

MODULE SPECIFICATION

1. **Title of the module:** Compositing 1 – PRSN7013
2. **School or partner institution which will be responsible for management of the module:** Escape Studios, Pearson College London
3. **The level of the module (e.g. Level 4, Level 5, Level 6 or Level 7):** Level 7
4. **The number of credits and the ECTS value which the module represents:** 30 credits (15 ECTS)
5. **Which term(s) the module is to be taught in (or other teaching pattern):** Autumn or Spring
6. **Prerequisite and co-requisite modules:** None
7. **The programmes of study to which the module contributes:** MA Visual Effects Production (Compositing)
8. **The intended subject specific learning outcomes**
On successfully completing the module students will be able to...
 - 8.1 demonstrate systematic knowledge and understanding of the theory and concepts of articulated rotoscoping, colour correction, rig removal and keying composites of moving and still images in a visual effects production environment.
 - 8.2 critically evaluate and select production tools and techniques to seamlessly integrate varied photorealistic stills and moving 2D elements into an image sequence.
 - 8.3 use production tools and techniques to seamlessly composite varied photoreal complex still and moving 2D elements for a visual effects production.
9. **The intended generic learning outcomes.**
On successfully completing the module students will be able to:
 - 9.1 manage time and resource to complete tasks to a given deadline
 - 9.2 communicate creative and technical information to a variety of audiences.
10. **A synopsis of the curriculum**
The foundations and theories of compositing
Merging layer & image channel operations
Transformations
1, 2 & 4-point 2D tracking
Articulated rotoscoping of organic & inanimate objects
Articulate paint and procedural rig removal techniques
Colour theory and colour correction
Keying & edge treatment integration
11. **Reading List (Indicative list, current at time of publication. Reading lists will be published annually).**
The VES Handbook of Visual Effects: Industry Standard VFX Practices and Procedures, Susan Zwerman and Jeffrey A. Okun (eds), Focal Press, ISBN 0240825187
[Digital] Visual Effects and Compositing, Jon Gress, New Riders, ISBN 0321984382
Nuke User Guide [<http://www.thefoundry.co.uk/products/nuke/user-guides/>]
Nuke 101: Professional Compositing and Visual Effects, Ron Ganbar, Peachpit Press, ISBN 978-0321733474

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The Art and Science of Digital Compositing, Ron Brinkmann, Morgan Kaufmann, ISBN 978-0121339609

12. Learning and Teaching methods

Students undertake direct instruction from tutors in theory and practice in the context of the discipline, supported by directed reading and study. Practice and practical work in a studio environment is supervised by tutors and supported by studio assistants. Additional materials and support is provided through the VLE.

Tutor-led studio sessions: 135 hours

Studio assistant supported practice: 45 hours

Directed study: 120 hours

13. Assessment methods.

Coursework 50%

This is a practical project involving compositing 2D elements (LO 8.1, 8.2, 8.3, 9.1)

Production logbook (3000 words) 40% (LO 8.1, 8.2, 9.1)

Individual presentation (15 minutes) 10% (LO 8.1, 8.2, 9.2)

13.2 reassessment methods

14. Map of Module Learning Outcomes (sections 8 & 9) to Learning and Teaching Methods (section 12) and methods of Assessment (section 13)

| Module learning outcome | | 8.1 | 8.2 | 8.3 | 9.1 | 9.2 |
|-------------------------------------|-----------------|-----|-----|-----|-----|-----|
| Learning/ teaching method | Hours allocated | | | | | |
| Tutor-led studio sessions | 135 | 30 | 45 | 60 | | |
| Studio assistant supported practice | 45 | | 15 | 30 | | |
| Directed Study | 120 | 60 | | | 30 | 30 |
| Assessment method | | | | | | |
| Coursework | | ✓ | ✓ | ✓ | ✓ | |
| Logbook | | ✓ | ✓ | | ✓ | |
| Presentation | | ✓ | ✓ | | | ✓ |

15. Inclusive module design

The Collaborative Partner recognises and has embedded the expectations of current disability equality legislation, and supports students with a declared disability or special educational need in its teaching. Within this module we will make reasonable adjustments wherever necessary, including additional or substitute materials, teaching modes or assessment methods for students who have declared and discussed their learning support needs. Arrangements for students with declared disabilities will be made on an individual basis, in consultation with the Collaborative Partner's disability/dyslexia student support service, and specialist support will be provided where needed.

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16. Campus(es) or Centre(s) where module will be delivered:

Escape Studios

17. Internationalisation:

Visual effects is by its nature an international discipline, and learning resources, materials and directed learning will include resources, examples and case studies from across the world.

18. Partner College/Validated Institution:

Escape Studios, Pearson College London

19. University School responsible for the programme:

Engineering & Digital Arts

FACULTIES SUPPORT OFFICE USE ONLY

Revision record – all revisions must be recorded in the grid and full details of the change retained in the appropriate committee records.

| Date approved | Major/minor revision | Start date of the delivery of revised version | Section revised | Impacts PLOs (Q6&7 cover sheet) |
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