** LEYTON SIXTH FORM COLLEGE – CENTRE NO: 13409**

**DEPARTMENT: COMPUTING AND IT**

**COURSE: BTEC EXTENDED DIPLOMA IN IT - ACADEMIC YEAR 2012-2013**

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| **Unit No: 30 Unit Name: Digital Graphics**  **Internal Verifier: Date Verified:** | | | | | | | |
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| **Assignment No: # Assignment Title: Image production and associated issues**  **Assignment Given Out: Assignment Submission Date: 14th June 2014**  **Learning Outcome: LO1, LO2, LO3, LO4** | | | | | | | |
| **Task** | **Unit** | **Grading Criteria**  **Reference** | **Grading Criteria** | **Review Date** | **Grade Awarded** | **Date Achieved** | **Page No#** |
|  |  | **P4:** | create original graphic images to meet a defined user need | 10th June 2014 |  |  |  |
|  |  | **P5:** | modify images as a result of user feedback | 10th June 2014 |  |  |  |
|  |  | **P6:** | explain the potential legal implications of using and editing graphical image | 10th June 2014 |  |  |  |
|  |  | **D2:** | discuss the impact that file format, compression techniques, image resolution and colour depth have on file size and image quality. | 10th June 2014 |  |  |  |
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| **Assignment Rules:**  Any work submitted after the deadline may not be marked. | | | | | | | |
| **Student declaration**  I declare that all of the work submitted for this assignment is my own work or, in the case of group work, the work of myself and the other members of the group in which l have worked has not been copied from any source. I understand that if any part of the work submitted for this assignment is found to be plagiarised, none of the work submitted will be allowed to count towards the assessment of the assignment.  **Student Signature: Date:**  **Assessor Signature: Date**: | | | | | | | |

Task 5

**P4: create original graphic images to meet a defined user need**

For P4, you should create 3 original images to display on the front cover page of the printed and online versions of the newspaper advertising:

* **A sporting event**
* A fashion show
* **A concert**
* A community event
* **New movie release**

For each graphic you need to define the user need:

***User need*:** client needs; target audience; user requirements; constraints e.g. house style, image size, intended use, file size, production costs, timescale; output media; user feedback

You must use the following tools to create the graphics:

***Graphic creation*:** image e.g. scanning, importing, digital camera; image creation e.g. free hand draw, assemble shapes, pre-existing material

Produce screen prints or print outs of your completed graphics clearly labelling the creation and editing tools used.

Task 6  
  
**P5: modify images as a result of user feedback**

For P5, you must be given feedback from ‘users’, which in this case may be the tutors’ or other learners’ responses to the graphics produced. You should then modify designs based on this feedback and be able to explain the desired effect of these alterations. You may wish to design and use feedback forms.

Produce screen prints or print outs of your graphics after they have been modified clearly labelling the changes made with reasons.

***Reviewing*:** checking e.g. against client need, against user need; proofing; image resolution; file formats; other e.g. speed of loading

Task 7  
  
**P6: explain the potential legal implications of using and editing graphical image**

P6 is purely theoretical; you need to explain some of the legal pitfalls in using and editing graphics. Essentially, this is about copyright issues and gaining permission to use copyright products. This could be presented as a leaflet.

***Legislation and guidelines*:** as appropriate e.g. identifying ownership, copyright, copyright free, gaining permissions

Task 8

**D2: discuss the impact that file format, compression techniques, image resolution and colour depth have on file size and image quality.**

For D2, you need to use different file formats, different compression techniques, different image resolutions and different colour depths, and for each show the final file sizes and the differences between.

Some will of course be more significant than others. You can receive guidance in selecting each attribute type but thereafter must produce the files and the comparison independently. You need to reflect on what you have used in creating the three associated images. Your tutor may supply you a different set of images and a list of the tools, file formats, image resolutions and colour depth used, and you can work with those.