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| Assignment Brief |  |  | | |  | |
| Computing and Administration Academy | | | | |
| ncnlogo_portrait_2012.jpg | | | | |
| *Student Name*  …………………………………………………………………  **2013 - 2014** | | | | |
| **Unit 2** Computer Systems  Assignment 1  (System Components & Peripherals) | | | | |
| **BTEC Level 3 Certificate/ Subsidiary Diploma/ Diploma/Extended Diploma in Information**  Technology (QCF) | Assignment Result | R / P / M / D | R / P / M / D | | R / P / M / D |
| Date |  |  | |  |
| Signature |  |  | |  |

Computing and Administration Academy



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| **BTEC Level 3 Certificate/ Subsidiary Diploma/ Diploma/Extended Diploma in Information** **Technology (QCF)** | **Date** | **Submit****1** | **Submit****2** | **Submit****3** |
| Student Name | Submitted |  |  |  |
| Assignment Title  System Components & Peripherals | Referred |  |  |  |
| Assessor  Tim Reeve | Resubmission |  |  |  |

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| **Refer to the specifications for further information on grading.** | | | | | | |
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| **FIRST YEAR UNIT** | | **Hand out** | **Hand in** | **I confirm that the work submitted for this Assignment is my own work and has been produced during the time allocated for the Assignment identified** | | |
| 2 | Computer Systems | 09/09/2013 | 02/10/2013 |
| System Components & Peripherals  Identify the typical devices and components required to create a standalone PC. | | | |
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| Student Signature | | Date |
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| STUDENT COMMENTS | | | | | | |
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| **STUDENT SIGNATURE** | | | | | DATE | |

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| **BTEC Level 3 Certificate/ Subsidiary Diploma/ Diploma/Extended Diploma in Information** **Technology (QCF)** | | | |
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| **Assessment Evidence Assignment 1 – Computer Systems** | | | |
|  | | | |
| To achieve a **PASS** for this assignment your work must show: | Page location | Criteria Met Y/N | Assessor feedback |
| P1 explain the function of computer hardware components |  |  |  |
| P2 explain the purpose of operating systems |  |  |  |
|  | | | |
| To achieve a **Merit** for this assignment your work must show all **Pass** criteria met **plus**: | Page location | Criteria Met Y/N | Assessor feedback |
| M1 compare the features and functions of different operating systems |  |  |  |
|  | | | |
| To achieve a **Distinction** for this assignment your work must show all **Merit** criteria met **plus**: | Page location | Criteria Met Y/N | Assessor feedback |
| **No Distinction Criteria covered in this assignment** | **N/A** |  |  |
|  | | | |
| **Possible cross referencing to other Unit(criteria)** | Page location | Criteria Met Y/N | Assessor feedback |
| **No Cross referencing of criteria identified in this assignment** | **N/A** |  |  |

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| Criteria | Learning Outcomes | | | Possible Evidence |
| P1 |  | Understand the components of computer systems | | *Diagrams showing internal and external system components and how they communicate* |
| P2 | 1.4 | Understand the components of computer systems | | *Report explaining the purpose of different operating systems* |
|  | | |  | |
| M1 | 1.4 | Understand the components of computer systems | | *Report explaining the features and functions of operating systems* |
|  |  |  | |  |
|  |  | ***No Distinction Outcomes addressed by this assignment*** | |  |

**Possible Cross Referenced Unit (criteria)**

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| Criteria | Learning Outcomes | | Possible Evidence |
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**Computer Systems –** Computer Components & Peripherals

**Introduction**

This assignment aims to demonstrate your ability to:

* Identify the elements which make up a typical computer system.
* Identify how system components connect and communicate.
* Explain the purpose of an operating system.
* Explain the features and functions of operating systems.

**Note: This Unit has indirect links to Units: 9, 25 and 29**

**Scenario:-**

As you are to work in the maintenance section of Itech the senior technician wishes to test your existing knowledge level before allowing you access to real time systems.

You therefore have been set the following tasks;

***To achieve a pass grade you must complete TASK 1 and 2***

**Tasks**

1. Create diagrams along with descriptions identifying
   1. the internal & external components of a typical computer system
   2. how the parts are connected and communicate (buses, interfaces etc)

**P1**

1. Write a brief report explaining the purpose of operating systems and how they are used by users.

**P2**

***To achieve a MERIT grade you must complete all the PASS criteria and TASK 3 criteria***

1. Continue the report started in task 2 by explaining the features and functions of two different types of operating systems.

**M1**