UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIONS
Cambridge International Diploma in ICT
Foundation Level

CREATING CHARTS   **5182/A**

Optional Module: Practical Assessment

2004

No Additional Materials are required

45 minutes
and 15 minutes reading time

READ THESE INSTRUCTIONS FIRST

Candidates are permitted **15 minutes** reading time before attempting the paper.

Make sure that your name, centre number and candidate number are shown on each printout that you are asked to produce.

Carry out **every** instruction in each task.

Tasks are numbered on the left hand side of the page, so that you can see what to do, step by step. On the right hand side of the page for each task, you will find a box which you can tick (✓) when you have completed the task; this checklist will help you to track your progress through the assessment.

Before each printout you should proof-read the document to make sure that you have followed all instructions correctly.

At the end of the assignment put **all** your printouts into the Assessment Record Folder.

[Turn over

You work for a company called Hothouse Design. You are going to use data on the sales of stationery to create a number of charts.

PIE CHART

		✔	
1	Using a suitable software package, load the file **FCCA4DAT.CSV**	☐	**1.1.1**
2	Produce a pie chart showing only the number of *Sales 2003* for each *Product Type*. Do not include the *Grand Total.*	☐	**2.1.1**
3	Include labels for each *Product Type* and show the percentage for each of the segments.	☐	**2.1.2** **2.1.3**
4	Include **Sales 2003** as the title.	☐	**2.1.1**
5	Include your name on the chart. Save your work with a new filename. Print the chart ensuring that all labels are visible.	☐	**3.1.1**

BAR CHART

6	Use the file **FCCA4DAT.CSV** to produce a bar chart which shows a comparison of *Sales 2002* and *Sales 2003* for each *Product Type*. Do not include the *Orders* or *Sales Value* data. Do not include the *Grand Total* data. Include a title **Sales Analysis**	☐	**2.2.1**
7	Show the names of the products on the category axis. Label the category axis **Product** Label the value axis **Sales**	☐	**2.2.2**
8	Include a legend on the chart labelled to identify the two sets of data.	☐	**2.2.2**
9	Include your name on the chart. Save your work with a new filename. Print the chart ensuring that all labels are visible.	☐	**3.1.1**

LINE GRAPH

10	Use the file **FCCA4DAT.CSV** to produce a line graph which shows the value of sales for the years *1999* to *2003* Include a title **Sales Trends**	☐	**2.3.1**
11	Show the years on the category axis. Label the category axis **Year** Label the value axis **Value of Sales**	☐	**2.3.2**
12	Include your name on the chart. Save your work with a new filename. Print the chart ensuring that all labels are visible.	☐	**3.1.1**

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You work for a company called Hothouse Design. You are going to use data on the company's recent contracts to create a number of charts.

PIE CHART

		✔	

1   Using a suitable software package, load the file **FCCB4DAT.CSV**   ☐   **1.1.1**

2   Produce a pie chart showing only the number of *Contracts 2003* for each *Project Team*.   ☐   **2.1.1**

3   Include labels for each *Project Team* category and show the percentage for each of the segments.   ☐   **2.1.2** **2.1.3**

4   Include **Projects by Team** as the title.   ☐   **2.1.1**

5   Include your name on the chart. Save your work with a new filename. Print the chart ensuring that all labels are visible.   ☐   **3.1.1**

BAR CHART

6   Use the file **FCCB4DAT.CSV** to produce a bar chart which shows a comparison of the number of *Contracts 2002* and *Contracts 2003* for each *Project Team* category.
Do not include the *Cost, Income* or *Customers* data.

Include a title **Analysis of Contracts**   ☐   **2.2.1**

7   Show the *Project Team* names on the category axis. Label the category axis **Project Team**

Label the value axis **Number**   ☐   **2.2.2**

8   Include a legend on the chart labelled to identify the two sets of data.   ☐   **2.2.2**

9   Include your name on the chart. Save your work with a new filename. Print the chart ensuring that all labels are visible.   ☐   **3.1.1**

LINE GRAPH

10   Use the file **FCCB4DAT.CSV** to produce a line graph which shows the number of projects per month for the period *April* to *September* only.

Include a title **Projects Per Month**   ☐   **2.3.1**

11   Show the months on the category axis.

Label the category axis **Month**

Label the value axis **Number**   ☐   **2.3.2**

12   Include your name on the chart. Save your work with a new filename. Print the chart ensuring that all labels are visible.   ☐   **3.1.1**