

Brief Tour of Online Resources

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Middlesex University UniHub Accessibil

Build Teach **Student View** **STX1125 Business statistics**

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STX1145 Quantitative Methods and Applications for Business Management




[Module Content](#)
In this folder you will find all the resources for this module, including module notes, seminar solutions, lab material and online lectures.

You will also



[Need help using OASISplus?](#)
OASISplus is quite easy and intuitive to use - you are already using, after all. But if you need help or advice on how to use some of the more



[BPP Understanding Business Maths](#)
This online tutorial covers many of the topics we study on this module, including basic algebra, probability, summarising data and regression.

Module Content Folder

Middlesex University UniHub

Build Teach Student View


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Module notes

This folder contains web-based versions of the lecture notes. You can use this instead of the printed notes to read through the lecture material and do the seminar excercises.

Lecture slides

For some lectures, PowerPoint slides are made available to students, as well as the lecture notes. Where they are available, you will find electronic copies of them in this folder.

Extra Activities

The activities on these web pages give you a chance to practice similar exercises to the seminar questions.

Lab material

In this folder you will find the data files you need for the module lab sessions.

Seminar questions - Solutions

In this folder you will find solutions to the seminar

Online Notes

The screenshot displays the Middlesex University UniHub interface. At the top left is the university's logo and name. The main header includes 'UniHub' and 'STX1125 Business Statistics (HEN, Part of Te...'. Below this are navigation tabs for 'Build', 'Teach', and 'Student View'. A breadcrumb trail shows the user's location: Home Page > Module Content > Module notes > Units 1 - 10 > Unit 1 > Collecting Data. The main content area features a large heading 'Collecting Data 1' and a sub-heading 'Context'. The context text explains that statistics involves scientific methods for data collection and analysis, often used for decision-making with incomplete information. A red arrow points to the bottom of the page. The footer contains the copyright notice: Copyright 2007 Middlesex University. All Rights Reserved.

Middlesex University UniHub

Build Teach Student View

STX1125 Business Statistics (HEN, Part of Te...

Your location: [Home Page](#) > [Module Content](#) > [Module notes](#) > [Units 1 - 10](#) > [Unit 1](#) > [Collecting Data](#)

Collecting Data 1

Context

Statistics is concerned with scientific methods for collecting, summarising, presenting and analysing data (information) which may be numerical or non numerical. Quite often we need to make decisions, or draw valid conclusions when we are given incomplete information. For example, we may need to say something about the total sales of a company when we only have a small selection of the company's invoices. Statistical methods can help you make the 'best decision' or draw the 'most reasonable' conclusion.

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Related Quizzes for each Section

The screenshot displays the UniHub interface for Middlesex University. At the top left is the university logo and name. The main header includes 'UniHub' and 'STX1125 Business Statistics (HEN, Part of Term)'. A navigation bar shows 'Build', 'Teach', and 'Student View'. A left sidebar lists 'Course Tools' such as Course Content, Announcements, Assessments, Assignments, Calendar, Discussions, Learning Modules, MDX email, Media Library, SCORM, Syllabus, Web Links, Who's Online, Goals, and Roster, along with 'My Tools' and 'My Grades'. The main content area shows a breadcrumb trail: 'Your location: Home Page > Module Content > Extra Activities > Activities for Units 1 - 10 > Unit 1: Collecti Data 1 - Activities'. The title 'Collecting Data 1' is prominently displayed. Below it, the section 'Additional Content and Activities' contains the text: 'Complete the following Quiz and Questions. There are 7 questions in this formative (non-assessed) assessment with two optional questions.' A blue link '*Click here to begin quiz*' is provided. A reminder states: 'Remember to click on the [next question icon] button at the top of the screen to move onto the next question'. At the bottom, a copyright notice reads: 'Copyright 2007 Middlesex University. All Rights Reserved'.

Middlesex University UniHub

Build Teach Student View

STX1125 Business Statistics (HEN, Part of Term)

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Your location: Home Page > Module Content > Extra Activities > Activities for Units 1 - 10 > Unit 1: Collecti Data 1 - Activities

Collecting Data 1

Additional Content and Activities

Complete the following Quiz and Questions. There are 7 questions in this formative (non-assessed) assessment with two optional questions.

