

**286/3**

Original:  
1999

Revised:  
November  
2000



# GRAPHICS TECHNOLOGY

(Year 12 E286)

*Common Assessment Tasks*

# Index of Common Assessment Task Booklet

## *Graphics Technology (Year 12) - E286*

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# Guidelines for the Common Assessment Tasks

## *Graphics Technology (Year 12) - E286*

This package contains the requirements for the six Common Assessment Tasks Graphics Technology (Year 12). The specific content of each task is to be determined by the school provider dependent upon the mode of delivery by the teacher.

Each task description is presented with the following headings:

**1. *Outcomes***

The teacher has the flexibility to select from the Visual Communication - Graphics Technology outcomes those to be assessed in each task. On completion of the subject the student must have been provided with at least two opportunities to demonstrate achievement in each outcome.

**2. *Task***

The task to be completed.

**3. *Task Description***

The Task Description outlines what requirements are necessary for the students to complete the task. In most cases, it provides guidelines for the teacher to ensure that the major focus of the task has been understood.

**4. *Task Parameters***

The Task Parameters determine the context and conditions in which the task is to be carried out.

**5. *Authentication***

This section relates to the requirements of the student and the teacher in ensuring the task has been completed by the student. It is important that the teacher is able to authenticate all work completed for assessment by the student.

**6. *Performance Criteria***

Each outcome is assessed against the Performance Criteria to determine the level of student achievement.

# Record of Performance

## *Graphics Technology (Year 12) E286*

| OUTCOME   | Task<br>1 | Task<br>2 | Task<br>3 | Task<br>4 | Task<br>5 | Task<br>6 | FINA<br>L |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| <b>Outcome 1:</b><br>Demonstrates and applies selected elements and principles of design to specific projects             |           |           |           |           |           |           |           |
| <b>Outcome 2:</b><br>Displays methodology, initiative, flexibility and persistence in solving problems.                   |           |           |           |           |           |           |           |
| <b>Outcome 3:</b><br>Carries out a variety of roles independently and collaboratively to achieve identified goals.        |           |           |           |           |           |           |           |
| <b>Outcome 4:</b><br>Uses appropriate resources relevant to the design and production requirements of a graphic product.  |           |           |           |           |           |           |           |
| <b>Outcome 5:</b><br>Demonstrates understanding of production parameters and graphics medium used in product development. |           |           |           |           |           |           |           |
| <b>Outcome 6:</b><br>Presents solutions in verbal, graphical and written form.  |           |           |           |           |           |           |           |
| <b>FINAL GRADE</b>  |           |           |           |           |           |           |           |

# Task 1: Desktop Publishing

Curriculum Council requirements are outlined below. Evidence must be provided to demonstrate student achievement of each of the selected outcomes.

## *Outcomes*

The teacher has the flexibility to select from the Graphics Technology outcomes those to be assessed in each task. On completion of the subject the student must have been provided with at least two opportunities to demonstrate achievement in each outcome.

## *Task*

Compile a brochure, booklet or magazine which include multiple columns, text wrapping and modified and/or enhanced images.

## *Task Description*

This task requires students to:

- use a design process in the planning, production and appraisal of the product;
- gather the data required for the layout;
- use a design process to plan and produce images demonstrating understanding of the general principles of composition, together with the application of specific elements such as shape, form, texture, pattern etc;
- produce developmental and planning drawings of sufficient quality so that all who preview them will have an understanding of the development and final layout of the product;
- use software appropriate to the requirements of the project and data;
- proof read and spell check the final drafts;
- produce final copy that is suitable and of sufficient quality for the print medium to be used;
- carry out a print run and collate and assemble / fold an appropriate number of brochures, booklets, or magazine.

## *Task Parameters*

This task can be presented in the following manner:

- The teacher presenting an appropriate schedule of work to achieve the task requirements.
- The teacher and student negotiating a topic to adequately demonstrate the task requirements.

## *Authentication*

The following authentication procedures will apply:

- the teacher will monitor student progress;
- the teacher may feel it appropriate to have individual students directly demonstrate correct handling and use of equipment and materials;
- the student should retain for inclusion in his/her folio of work (see “Evidence of Achievement”), all relevant documentation relating to the task including research material, design work if applicable (sketches and diagrams, plans, etc.), technical data, and images produced;
- information collected from other sources (ie. not the student’s own work) must be acknowledged.

## *Performance Criteria*

Each outcome is assessed against the Performance Criteria to determine the level of student achievement.

## **Task 2: Image Production**

Curriculum Council are outlined below. Evidence must be provided to demonstrate student achievement of each of the selected outcomes.

### ***Outcomes***

The teacher has the flexibility to select from the Graphics Technology outcomes those to be assessed in each task. On completion of the subject the student must have been provided with at least two opportunities to demonstrate achievement in each outcome.

### ***Task***

Construct images through the use of layers, masks, and filters suitable for printing, display or publishing to the WWW.

