



UNIVERSITY OF
LINCOLN

Department of Computing & Informatics

Assessment Component Briefing Document

**Title: MTE3005/6 Digital Special Effects
Component 3 Analysis of technologies**

Indicative Weighting: 25%

Learning Outcomes:

On successful completion of this component a student will have demonstrated competence in the following areas:

- [LO1] capture, create and critically evaluate blue screen creative technology assets
- [LO2] critically review, select, utilise and evaluate motion capture data;
- [LO3] synthesise media technology assets with compositing software;
- [LO4] apply and evaluate post-production filters and plug-ins.

Requirements

Analysis of technologies

This is an individual assignment where you need to analyse and critically evaluate the technologies and frameworks related to: Chroma Key, motion tracking and capture, filters, compositing and other aspects relating to the learning outcomes.

You are required to produce an individual assignment document which demonstrates your understanding of these areas. This should be 1500 - 3000 words long.

You should be looking into and reviewing the technologies and techniques used for each section, giving examples of its use.

Areas that you should included but not limited to are:

- Types of chroma key technologies
 - The different forms that this could take
- How motion tracking can and is used
 - In what way can the data but used after motion tracking
- Compositing software
 - The pipe line – when do you do it?
 - What is needed to create a good composition
- Filters
 - How and when are they used
 - What are the consideration when using filters and plug-ins

This is not and exclusive list and other elements are expected to be included.

This is not a log of component 1 and 2 but they could be used as some of your examples to help explain points.

Please refer to the CRG when writing the individual document.

If there are any questions about what is required in the document that you don't understand please contact your tutor.

Useful Information

This assessment has an individual component. Your work must be presented according to the Department of Computing and Informatics guidelines for the presentation of assessed written work. Please make sure you have a clear understanding of the grading principles for this component as detailed in the accompanying Criterion Reference Grid.

If you are unsure about any aspect of this assessment component, please seek the advice of a member of the delivery team.

Submission Instructions

The deadline for submission of this work is included in the Departmental Submission dates on Blackboard.

The documents are to be handed in via blackboard and should be 1500 - 3000 words.

DO NOT include this briefing document with your submission.