### Diploma of Engineering

#### B Engineering (Telecommunications Engineering)

**Provisional Entry Program**  
(CAL100 plus 1 diploma unit—this is pre-enrolled)

<table>
<thead>
<tr>
<th>Competency</th>
<th>Unit Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAL100</td>
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<tr>
<td>COMP115 or MATH130 (if required)</td>
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</tbody>
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**Direct Entry Diploma**

#### 1st Semester*

**Required:**
- ACSC100 (A) (People)
  Academic Communication in Science

**CORE:**
- COMP115 (A)
  Introduction to Computer Science

**CORE:**
- PHYS140 or PHYS143 (A)  
  Physics 1A or Physics 1B  
  Co-requisite MATH135

**CORE:**
- MATH135 (A)  
  Mathematics 1A  
  Prerequisite MATH130

#### 2nd Semester*

**CORE:**
- ENGG150 (B)  
  Electromechanics  
  Co-requisite MATH135

**CORE:**
- COMP125 (B)  
  Fundamentals of Computer Science  
  Prerequisite COMP115

**CORE:**
- ENGG141 (B)  
  Digital Fundamentals and Numerical Techniques.

**CORE:**
- MATH136 (B)  
  Mathematics 1B  
  Pre requisite MATH135

**Elective units**
- ISYS100—IT and Society (A or B)
- STAT170—Introductory Statistics (A or B)
- ISYS104—Introduction to Business Information Systems (A or B)
- ISYS114—Introduction to Systems Design & Data management (A or B)

**Advanced Diploma—not available**

*Any remaining core units must be taken at MQ 1st Semester*

### Important and New Information:

Suggested Study Pattern: (A) First Semester; (B) Second Semester; (A or B) Either

- SIBT & MQ = 4 years
- GPA Requirement: Local - 1.5, Intl - No GPA Requirement
- Minimum number of credit points for B Engineering (Telecommunications Engineering) are 96. Student must Complete: the Qualifying Major, a designated People unit, a designated Planet unit, a designated PACE unit, and other specific minimum requirements. For further information see MQ link:  
- Diploma of Electrical Engineering is changed to Diploma of Engineering
- MQ People Planet Units—1 unit completed and 1 planet unit must be completed within this degree. Students are encouraged to do these at SIBT.