Tasks are likely to include: <ul style="list-style-type: none">• A collection of edited short films / documentaries• A personal essay

Indicative Assessment Criteria

Evidence of engagement with tests and solutions, informed by knowledge of the principles of the technical process. (LO 3)

Evidence of decision-making in the application of processes that deliver technical outcomes (LO 4)

Evidence of a range of professional competencies including: clear understanding of the brief, communication skills, time management, and meeting deadlines (LO 7)

Essential Reading list

1. Grant, A & Meadows, J. (2012) Communication Technology Update and Fundamentals, Routledge
2. Paulsen, K. (2017) Moving Media Storage Technologies: Applications & Workflows for Video and Media Server Platforms, Focal Press
3. Piccin, V & Weynand, D. (2015) How Video Works: From Broadcast to the Cloud, Focal Press.
4. Rose, J. (2009) Audio Postproduction for Film and Video, Second Edition, Focal Press