FACULTY OF SCIENCE, TECHNOLOGY AND ENGINEERING
QUALITY ASSURANCE OF UNITS

Report by Unit Co-ordinator

Unit code: ELE4DCT	**Year: 4**	**Campus: Bundoora**
Unit coordinator: Song Wang		
Teaching staff: Song Wang		

SECTION A: NUMERICAL INFORMATION

Number enrolled: 34

Number completing the QAU questionnaire: 1[†]

Grade distribution: A: 17 B: 13 C: 10 D: 4 E: 0 N: 1 NS: 0

Other (Please list): W: 1

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)

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

[†] The QAU survey was not conducted at the planned time, which was beyond the lecturer's control. It was done later in the exam tute. Only one student responded to the survey questions.
[‡] The values in this column come from the one response received.

18	The teaching staff of this unit motivated me to do my best work	5	3.7
19	Overall, I was satisfied with the quality of this unit	5	3.8

(b) Summary of student comments on best aspects

Only one student response was received and no comment was made.

(c) Summary of student comments on needed improvements

Only one student response was received and no comment was made.

SECTION C: UNIT COORDINATOR'S COMMENTS

(d) Last year's suggested improvements

It was suggested in last year's QA report to add more examples in the lectures.

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

The unit was well received this year and the attendance rate throughout the semester was good, but unfortunately the QAU survey was not conducted as planned. The survey was done later in the exam tute, and only one response was received, which cannot reflect the general view of the students.

Since the unit has a large theoretical component, extra attention was given to those students who had a weak background in linear algebra. Problem solving skills were also emphasised in the unit by including more design work in tutorials and labs. The outcome was good, as shown by exam results.

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

- Add more material about frequency-domain characteristics of discrete systems.
- Before the start of actual lab tasks, a quick tutorial session will be given in order to highlight and help students understand the important points in the lab.

SECTION D: COMMENTS BY HEAD OF SCHOOL OR NOMINEE

An excellent and dedicated lecturer. Anecdotally the unit was well received. Numbers of students taking this elective has grown substantially since this lecturer took it over.

Signed **(Head of School)**

Date: 6 March 2009