Year offered: 2010
Admissions: Yes
CRICOS code: 065045E
Course duration (full-time): 2 semesters
International Fees (indicative): 2010: $7,571 (indicative) per semester
International Entry: February, June and October
Total credit points: 120
Standard credit points per full-time semester: 60
Course coordinator: Scott Leisemann
Campus: Kelvin Grove

Entry Requirements - Academic
Successful completion of senior high school with the required grades or successful completion of year 11 high school with very good grades. Students can find country specific entry requirements at the following web site. http://www.international.qut.edu.au/apply/index.jsp

Entry Requirements - English Language
IELTS 5.5 with no sub-score less than 5.0 or TOEFL iBT Overall score of 69 (at least 18 in writing and reading and 17 or more in listening and speaking) or TOEFL 525 (paper) or TOEFL 193 (CBT) or equivalent, or successful completion of the EAP program. (N.B. Students should also check visa requirements).

Description
The Foundation Program, which has intakes in February, June and October, provides pathways to QUT award programs (Diploma or Degree). Graduates enjoy a high placement rate in undergraduate courses at QUT and other Australian universities. Successful completion guarantees a place in the first year of the relevant program in all QUT faculties. Small classes and dedicated staff provide an excellent learning environment while additional support is provided by Language and Welfare Advisers. Some students may need intensive English language preparation at the College's English Language Programs prior to entering a Foundation Program.

Students who achieve excellent results in the first semester may have the opportunity to study up to two University Diploma units in their final semester for possible credit towards their degree course.

Course Completion
In order to complete course requirements, students must gain at least a grade of 4 (Pass) in all units.

Required Foundation Grade Point Average by Faculty

| Built Environment - Required GPA 4.6 |
| Business - Required GPA 4.8 |
| Creative Industries - Required GPA 4.4 |
| Education - Required GPA 4.6 |
| Engineering - Required GPA 4.6 |
| Health - Human Services - Required GPA 4.2 |
| Health (except Nutrition & Dietetics, Optometry, Psychology, Podiatry & Human Services) - Required GPA 4.6 |
| Health - Nutrition & Dietetics - Required GPA 5.8 |
| Health - Optometry - Required GPA 5.8 |
| Health - Podiatry - Required GPA 5.8 |
| Health - Psychology - Required GPA 5.0 |
| Law (except Justice Studies) - Required GPA 4.8 |
| Law - Justice Studies - Required GPA 4.2 |
| Science & Technology (except IT, Pharmacy & Medical Imaging Technology) - Required GPA 4.6 |
| Science & Technology - Information Technology - Required GPA 4.8 |
| Science & Technology - Pharmacy & Medical Imaging Technology - Required GPA 5.8 |

N.B. Grades in each unit are awarded on a scale from 1 to 7, with 7 being the highest.

Progression
Conditions of progressing to a guaranteed place in first year of a QUT degree:

i) fulfil the Foundation course requirements,

ii) gain a grade of at least 5 (Credit) in Academic English 2 (QCF212) [Built Environment and Engineering students require a grade of 4 (Pass)]. SC45 Bachelor of Pharmacy and PH38 Bachelor of Applied Science – Medical Radiation Technology (Medical Imaging Technology) students require a grade of 6 (Distinction) AND an IELTS of 7.0 (no subscores less that 6.0), and

iii) achieve the relevant faculty Grade Point Average (GPA) - this is calculated on final semester Level 2 units only.

Students who do not meet requirements for a guaranteed place in either a QUT degree or University Diploma Program, may still be considered for entry by the relevant faculty.

QC02 - Foundation Program

<table>
<thead>
<tr>
<th>Semester One</th>
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<tbody>
<tr>
<td>QCF112</td>
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<tr>
<td>QCF111</td>
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<tr>
<td>QCF156</td>
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</tbody>
</table>

OR
QCF157  Mathematics B1
+ TWO ELECTIVES from the following list
QCF115  Foundation English
QCF120  Accounting 1
QCF121  Economics 1
QCF122  Organisations And Management
QCF153  Physical Sciences 1
QCF160  Introduction to Creativity
QCF252  Life Science

Note: There is no computing component in QCF115 for 13TP2 & 13TP3.
Note: In some semesters some elective units may not be offered if there is insufficient demand.

Semester Two
QCF212  Academic English 2
QCF211  Tertiary Preparation Studies 2
QCF256  Mathematics A2
OR
QCF257  Mathematics B2
OR
QCF260  Professional Studies
+TWO ELECTIVES from the following list
QCF122  Organisations And Management
QCF160  Introduction to Creativity
QCF220  Accounting 2
QCF221  Economics 2
QCF254  Physics
QCF255  Chemistry
QCF230  Information Processing
QCF252  Life Science
QCF270  International Perspectives

Approved diploma units (Business, IT or Creative Industries students only). Diploma units can only be taken under special circumstances and with the approval of the Course Coordinator.

Note: In some semesters some elective units may not be offered if there is insufficient demand.

