

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.

Enrolment number	Time actually spent on this assignment

3. STUDENT FEEDBACK

Deliverable	Mark Available	Mark Awarded
Overview of SNMP	50	
Application into home automation	50	
Total	100	

Absolute Value of Work Submitted

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



COURSEWORK FRONTSHEET cont'd.....

4. LEARNING OUTCOMES

Learning Outcomes
Demonstrate their ability to show critical judgement in developing solutions to networking design problems Understand the theoretical and practical issues of network design and maintenance, in the context of existing and emerging network technologies and standards.

5. ASSESSMENT- DETAILED REQUIREMENTS

Your task is to write a report which discusses the use of SNMP to implement home appliance automation and control. SNMP is a network management protocol which is commonly used to manage printers, switches, servers and any network connected device. The protocol can be easily configured to map onto different devices. Your report should consist of two sections. The first must present an overview of the protocol SNMP and the second section should relate SNMP to home automation. You might also like to consider drawing a network diagram showing the key components and also you should comment on the agent side hardware required to implement such an automated device.

Your assignment should not exceed 2500 words and must be your own work. You must cite all references.

COURSEWORK FRONTSHEET cont'd.....

6. ASSESSMENT CRITERIA

Performance Level	Criteria
Fail (<40%)	A fail grade will be awarded for an answer which contains major errors and shows little understanding of the issues involved
Third (40%-49%)	A pass grade will be awarded for an answer which addresses the majority of points with few errors or omissions.
2:2 (50%-59%)	An average grade will be awarded for answers which contain no major errors or omissions.
2:1 (60%-69%)	A higher mark can be achieved if the work contains no major errors and also contains an analytical answer.
First (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