

**FACULTY OF SCIENCE, TECHNOLOGY AND ENGINEERING  
QUALITY ASSURANCE OF UNITS**

**Report by Unit Co-ordinator**

<b>Unit code:</b> ELE3DCS	<b>Year:</b> 2008	<b>Campus:</b> Bundoora
<b>Unit coordinator:</b> Harvey Ye		
<b>Teaching staff:</b> <b>Lecturer:</b> Harvey Ye		

**SECTION A: NUMERICAL INFORMATION**

Number enrolled: 36

Number completing the QAU questionnaire: 21

Grade distribution:                    A: 9    B: 8    C: 3    D: 11    E:    N: 3    NS: 2

Other (Please list):

**SECTION B: STUDENT RESPONSES TO THE QUESTIONNAIRE**

**(a) Please complete the following table for questions used in your unit (with previous year's results if available)**

		<b>Current Mean</b>	<b>Last Year's Mean</b>
1	The unit helped me develop my ability to work as a team member	3.2	3.6
2	Work in this unit enhanced my analytic skills	3.4	3.8
3	Learning in this unit helped me develop my problem-solving skills	3.3	3.9
4	I have developed my skills in written communication in this unit	3.2	3.5
5	The unit has helped enhanced my confidence in tackling unfamiliar problems	3.0	3.4
6	The unit helped me develop my capacity to plan my work	3.0	3.5
7	I have improved my oral communication skills	2.5	3.7
8	The aims of the unit were made clear at the start	3.2	3.8
9	The teaching staff put a lot of time into commenting on my work	2.9	3.9
10	I was generally given enough time to understand the things I had to learn	3.5	3.8
11	The staff made a real effort to understand difficulties I might be having with my work	3.1	3.9
12	Appropriate forms of assessment were used in this unit	3.9	4.0
13	The teaching staff gave me helpful feedback	3.0	3.8
14	My teaching staff were extremely good at explaining things	2.7	3.6
15	The workload was manageable	3.8	3.9
16	The teaching staff worked hard to make this unit interesting	2.6	3.4
17	I was able to access the learning resources	4.1	4.2
18	The teaching staff of this unit motivated me to do my best work	2.9	3.7
19	Overall, I was satisfied with the quality of this unit	2.9	3.6

**(b) Summary of student comments on best aspects**

Students are especially happy about the lecture notes and other course materials that are available in various forms. Students also welcome the changes made to the lab component.

**(c) Summary of student comments on needed improvements**

Some students want more example/explanation in lectures.

**SECTION C: UNIT COORDINATOR'S COMMENTS**

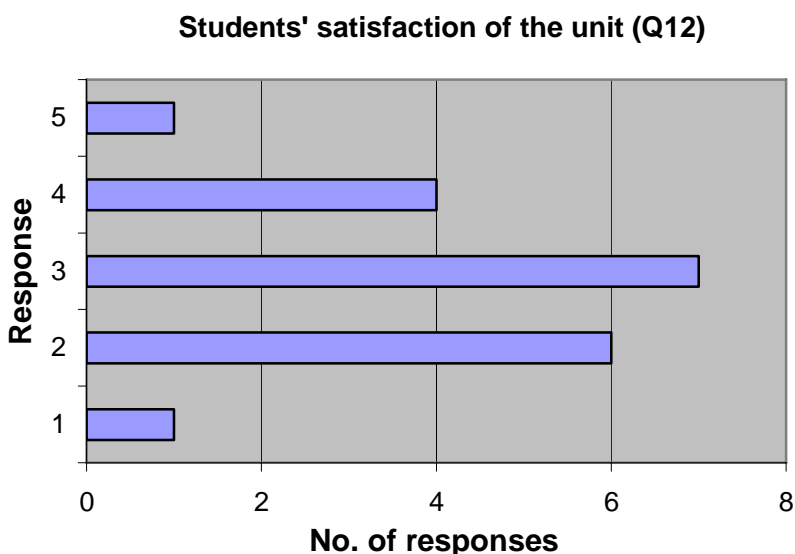
**(d) Last year's suggested improvements**

1. Add coverage on optical fibre communication systems as required.
2. Assess/increase workload and address if necessary.
3. Adjust course materials to further encourage the development of problem-solving skills.

**(e) Unit coordinator's comments on the unit this year**

Compared to the previous years, the number of responses to this year's survey is better. The mean scores to the questions, on the other hand, have dropped across the board against last year, which is disappointing. However, apart from the addition of the optical fibre communication systems part, there has not been significant change to the way this unit is taught. And all the course materials have been updated every year to address students' needs. Therefore, it is not very clear what contributed to the more negative responses this year.

The graph below shows the response to Question 12: Overall, I am satisfied with the quality of this unit. The mean score is 2.9, which is lower than last year.



**(f) Unit coordinator's suggestions for improvements next year**

1. Make the optical fibre communication systems part more consistent with the rest of the unit.
2. Continue to assess/increase workload and address if necessary.
3. Add more examples in lectures and problem classes.

**SECTION D: COMMENTS BY HEAD OF SCHOOL OR NOMINEE**

The response was a surprise to the lecturer. He will work much harder in 2009 to improve the course and delivery.

**Signed**

**(Head of School)**

**Date: 6 March 2009**