[*Click here to begin quiz*](#)

Remember to click on the  button at the top of the screen to move onto the next question

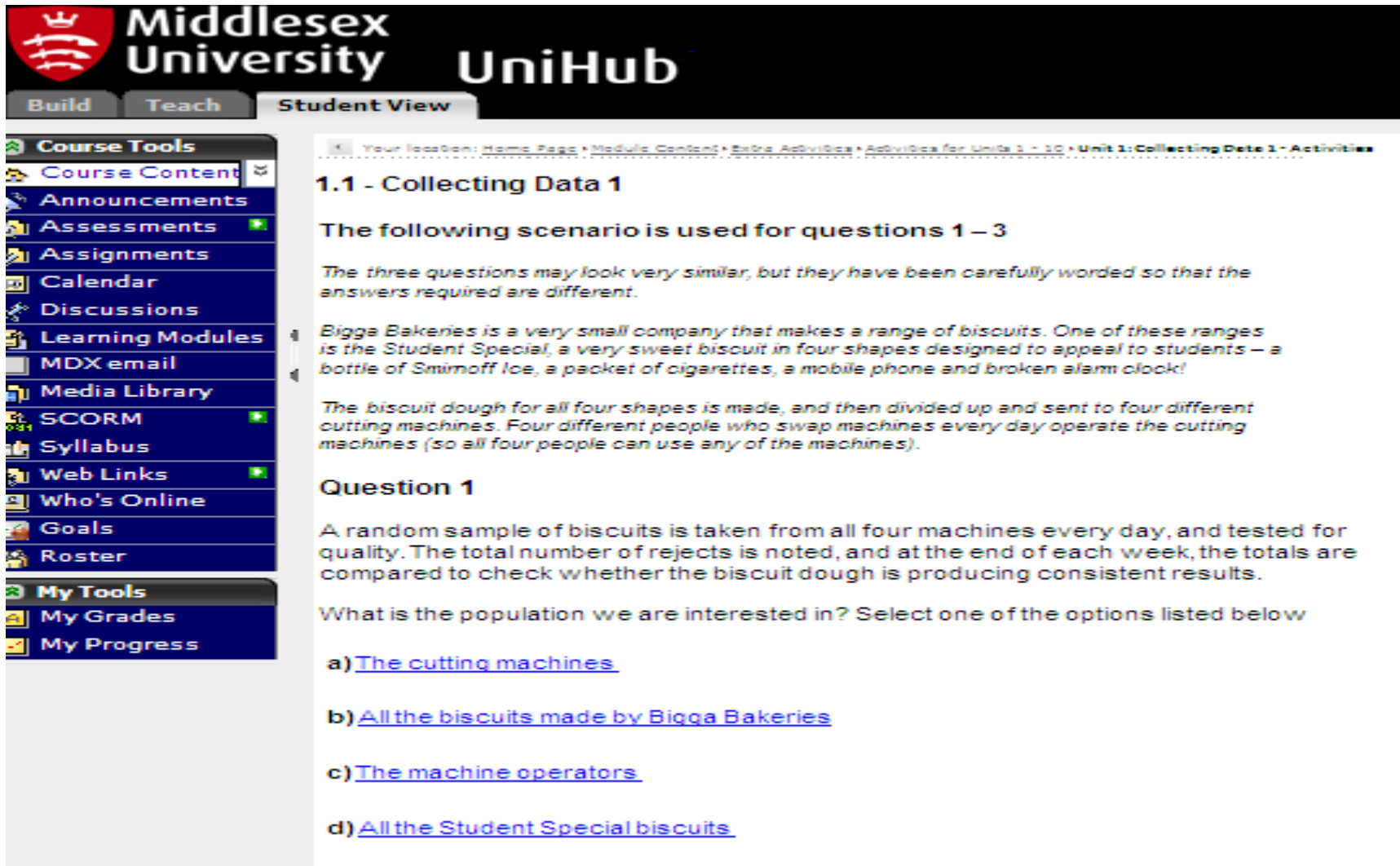
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Some of the Other Quizzes

The screenshot displays the UniHub interface for Middlesex University. The top navigation bar includes the university logo, the text "Middlesex University UniHub", and tabs for "Build", "Teach", and "Student View". The course title "STX1125 Business Statistics" is shown in the top right corner. A left-hand sidebar lists various course tools, with "Assessments" highlighted. The main content area displays a list of quizzes, each with a folder icon, a title, and start/end dates.

