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Learn From EIT Alumni: Studying Online and Career Progression

Future Student Webinar

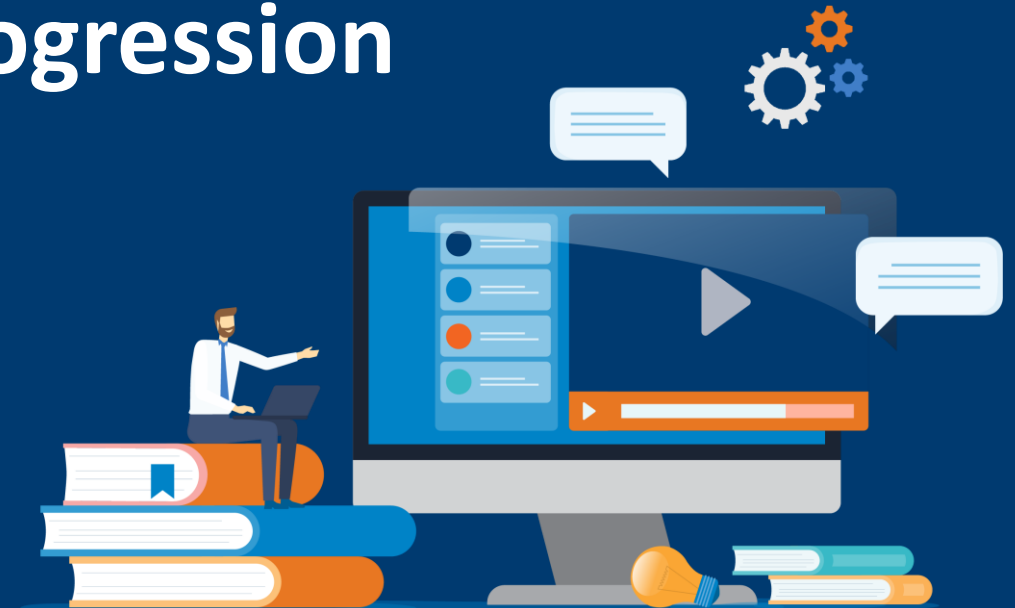
Presented By

Paul Celenza
College Manager

Emily Levy
Higher Education Learning Support Officer

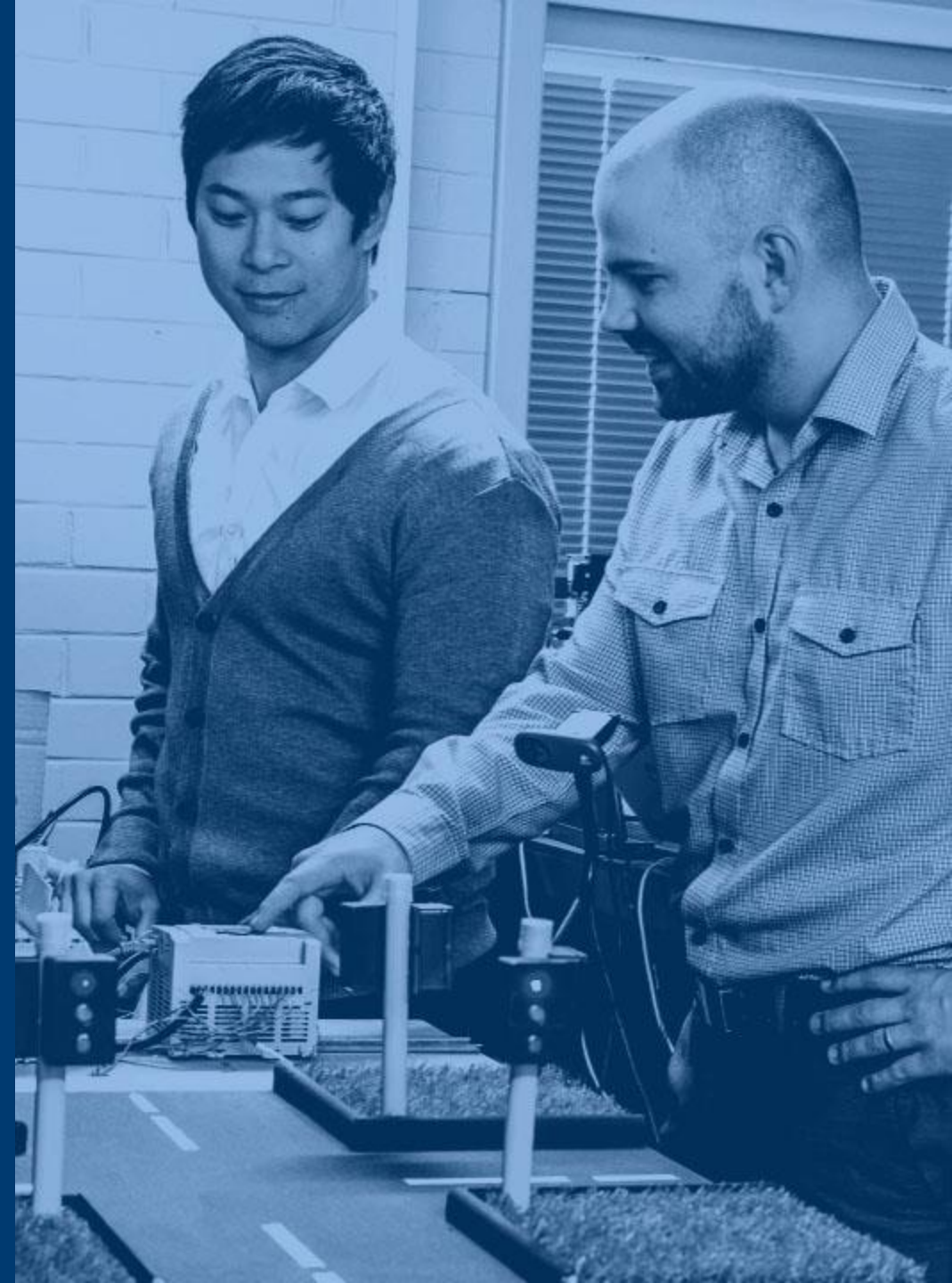
Aaron Brook
EIT Student Ambassador

Douglas Mugweni
EIT Student Ambassador



Agenda

1	Welcome & Introductions
2	About EIT
3	Course Overview: Professional Certificates, VET
4	Hear from EIT Student Ambassador – Aaron Brook
5	Course Overview: Higher Education
6	Hear from EIT Student Ambassador – Douglas Mugweni
7	Studying Online at EIT
8	Q & A



Introductions

Paul Celenza

College Manager

Paul is a qualified and experienced manager and administrator. Paul graduated with a bachelor of business degree, a post graduate diploma in business administration and also a certificate IV in training and assessment. Paul has managed teams at different levels for over 25 years in different countries and is very passionate about education and training and the effects they have on the individual and the community as a whole.

Emily Levy

Higher Education Learning Support Officer

Emily is one of our Higher Education Learning Support Officers. Emily's background and experience in learning and development spans over 14 years predominantly in the Oil and Gas resources sector and in registered training organizations. Emily is really passionate about learning and development and supporting those throughout their learning journey.

We will formally introduce our student ambassadors later in this session.



We are dedicated to ensuring that you receive a world-class education and gain skills that you can immediately implement in the workforce.



World-Class Australia Accredited Education

Our vocational programs and higher education degrees are registered and accredited by the Australian Government. We have programs that are also recognized under three international engineering accords.



Engineering Specialists

EIT is one of the only institutes in the world specializing in Engineering. We deliver professional certificates, diplomas, advanced diplomas, undergraduate and graduate certificates, bachelor's and master's degrees, and a Doctor of Engineering.



Industry Experienced Lecturers

Our lecturers are highly experienced engineers and subject specialists with applied knowledge. The technologies employed by EIT, both online and on-campus, enable us to source our lecturers from a large, global pool of expertise.



Industry Oriented Programs

Our programs are designed by industry experts, ensuring you graduate with cutting-edge skills that are valued by employers. Our program content remains current with rapidly changing technology and industry developments.



Unique Delivery Model

We deliver our programs via a unique methodology that makes use of live and interactive webinars, an international pool of expert lecturers, dedicated learning support officers, and state-of-the-art technologies such as hands-on workshops, remote laboratories, and simulation software.

