



Predicting Postgraduate Performance

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ABSTRACT

Since UNITEC's Master of Computing (MComp) programme began in February 2000, 166 students have enrolled in one or more of the MComp courses. These students come from diverse ethnic backgrounds and range from fresh graduates to non-graduates with considerable practical experience. Now that the programme has been running for two years it is possible to analyse success rates (measured by grades) in relation to such factors as gender, language and qualifications, thereby extending earlier work on undergraduate students (see references).

1. Summary of Results

To measure success rates, grade averages were calculated using the following 11 point scale:

Grade	A+	A	A-	B+	B	B-	C+	C	C-	D	E
Points	10	9	8	7	6	5	4	3	2	1	0

At the time of writing, 117 students had been assessed on the programme; the 29 females had a grade average of 5.67 and the 88 males had a grade average of 5.13. The following tables show grade averages by language and by entry qualification.

Language	Chinese	English	European	Polynesian	South Asian	SE Asian
Numbers	4 female 15 male	18 female 22 male	2 female 22 male	3 female 2 male	2 female 22 male	5 male
Grade Average	5.03	6.37	6.81	3.72	2.63	4.07

Qualification	Sub-degree	Bachelors	Bachelors plus	Masters
Numbers	9 female, 10 male	11 female, 54 male	8 female, 17 male	8 male
Grade Average	6.35	5.07	4.97	5.18

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