Quiz Title	Start Date	End Date
Reality Check Survey	05 October 2009 15:34	Unlimited
Module Feedback	09 March 2011 14:53	Unlimited
Surveys	20 September 2012 13:03	Unlimited
Contingency tables	20 September 2012 13:03	Unlimited
Representing data using diagrams	20 September 2012 13:03	Unlimited
Stem-and-leaf diagrams	20 September 2012 13:03	Unlimited
Multiple Choice Test 1 mock	20 September 2012 13:03	Unlimited
Contingency table probabilities	20 September 2012 13:11	

Example of Quiz



The screenshot shows the Middlesex University UniHub interface. At the top, there is a navigation bar with the university logo and the text "Middlesex University UniHub". Below this, there are tabs for "Build", "Teach", and "Student View". The "Student View" tab is active. On the left side, there is a sidebar menu with various course tools and my tools. The main content area displays a quiz page for "1.1 - Collecting Data 1". The page includes a breadcrumb trail, a title, a scenario description, and a question with four multiple-choice options.

Middlesex University UniHub

Build Teach **Student View**

Your location: Home Page • Module Content • Extra Activities • Activities for Units 1 - 10 • Unit 1: Collecting Data 1 • Activities

1.1 - Collecting Data 1

The following scenario is used for questions 1 – 3

The three questions may look very similar, but they have been carefully worded so that the answers required are different.

Bigga Bakeries is a very small company that makes a range of biscuits. One of these ranges is the Student Special, a very sweet biscuit in four shapes designed to appeal to students – a bottle of Smirnoff Ice, a packet of cigarettes, a mobile phone and broken alarm clock!

The biscuit dough for all four shapes is made, and then divided up and sent to four different cutting machines. Four different people who swap machines every day operate the cutting machines (so all four people can use any of the machines).

