



BTEC First Diploma

ICT Graphics

Assignment 1: Update Hardware & Software

Date Out: 12/03/2007 Deadline: 30/03/2007

Student Name: _____

Date handed in: _____

Grading Evidence

It is possible to achieve credits for the following from this assignment.

Criteria	Grading Content	Tick
P1	Describe what hardware and software is needed to create and edit images	
P2	Describe with examples, the uses of and differences between bitmap and vector graphics	
M1	Explain the limitations of three different software packages in respect of the ability to create and edit graphic images	
M2	Compare two different hardware devices and associated software that are used to acquire graphic images in terms of the images they can produce	

Assignment Feedback

Student Comments

Internal Verifier Comments:

Signed: _____

Date: _____



You are currently employed as a junior image consultant in the Marketing department of a fairly small recording label called 'Conclusive Rap' or 'C-Rap' for short. The recording label has been on a bit of a downhill slide

for the last two years ever since the company lost their main recording artists 'P-Dodgy' and '6Pac' who walked out and joined your main rival 'Sonee'. Also, the last few artists you have signed up are not rap artists at all, and are more main-stream.

Rumours in the music industry are that 'C-Rap' (or "Crap" as you are now being called) is just a joke label.

Management at 'C-Rap' have decided to go for a complete face-lift and a name change in order to shake off the current bad image and re-launch themselves as a serious record label. Your Marketing department is in the spotlight now and the pressure is on to come up with a brand new corporate image. This includes a new name and new company logo. Large cash bonuses have been offered should your team succeed!

[Phase One is to update the department's hardware & software.](#)

Since you have very good I.T. skills, it has been left to you update the current graphics equipment in the department, ready for the new designs:

- P2 **Task 1:** In the future you are going to need to produce both vector and bitmap graphics in order to promote the new company image. So create a presentation for your manager describing (using several examples of each) what the differences are between the two types of graphics and what they can be used for.
- P1 **Task 2:** Select a range of hardware and software that you think are important for creating and editing graphic images; and add descriptions of their purposes to your presentation.
- M1 **Task 3:** Pick three software packages and for each one, explain what they can and can't do for creating and editing graphic images. Put this into a report.
- M2 **Task 4:** Pick two graphic input devices such as a camera, phone-camera or scanner, (including the software that comes with them) and compare the sorts of images they can produce. Add this to your report.

Grading Advice

You can find out a lot about graphics, along with hardware and software reviews from the internet. However, there is a temptation to rely too much on descriptions from websites and from handouts when writing your assignments. In order to pass this assignment it is absolutely essential that you produce your own work in your own words. It's your ideas and opinions that count – a cut and paste job scores zero and will be given back unmarked.