

## FACULTY OF ADVANCED TECHNOLOGY

### COURSEWORK FRONTSHEET



#### 1. Administrative Details

Date Set  Submission Date

Lecturer/s

Module

Coursework Title

Coursework No.

Date Marked Work Will Be Returned

Submission Instructions

- All coursework should be submitted in accordance with the date indicated on the front cover sheet.
- **IT IS YOUR RESPONSIBILITY TO KEEP A RECORD OF ALL WORK SUBMITTED.**
- An electronic copy of your work should be deposited in the 'Drop Box' within the relevant module in Blackboard. This provides you with an electronic receipt of the submission.
- Work should also be submitted to the member of academic staff responsible for setting your work.
- Work not submitted to the lecturer responsible may, exceptionally, be submitted to the reception of the General Office on the 7th Floor of the Rhondda Building where a receipt will be issued. Please note that assignments may only be submitted at the following specific times (10.00-12.00 and 14.00-16.00 hrs)
- Alternatively work may be deposited in the "**POSTBOX**" situated in the reception area on the 7th Floor of the Rhondda Building. No receipts are issued and the "**POSTBOX**" will be emptied at 16.30 hrs every day (16.00 hrs on Friday) and all work will be date stamped.

Work Will Be Marked out of  Contribution to subject mark (%)

This work should take about

***Copies of student assignments may be kept for presentation to appropriate University/Faculty quality assurance systems***

***No marks will be awarded to work submitted after the above submission date.***



**COURSEWORK FRONTSHEET cont'd.....**

**2. DECLARATION**

***Plagiarism***

You are reminded that you should not submit any work, which is not the result of your own efforts unless proper attribution is given for any referenced material. Specifically, unless the work you are submitting is a group exercise, the work you submit should be your own work and not the result of collaboration with others or the copying (however achieved) of the work of others. Please enter your enrolment number below to indicate that you understand the University regulations regarding plagiarism and that nothing in this submission is in contravention of the regulations.

|                         |   |
|-------------------------|---|
| <b>Enrolment number</b> | <b>Time actually spent on this assignment</b> |
|                         |   |

**3. STUDENT FEEDBACK**

| <b>Deliverable</b>                  | <b>Mark Available</b> | <b>Mark Awarded</b> |
|-------------------------------------|-----------------------|---------------------|
| Analysis of BitTorrent architecture | 40                    |                     |
| Issues surrounding computer misuse  | 30                    |                     |
| Language critique                   | 30                    |                     |
|                                     |                       |                     |
| <b>Total</b>                        | 100                   |                     |

Absolute Value of Work Submitted

**Assessor's Comments on Work Submitted  
(Continued on separate sheet if necessary)**

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## COURSEWORK FRONTSHEET cont'd.....

### 4. LEARNING OUTCOMES

| Learning Outcomes  |
|--|
| (1) Manage and configure TCP/IP<br>(2) Describe and configure network services |

### 5. ASSESSMENT- DETAILED REQUIREMENTS

Your task is to produce a report which:

- (i) documents the network architecture of the BitTorrent service. This should discuss the protocols involved, client and server configuration and any technical features which make this service efficient.
- (ii) discuss the technical methods that an academic institution might use to prevent BitTorrent use. You should also evaluate how (or if) BitTorrent can be restricted to legitimate use only. For example it might be used to download Fedora Core 6 iso images.
- (iii) discusses why BitTorrent was implemented in Python.

Your report should consist of a paper based word processed document and not be more than 1500 words. The word count is deliberately restricted in order to focus attention on originality and brevity.

This assignment must be your own work and you must cite all references. You must submit a paper copy of your assignment during the lecture specified on the front sheet.



**COURSEWORK FRONTSHEET cont'd.....**

**6. ASSESSMENT CRITERIA**

| <b>Performance Level</b>    | <b>Criteria</b>  |
|-----------------------------|--|
| Fail<br>(<40%)              | A fail grade will be awarded for an answer which contains major errors and shows little understanding of the issues involved   |
| Third/Pass<br>(40%-49%)     | A pass grade will be awarded for an answer which addresses the majority of points with few errors or omissions.  |
| 2:2/Pass<br>(50%-59%)       | An average grade will be awarded for answers which contain no major errors or omissions.   |
| 2:1/Merit<br>(60%-69%)      | A higher mark can be achieved if the work contains no major errors and also contains an analytical answer.   |
| First/Distinction<br>(70%+) | A high grade will be awarded for work which includes the earlier criteria and contains a high quality analysis of issues from a range of source materials and makes some original contribution on the subject. |

***PLEASE note that all pages of this coursework frontsheet should be attached to your coursework submission***