Potential Careers:
Engineer, Medical Equipment Sales, Medical Imaging
needed at all levels and in all areas of an organisation. You
in the context of a number of academic situations. This will
work in organisations. The emphasis is on skills that are
fundamentals of oral and written communication set within
lives, how organisations function and what is involved in
successfully in a variety of situations. This includes the
significant role that organisations play in many facets of our
This unit is designed to help students communicate
This unit is designed to develop understanding of the
QCF112 ACADEMIC ENGLISH 1
This unit is designed to help students communicate
conduct a seminar, the gathering of information from a
variety of sources and its organisation for specific purposes,
the various writing genres and the correct use of
conventions in the English language.
Credit points: 12  Contact hours: 6 per week  Campus:
Kelvin Grove  Teaching period: 2010 13TP1, 2010 13TP2
and 2010 13TP3

QCF115 FOUNDATION ENGLISH
This unit is designed to continue the development of
reading, writing, speaking and listening skills in English to
prepare students for further studies in Foundation
Communications. A variety of everyday English literature
and real-life situations will be incorporated, with the
emphasis being on active participation by students, as
individuals and as group members. Such activities will
provide students with the skills to explore and use the
English language in different contexts. Basic computing
skills for word processing and the use of QUT computing
services will also be developed.
Credit points: 12  Contact hours: 4 hours per week
Campus: Kelvin Grove  Teaching period: 2010 13TP1,
2010 13TP2 and 2010 13TP3

QCF120 ACCOUNTING 1
This unit introduces the essential concepts of debit and
credit; processing of financial transactions via journals and
ledger through to trial balance for a sole-trading enterprise
(including GST); end of accounting period adjustments and
final reports (specifically preparation of Income Statement
and Balance Sheet) and accounting controls over cash.
Credit points: 12  Contact hours: 4 per week  Campus:
Kelvin Grove  Teaching period: 2010 13TP1, 2010 13TP2
and 2010 13TP3

QCF121 ECONOMICS 1
This unit introduces students to major economic issues; the
basics of economic literacy necessary for future tertiary
studies; a working knowledge of the global economy; an
understanding of economic problems with particular
reference to Australia; the main economic systems; the
purpose of a five-sector model and the functions and
characteristics of each sector.
Credit points: 12  Contact hours: 4 per week  Campus:
Kelvin Grove  Teaching period: 2010 13TP1, 2010 13TP2
and 2010 13TP3

QCF122 ORGANISATIONS AND MANAGEMENT
This unit is designed to develop understanding of the
significant role that organisations play in many facets of our
lives, how organisations function and what is involved in
working in organisations. The emphasis is on skills that are
needed at all levels and in all areas of an organisation.
will develop a range of skills that are required by the individual to function effectively in teams and in an organization.

**Credit points:** 12  **Contact hours:** 4 per week  **Campus:** Kelvin Grove  **Teaching period:** 2010 13TP1, 2010 13TP2 and 2010 13TP3

**QCF153 PHYSICAL SCIENCES 1**
This unit introduces students to scientific study and research processes and the basic principles underlying physics and chemistry; heat and temperature; geometric properties of light; reflection and refraction; diffraction and interference; introduction to electricity and magnetism; the atom; chemical periodicity; chemical names and formulas; chemical bonding; chemical quantities; chemical reactions; stoichiometry; thermochemistry; the behaviour of gases; water and aqueous systems; properties of solutions.

**Credit points:** 12  **Contact hours:** 4 per week  **Campus:** Kelvin Grove  **Teaching period:** 2010 13TP1, 2010 13TP2 and 2010 13TP3

**QCF156 MATHEMATICS A1**
This unit focuses on basic rules of arithmetic; ratio, percentages and proportion; introduction to statistics; averages and interpretation of graphs; dispersion and graphical display; probability; arrangements and combinations; basic measurement, area and volume; spending money; borrowing money and investment.

**Credit points:** 12  **Contact hours:** 4 per week  **Campus:** Kelvin Grove  **Teaching period:** 2010 13TP1, 2010 13TP2 and 2010 13TP3

**QCF157 MATHEMATICS B1**
This unit focuses on basic algebra; equations (including simultaneous equations); functions (including polynomials, exponential, logarithmic) and their graphs; growth and decay; introduction to trigonometry; factorisation; analytical geometry; averages; interpretation of graphs and probability.

**Credit points:** 12  **Contact hours:** 4 per week  **Campus:** Kelvin Grove  **Teaching period:** 2010 13TP1, 2010 13TP2 and 2010 13TP3

**QCF160 INTRODUCTION TO CREATIVITY**
In this unit students will be introduced to theories of creativity and will investigate the nature of creative culture and practice. The unit will provide students with opportunities to analyse creative applications, ideas and concepts in a range of industries.

**Credit points:** 12  **Contact hours:** 4 hours per week  **Campus:** Kelvin Grove  **Teaching period:** 2010 13TP1, 2010 13TP2 and 2010 13TP3

**QCF211 TERTIARY PREPARATION STUDIES 2**
This unit further develops the skills initiated in Tertiary Preparation Studies 1: Australian government, law; foreign policy and trade; preparation and presentation of both oral and written material.

