EIT Facilities

There are a number of different facilities provided by EIT either online and/or at the West Perth and East Perth campuses.

Facilities are fit for their educational purposes and accommodate the numbers and educational activities of EIT's students and staff who use them.

EIT's focus is on outstanding delivery of courses to all students regardless of mode or place of delivery; hence the IT infrastructure and course delivery software is absolutely critical. Secure access to electronic information and adequate electronic communication services are available continuously (allowing for reasonable outages for maintenance) to students and staff during periods of authorised access, except for locations and circumstances that are not under the direct control of EIT

The learning environment, whether physical, virtual or blended, and associated learning activities support academic interactions among students outside of formal teaching.

EIT's facilities are briefly outlined below and include, but are not limited to:

WEST PERTH CAMPUS:

A large classroom

EIT has a large classroom at its West Perth campus and is leading the industry in terms of teaching and technology, with access to remote labs from within the classroom. The classroom has been certified to hold 20 people at any one time and facilities include:

- Data projector
- Computer – linked to the network
- Wireless network
- Microphones – attached to the computer
- Two whiteboards and flipcharts
- Associated kitchen facilities and meeting/break out areas
- Desks and chairs

Physical library

- EIT also has a physical library based at its West Perth campus. The library contains the assigned textbooks for each unit across all higher education courses. Additional textbooks and supplementary readings are also located here, and students are welcome to use these materials. There is also a small study area designed for private or group study.

- Students may also borrow textbooks from the library; EIT uses a system called LendItems to manage the library's resources and to lend books. All students have a LendItems account and can browse the available resources remotely before attending the library.

Kitchen facilities

There are two modern kitchens for the benefit of staff and on-campus students at EIT's West Perth campus. The student kitchen is spacious and allows students freedom to access full cooking facilities and coffee/tea.

Toilets

EIT's West Perth campus has adequate toilet facilities as follows:

- 1 x disabled
- 2 x urinals
- 1 x male and 1 x female

EAST PERTH CAMPUS:

4 large classrooms

The East Perth Campus has 4 classrooms (Classrooms A213, A215, A232, and A234). Each classroom has a 25-30 student capacity.

Facilities in each classroom include:

- Data Projector and projector screen
- Classroom audio system linked to computer and projector
- Wide angle webcam to view students and a second webcam to record lecturer
- Computer – linked to the network
- Wireless networks (staff network and student network)
- Microphones – attached to the computer as well as lapel microphone for lecturers
- Two whiteboards
- Desks and chairs

Common areas

Students have full use of building common areas including outdoor seating and lawn areas, cafeteria seating, ample seating in the building foyer and scattered lounges throughout building.

Toilets

East Perth campus has adequate toilet facilities as follows:

- 2 male and 2 female toilet blocks on the occupied floor, with toilet blocks available on every other level of the building. Each toilet block has disabled facilities and a private shower.

Prayer room

Students have access to a dedicated prayer room.

Kitchen facilities

Students have use of shared microwaves based in the shared library within the building, as well as a large fridge in classroom A213.

There is a student cafeteria on the ground floor offering a selection of food and beverages.

There are filtered water fountains located around the building

Printing and photocopying

An RFID paid photocopying and printing service is available in classroom A213

Parking

A large paid carpark is available next to the campus building.

LIBRARY & RESOURCES:

EIT's courses cover a variety of engineering disciplines and a breadth of levels from diplomas and advanced diploma courses and up to a master's level, therefore a variety of library resources and collections are required to support these. Course readings are usually based on existing resources within EIT's library collections, within copyright allowance, to support students to have access to their required and recommended readings.

EIT students have access to the online EIT eLibrary containing over 160 technical manuals published by EIT's sister company, IDC Technologies, covering a range of disciplines including mechanical, electrical, civil and chemical engineering as well as instrumentation, automation and process control, and data communications and networking. Several of these titles were developed in-line with EIT programs and meet the specific needs and niche topics. The eLibrary resources are available in electronic format for EIT students to access online via their browser. EIT students have access to the eLibrary for the duration of their course, which is included in the course tuition fee.

EIT students also have access to the Knovel library subscription, which is also included in the course tuition fee. Knovel is an online library collection containing resources for specific industries and engineering disciplines collated by Elsevier publishers. Knovel library suits the needs of EIT students as it provides content on various topics including process and design information and best practice, plus interactive graphs, tables, equations and formulation

materials across several engineering areas such as electrical engineering and civil engineering.

EIT reviews Knovel user access and resources quarterly to ensure the resources in this library support current and new courses. New collections can be added to the Knovel library as required and student account usage can be increased annually.

EIT has also recently launched a new online library collection, the IEEE Xplore STEM45 Journal collection. This provides unlimited full text access to 45 selected IEEE Journals. These high-quality, peer-reviewed titles are highly cited, many with high-impact factors, and will be a valuable resource to all higher education students providing access to the very latest research articles across a range of relevant topics. Each journal article is available in PDF and HTML versions, with a complete backfile of each Journal's past publications.

Access to this collection will be provided to all higher education students, with the first student cohort of the Master of Engineering (Industrial Automation) currently using this resource as part of their thesis studies.

EIT also maintains a general library resource collection of 500+ highly specialized engineering and academic texts and standards relating to each specific course. The resources in this collection can be provided to students within our Educational Copyright Licence Agreement with the Copyright Agency Ltd. Texts and other resources are added to the general library resource collection when needed on an ad hoc basis, reflecting the needs of each course.

As a member of COPHE (Council of Private Higher Education) and a member of the COPHE Library Network Consortium, EIT has access to seminar and workshop training sessions to develop and improve the library services offered to EIT students. COPHE Library Network Consortium also offer members discounted access to various libraries such as Oxford Referencing library and Informit Library. EIT is looking to add an additional library, the Informit Library - Engineering Collection proposed by 2017.

A list of specific text books and resources that each student is required to purchase / have access to is listed in each unit outline for the relevant course of study.

In addition to the online library, students may also make use of the EIT on-campus library, based at the West Perth campus (see above 'West Perth Campus').

MOODLE:

Students have access to EIT's customised Moodle site. Moodle is an open source Learning Management System (LMS). Students using EIT's Moodle site are able to access learning schedules, learning materials, receive assessment information as well as complete and submit assessments. Students will also be able to communicate with each other as well as administrative and teaching staff through Moodle. Each student receives unique log in details in order to access Moodle. Students are also only able to access their own student details such as assessment results and personal information. Moodle is available to students 24 hours a day, seven days a week.

EIT has highly customised Moodle to suit the specific needs of students at EIT and the programs offered by EIT.

BLACKBOARD COLLABORATE:

EIT conducts live, interactive webinars through Blackboard Collaborate web conferencing software. Blackboard Collaborate allows students and lecturers or students and other students to communicate with each other in real time or synchronously. Communication occurs verbally with the use of a microphone, as well as with direct messaging and emoticons. All sessions or webinars are recorded and are provided to lecturers and students so they can be viewed at any time.

REMOTE LABORATORIES (LABS):

Remote laboratories allow students to access engineering programs and laboratory experiments remotely. Using the internet, a student can operate engineering equipment or software via the remote labs. There are even video feeds of the physical equipment to demonstrate functionality in real-time. Control of the remote laboratory computer is provided offering students an opportunity to conduct a laboratory session where they may usually not be able to.

EIT has access to multiple remote labs set up for a range of applications at the West Perth campus. Students can easily access the labs by consulting their Learning Support Officer, Lecturer or the IT Manager. The labs are accessible 24x7 throughout the world using the Electromeet software package.