Course Outline

COMP9104
Quantum Computing
Teaching Period 2 2009

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Course Aims

This course aims to ...

Student Learning Outcomes

After completing this course, students will:

- know certain things ...
- be able to do other things ...

This course contributes to the development of the following graduate attributes:

Graduate Attribute	Where Acquired
the skills involved in scholarly enquiry	?
an in-depth engagement with relevant disciplinary knowledge in its interdisciplinary context	?
the capacity for analytical and critical thinking and for creative problem solving	?
the ability to engage in independent and reflective learning	?
the skills to locate, evaluate and use relevant information (Information Literacy)	?
the capacity for enterprise, initiative and creativity	?
an appreciation of and respect for, diversity	?
a capacity to contribute to, and work within, the international community	?
the skills required for collaborative and multidisciplinary work	?
an appreciation of, and a responsiveness to, change	?
a respect for ethical practice and social responsibility	?

Assumed Knowledge

Before commencing this course, students should:

- know certain things ...
- be able to do other things ...

These are assumed to have been acquired in the courses ...

Course Staff

Contact Details

Staff Name	Role	Email	Phone
Arthur Ramer	Course Convenor	ramer at cse.unsw.edu.au	56875

Consultations

Staff Name	Day/Time	Location

Course Details

Course Code:	COMP9104
Course Title:	Quantum Computing
Units of Credit:	6
Course WebSite:	http://www.cse.unsw.edu.au/~cs9104/
Handbook Entry:	http://www.handbook.unsw.edu.au/postgraduate/courses/2009/COMP9104.html

Resources for Students

Texts and recommended readings:

- Title1, Authors1, Publisher1, edition1, ...
- Title2, Authors2, Publisher2, edition2, ...

Other resources (e.g. links to on-line documentation) ...

Course Schedule

Schedule of topics, organised by week ...

Alternatively, enter the data into the the WebCMS Schedule (under Administration) and then use the [Schedule] tag.

As in the following:

No schedule is available (yet)

Teaching Rationale

This course is taught the way it is because ...

Teaching Strategies

- Lectures ... introduce concepts, show examples
- Tutorials ... reinforce concepts and provide additional examples
- Lab Work ... introduce technology required for the assignments
- Assignments .. allow students to solve significant problems

Assessment

Details of assessment items ...

Or, if you're using the WebCMS GradeBook, simply use the [Assessment] tag.

Academic Honesty and Plagiarism

Plagiarism is defined as "using the words or ideas of others and presenting them as your own". UNSW and CSE treat plagiarism as academic misconduct, which means that it carries penalties as severe as being excluded from further study at UNSW. There are several on-line sources to help you understand what plagiarism is and how it is dealt with at UNSW:

- Learning Centre: Plagiarism and Academic Integrity
- MyUNSW: Plagiarism and Academic Misconduct
- CSE: Addendum to UNSW Plagiarism Guidelines
- CSE: Yellow Form (whose terms you have agreed to)

Make sure that you read and understand these. Ignorance is not accepted as an excuse for plagiarism.

Course Evaluation and Development

This course is evaluated each session using the CATEI system.

In the previous offering of this courses, students noted ...

Based on their comments, we have ...