**Credit points:** 12  **Contact hours:** 4 per week  **Campus:** Kelvin Grove  **Teaching period:** 2010 13TP1, 2010 13TP2, 2010 13TP3 and 2010 6TP6

**QCF212 ACADEMIC ENGLISH 2**
This unit contributes to the ongoing development of academic capabilities, effective communication in a variety of contexts and modes and critical, creative and analytical thinking. The unit specifically develops skills in listening, reading, analysing, summarising and paraphrasing, spoken and written material from a range of sources.

**Credit points:** 12  **Contact hours:** 5 per week  **Campus:** Kelvin Grove  **Teaching period:** 2010 13TP1, 2010 13TP2, 2010 13TP3 and 2010 6TP6

**QCF220 ACCOUNTING 2**
This unit examines various accounting sub-systems such as: 10-column worksheets; control accounts and subsidiary ledgers; inventory and fixed asset systems; accounting for credit transactions; budgeting; and financial analysis techniques useful for management.

**Credit points:** 12  **Contact hours:** 4 per week  **Campus:** Kelvin Grove  **Teaching period:** 2010 13TP1, 2010 13TP2 and 2010 13TP3

**QCF221 ECONOMICS 2**
This unit introduces students to the study of macroeconomics. Topics include the five-sector model, the trade cycle, inflation and unemployment, government policy, and the external sector.

**Credit points:** 12  **Contact hours:** 4 per week  **Campus:** Kelvin Grove  **Teaching period:** 2010 13TP1, 2010 13TP2 and 2010 13TP3

**QCF230 INFORMATION PROCESSING**
This unit introduces students to a range of problem-solving techniques and shows how these can be used to solve various problems using an object-oriented programming language; the foundation of relational databases in terms of storing, altering and retrieving information, using SQL for its implementation; a basis for the specification and implementation of information systems using relational algebra.

**Credit points:** 12  **Contact hours:** 4 per week  **Campus:** Kelvin Grove  **Teaching period:** 2010 13TP1, 2010 13TP2 and 2010 13TP3

**QCF252 LIFE SCIENCE**
This unit examines the themes of life, macromolecules, metabolism, cell structure, cell processes, biological
diversity, plant and animal physiology. The unit emphasises practical skills both in the laboratory and in the field.

**QCF254 PHYSICS**
This unit introduces students to mechanics, sound, light, electricity; magnetism; electronics and nuclear physics. Relevance to real world activities is stressed by discussing the various applications of concepts learned.

**Credit points:** 12  
**Contact hours:** 4 per week  
**Campus:** Kelvin Grove  
**Teaching period:** 2010 13TP1, 2010 13TP2 and 2010 13TP3

**QCF255 CHEMISTRY**
This unit prepares students for tertiary study in the applied sciences and provides a solid foundation in basic chemistry and experimental techniques; elements, atoms and ions, modern atomic theory; chemical bonding; inorganic compounds; chemical reactions and energy; water and solutions; gases; acids and bases; oxidation-reduction reactions and electrochemistry; reaction rates and chemical equilibrium and introductory organic chemistry.

**Credit points:** 12  
**Contact hours:** 5  
**Campus:** Kelvin Grove  
**Teaching period:** 2010 13TP1, 2010 13TP2 and 2010 13TP3

**QCF256 MATHEMATICS A2**
This unit focuses on basic algebra; introduction to trigonometry; normal distribution; hypothesis testing; contingency tables; regression analysis; binomial distribution; inferential statistics; earning money; interest; annuities and t-Distribution.

**Credit points:** 12  
**Contact hours:** 5 per week  
**Campus:** Kelvin Grove  
**Teaching period:** 2010 13TP1, 2010 13TP2 and 2010 13TP3

**QCF257 MATHEMATICS B2**
This unit focuses on rate of change; the derivative; stationary points; curve sketching; optimisation; integration; probability distribution; the binomial distribution; normal distribution; hypothesis testing; dispersion, graphical display.

**Credit points:** 12  
**Contact hours:** 5 per week  
**Campus:** Kelvin Grove  
**Teaching period:** 2010 13TP1, 2010 13TP2 and 2010 13TP3

**QCF260 PROFESSIONAL STUDIES**
This unit is designed to expand your understanding of creativity and to provide you with experience in using problem solving tools and models in a range of situations. The unit develops skills in working in groups and reflection that are applicable to any field of study or faculty. Undertaking a project provides a practical opportunity for using creative processes and problem solving techniques.

**Credit points:** 12  
**Contact hours:** 4 hours per week  
**Campus:** Kelvin Grove  
**Teaching period:** 2010 13TP1, 2010 13TP2 and 2010 13TP3

**QCF270 INTERNATIONAL PERSPECTIVES**
This unit is designed to introduce students to a range of matters including economic, social, cultural, political and environmental, which impact on students as an individual and as a global citizen. It is intended to develop students ability to consider these matters in an analytical and informed way and to develop an action research learning approach to a broad range of international perspectives.

**Credit points:** 12  
**Contact hours:** 4 hours per week  
**Campus:** Kelvin Grove  
**Teaching period:** 2010 13TP1, 2010 13TP2 and 2010 13TP3