### ***Task Description***

This task requires the students to:

- Research and develop ideas presented in both written and graphical form;
- produce several images that show competence in:-
  - producing original digital images using such processes as digital photography, scanning original photographic prints or producing original digital artwork on the computer
  - cut and pasting a number of images together to form on composite image
  - the application of layers, masks and filters to those images
  - the selection and application of appropriate print quality adjustments
  - selecting and applying correct printer options to produce good quality final prints;
- written work may be presented as an integral part of practical exercises, or as discrete units.

### ***Task Parameters***

This task can be presented in the following manner:

- The teacher presenting an appropriate schedule of work to achieve the task requirements.
- The teacher and student negotiating a topic to adequately demonstrate the task requirements.

### ***Authentication***

The following authentication procedures will apply:

- the teacher will monitor student progress;
- the teacher may feel it appropriate to have individual students directly demonstrate correct handling and use of equipment and materials;
- the student should retain for inclusion in his/her folio of work (see “Evidence of Achievement”), all relevant documentation relating to the task including research material, design work if applicable (sketches and diagrams, plans, etc.), technical data, and images produced;
- information collected from other sources (ie. not the student’s own work) must be acknowledged.

### ***Performance Criteria***

Each outcome is assessed against the Performance Criteria to determine the level of student achievement.

## **Task 3: Computer 3D Graphic / Animation**

Curriculum Council requirements are outlined below. Evidence must be provided to demonstrate student achievement of each of the selected outcomes.

### ***Outcomes***

The teacher has the flexibility to select from the Graphics Technology outcomes those to be assessed in each task. On completion of the subject the student must have been provided with at least two opportunities to demonstrate achievement in each outcome.

### ***Task***

Produce a 3D Graphic or 3D Animation that includes surface texture and an environment in which it is placed.

### ***Task Description***

This task requires the students to:

- use a design process to plan and produce images demonstrating understanding of the general principles of composition, together with the application of specific elements such as shape, form, texture, pattern etc;
- use a design process in the planning, production and appraisal of the product;
- develop the image parameters appropriate to its function eg. Video, WWW, Multi Media;
- use appropriate software for the construction and assembly of the 3D Graphics / Animation;
- appraise images produced in terms of visual design and appropriateness of technical decisions;
- publish the image.

During the development of this task the teacher should act as facilitator, guiding the analysis of collected and/or supplied images and production of the student's photographs, and assisting in the location of resources where necessary.

### ***Task Parameters***

This task can be presented in the following manner:

- The teacher presenting an appropriate schedule of work to achieve the task requirements.
- The teacher and student negotiating a topic to adequately demonstrate the task requirements.

### ***Authentication***

The following authentication procedures will apply:

- the teacher will monitor student progress;
- the student should retain for inclusion in his/her folio of work (see "Evidence of Achievement"), all relevant documentation relating to the task including research material, design work if applicable (sketches and diagrams, plans, etc.), technical data, and images produced;
- information collected from other sources (ie. not the student's own work) must be acknowledged.

### ***Performance Criteria***

Each outcome is assessed against the Performance Criteria to determine the level of student achievement.

## **Task 4: Web Page Design**

Curriculum Council requirements are outlined below. Evidence must be provided to demonstrate student achievement of each of the selected outcomes.

### ***Outcomes***

The teacher has the flexibility to select from the Graphics Technology outcomes those to be assessed in each task. On completion of the subject the student must have been provided with at least two opportunities to demonstrate achievement in each outcome.

### ***Task***

The site should contain animations, wav/avi/gif files, and students' own constructed images. Sites should consist of multiple pages demonstrating good graphic design and contain multiple links or hyperlinks.

### ***Task Description***

This task requires students to:

- use a design process to plan the production demonstrating understanding of the general principles of composition, together with the application of specific elements such as shape, form, texture, pattern etc;
- use a design process in the planning, production and appraisal of the product;
- develop animations;
- digitise and edit wav. Files;
- construct, edit and produce avi. or mov. Files;
- develop multiple pages and links within the production;
- publish the production.

Teaching during the preparation of these assignments may incorporate appropriate literacy skilling including research techniques, note-taking and summarising and use and spelling of technical terminology.

### ***Task Parameters***

This task can be presented in the following manner:

- The teacher presenting an appropriate schedule of work to achieve the task requirements.
- The teacher and student negotiating a topic to adequately demonstrate the task requirements.

### ***Authentication***

The following authentication procedures will apply:

- the teacher will monitor student progress;
- the student should retain for inclusion in his/her folio of work (see "Evidence of Achievement");
- information collected from other sources (ie. not the student's own work) must be acknowledged.

### ***Performance Criteria***

Each outcome is assessed against the Performance Criteria to determine the level of student achievement.

## **Task 5: Product Design**

Curriculum Council requirements are outlined below. Evidence must be provided to demonstrate student achievement of each of the selected outcomes.