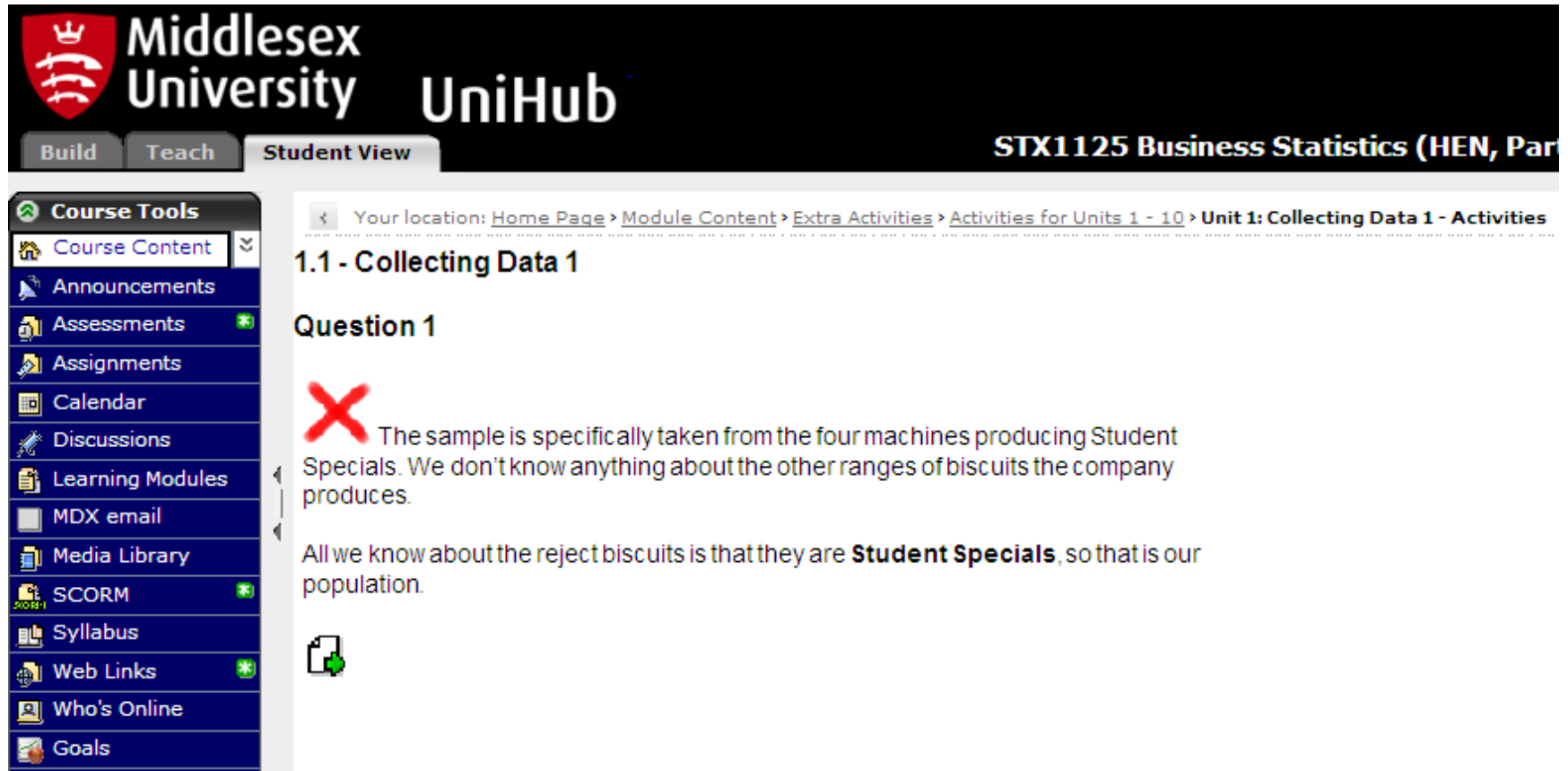
Question 1

A random sample of biscuits is taken from all four machines every day, and tested for quality. The total number of rejects is noted, and at the end of each week, the totals are compared to check whether the biscuit dough is producing consistent results.

What is the population we are interested in? Select one of the options listed below

- a) [The cutting machines.](#)
- b) [All the biscuits made by Bigga Bakeries](#)
- c) [The machine operators.](#)
- d) [All the Student Special biscuits.](#)

Tick b) (incorrect response) to get following response:



The screenshot shows the Middlesex University UniHub interface. The top navigation bar includes the university logo, the text "Middlesex University UniHub", and tabs for "Build", "Teach", and "Student View". The course title "STX1125 Business Statistics (HEN, Par" is visible on the right. A left-hand menu titled "Course Tools" lists various options like "Course Content", "Announcements", "Assessments", "Assignments", "Calendar", "Discussions", "Learning Modules", "MDX email", "Media Library", "SCORM", "Syllabus", "Web Links", "Who's Online", and "Goals". The main content area shows a breadcrumb trail: "Your location: Home Page > Module Content > Extra Activities > Activities for Units 1 - 10 > Unit 1: Collecting Data 1 - Activities". Below this is the section "1.1 - Collecting Data 1" and "Question 1". The question text is: "The sample is specifically taken from the four machines producing Student Specials. We don't know anything about the other ranges of biscuits the company produces." Below the question, there is a response: "All we know about the reject biscuits is that they are **Student Specials**, so that is our population." A red 'X' icon is placed above the question text, and a document icon with a green checkmark is placed below the response text.


Tick another incorrect response (a) to get following response:

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Tick d) (correct response) to get following response:

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Mock Multiple Choice Test

 **Middlesex University** UniHub

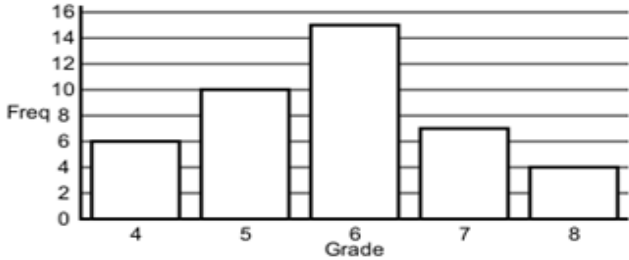
Build Teach **Student View** STX1125 Business Statistics (HE)

Representing data using diagrams

Demo Student
Started: 09 September 2013 09:36
Questions: 3

1. Bar chart (Points: 1.0)

The bar-chart below shows the salary grades of a group of employees. How many employees are there in the group?



Grade	Frequency
4	6
5	10
6	15
7	7
8	4

a. 15

b. 32


c. 6

d. 42

Check Answer

Finish Help

Feedback Example for Online Mock Test



Middlesex University

UniHub

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STX1125 Business Statistics (HEN, Part of Term

Build Teach **Student View**

Course Tools

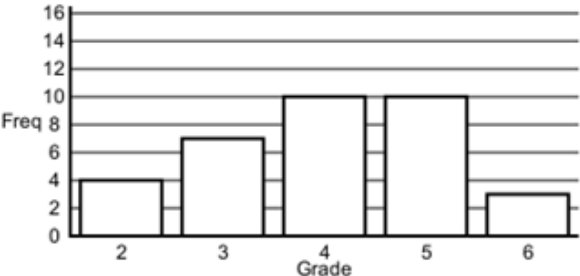
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My Tools

- My Grades
- My Progress

Grade for: Bar chart

The bar-chart below shows the salary grades of a group of employees. How many employees are there in the group?



Student Response	Value	Correct Answer	Feedback
A. 10	0%		You need to find the sum of the frequencies.
B. 4			
C. 34		✔	
D. 24			
Score:	0%		

Question Status

- Unanswered
- ❗ Answer not saved
- ✔ Answered

1 / 3
2 / 3
3 / 3