Delivery mode
Online course. Internet access essential.
Online lessons are delivered through the EQ web conference.

Time commitment
The minimum time allocation per senior semester is 55 hours instruction.
Twice each week students are required to participate in online (synchronous) lessons, which will run for approximately 70 minutes. Students will also be given the opportunity to attend a 70 minute tutorial each week.
Student interaction and participation with both the teacher and other students in the course are mandatory requirements and students are required to work with other students in order to develop skills in social interaction and to complete tasks.

Prerequisites
A high level of understanding of Year 10 Mathematics and Year 10 English is recommended. Students are not able to enroll in this course mid-year.

Course outline
The course consists of the following four major core topics encompassing Social and Ethical Issues and Human Computer Interaction:
- Software programming
- Algorithms
- SQL
- Relational Information Systems

Assessment
A range of assessment techniques are used during Year 11 and Year 12. These include formative and summative exams, written tasks as well as major and minor projects. In Year 12 students are required to work collaboratively in groups in the development and completion of the major project.

Requirements
Internet, email and telephone access essential.

Computer/Software specifications

Hardware
- Entry level PC or laptop with a Windows 8 or higher operating system.
- A computer headset with microphone.

Software
- A suitable word processing package.
- Microsoft Access 2013 or newer is essential for Year 12.
- A number of other software applications and resource materials are required during the course. These are made available to students by download from the subject Blackboard Course or from a BrisbaneSDE approved website.

Textbooks
There are no prescribed textbooks for IPT. However, the following textbook can be used for extension and background reading.

Year 11 and Year 12
Available through www.edit.net.au

DISCLAIMER: All information contained is accurate at the time of publication.