### ***Outcomes***

The teacher has the flexibility to select from the Graphics Technology outcomes those to be assessed in each task. On completion of the subject the student must have been provided with at least two opportunities to demonstrate achievement in each outcome.

### ***Task***

Develop and produce a product that uses the design and production techniques available to the graphics student. These may include video clips, tee shirt designs or prints, or packaging and/or manufacturing of a product.

### ***Task Description***

This task requires the students to:

- use a design process to plan and produce images demonstrating understanding of the general principles of composition, together with the application of specific elements such as shape, form, texture, pattern etc;
- use a design process in the planning, production and appraisal of the product.

### ***Task Parameters***

This task can be presented in the following manner:

- The teacher presenting an appropriate schedule of work to achieve the task requirements.
- The teacher and student negotiating a topic to adequately demonstrate the task requirements.

### ***Authentication***

The following authentication procedures will apply:

- the teacher will monitor student progress;
- the student should retain for inclusion in his/her folio of work (see “Evidence of Achievement”), all relevant images and documentation relating to the task (eg. research and/or theory material, image analyses, technical data, etc.);
- information collected from other sources (ie. not the student’s own work) must be acknowledged.

### ***Performance Criteria***

Each outcome is assessed against the Performance Criteria to determine the level of student achievement.

## **Task 6: Printing**

Curriculum Council requirements are outlined below. Evidence must be provided to demonstrate student achievement of each of the selected outcomes.

### ***Outcomes***

The teacher has the flexibility to select from the Graphics Technology outcomes those to be assessed in each task. On completion of the subject the student must have been provided with at least two opportunities to demonstrate achievement in each outcome.

### ***Task***

Produce print runs using two current print technologies. Editions should show good and consistent print quality and registration

### ***Task Description***

This task requires the students to:

- produce a screen print run of a minimum of 10 prints / or a print run of 50 prints using other print technologies;
- prepare the image for production;
- set up the print machinery for the print run;
- select appropriate stock for the print run;
- register and proof print;
- carry out the print run showing print quality control and adjustment if necessary;
- cleaning up the print machinery and preparing for down time;
- distribute and / or market the final prints.

### ***Task Parameters***

This task can be presented in the following manner:

- The teacher presenting an appropriate schedule of work to achieve the task requirements.
- The teacher and student negotiating a topic to adequately demonstrate the task requirements.

### ***Authentication***

The following authentication procedures will apply:

- the teacher will monitor student progress;
- the student should retain for inclusion in his/her folio of work (see "Evidence of Achievement") all relevant images, and documentation relating to the task (eg. research and/or theory material, image analyses, technical data, etc.);
- information and images collected from other sources (ie. not the student's own work) must be acknowledged.

### ***Performance Criteria***

Each outcome is assessed against the Performance Criteria to determine the level of student achievement.

# GRADING COMBINATIONS

## *Graphics Technology (Year 12) - E286*

| V | H | S | ND | GRADE |
|---|---|---|----|-------|
| 6 | 0 | 0 | 0  | A     |
| 5 | 1 | 0 | 0  | A     |
| 5 | 0 | 1 | 0  | A     |
| 4 | 2 | 0 | 0  | A     |
| 4 | 1 | 1 | 0  | A     |
| 3 | 3 | 0 | 0  | A     |
| 3 | 2 | 1 | 0  | A     |

| V | H | S | ND | GRADE |
|---|---|---|----|-------|
| 4 | 0 | 2 | 0  | B     |
| 3 | 1 | 2 | 0  | B     |
| 3 | 0 | 3 | 0  | B     |
| 2 | 4 | 0 | 0  | B     |
| 2 | 3 | 1 | 0  | B     |
| 2 | 2 | 2 | 0  | B     |
| 2 | 1 | 3 | 0  | B     |
| 1 | 5 | 0 | 0  | B     |
| 1 | 4 | 1 | 0  | B     |
| 1 | 3 | 2 | 0  | B     |
| 1 | 2 | 3 | 0  | B     |
| 0 | 6 | 0 | 0  | B     |
| 0 | 5 | 1 | 0  | B     |
| 0 | 4 | 2 | 0  | B     |
| 0 | 3 | 3 | 0  | B     |

| V | H | S | ND | GRADE |
|---|---|---|----|-------|
| 2 | 0 | 4 | 0  | C     |
| 1 | 1 | 4 | 0  | C     |
| 1 | 0 | 5 | 0  | C     |
| 0 | 2 | 4 | 0  | C     |
| 0 | 1 | 5 | 0  | C     |
| 0 | 0 | 6 | 0  | C     |

**NOTE: A FINAL RATING OF “ND” FOR ANY OUTCOME WILL RESULT IN A GRADE OF “D” BEING AWARDED. WHERE THERE ARE MORE THAN 50% OF OUTCOMES WITH A FINAL RATING OF “ND” AN “E” GRADE IS AWARDED.**