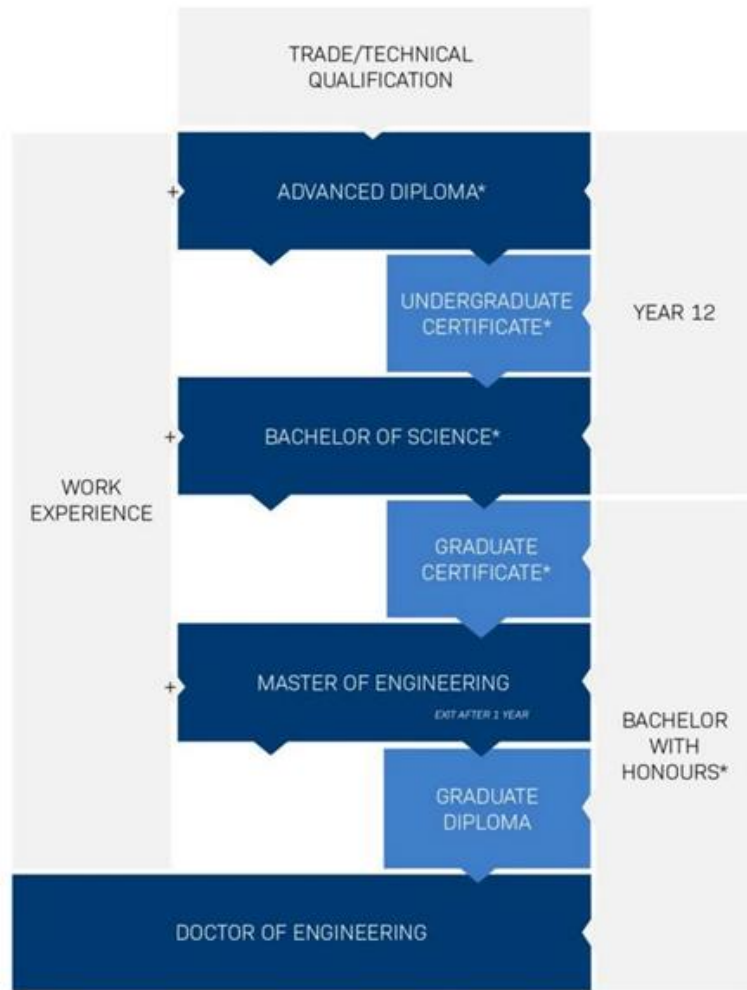
Your Lifelong Learning Journey Pathways & Articulation at EIT

EIT provides clear study pathways to allow you to progress from one qualification to another and transition your career from technician, technologist to professional engineer.

We deliver pathways for students with recent secondary education, to those working in industry who wish to formalize their practical experience for career advancement or upskill for evolving technology and industry requirements.



EIT Programs – Lifelong Learning Journey



* In a congruent field

Professional Certificate of Competency

3-month, non-accredited courses that provides professional development in specific areas of interest.

Diploma

12-month Diploma of Leadership and Management.

Advanced Diplomas

18 to 24-month Advanced Diplomas for those wanting to formalize trade qualifications and/or relevant work experience.

Undergraduate Certificate

6-month full-time (or part-time equivalent) undergraduate qualification containing four units.

Bachelor of Science

3 years full-time (or part-time equivalent).

Graduate Certificate

Upskill in 6 months full-time (or part-time equivalent) with these postgraduate qualifications containing four units.

Master of Engineering

2 years part-time intensive.

Doctor of Engineering

Make your own contribution to the wider body of professional engineering knowledge and solve industry problems.



Professional Certificate of Competency Courses

- › Successful students spend 5 to 8 hours per week learning the course content.
- › Fortnightly webinars (90 minutes).
- › You must attend 65% of the live webinars.
- › If you cannot attend a live webinar, you can provide a summary in place of attendance.
- › If a student does not achieve the required score, they will be given an opportunity to resubmit assignments to obtain the required score.

Intakes: Throughout the year
Duration: 3 months part-time

These courses allow industry professionals, irrespective of their level of qualification, opportunities to upskill with evolving specializations in fields of engineering.

Schools of Engineering

- › Industrial Automation, Instrumentation and Process Control
- › Civil Engineering
- › Data Comms & Industrial IT
- › Electrical Engineering
- › Electronic Engineering
- › Mechanical Engineering
- › Engineering Management
- › Machine Learning and Artificial Intelligence

Scan the QR code to see the full list of Professional Certificates available to study!



SCAN ME



Ms Leticia Oppong

Leticia currently works as a Field Engineer at FieldCore

She completed EIT's [Professional Certificate in Programmable Logic Controllers \(PLCs\) & SCADA Systems](#)

This professional development course was a valuable choice in up-skilling and cross-skilling in her career.

Now that she has graduated, Leticia doesn't intend on slowing down whatsoever. "I intend to remain in the engineering space, honing my skill set and ultimately taking on roles in project engineering and plant management."

"This year, I decided I wanted to expand my portfolio. After some consultation, a course in PLC and SCADA emerged as the best option to get that foundation I needed to broaden my expertise. Due to my work schedule, attending an in-person class was not on the table, so I started looking for online options. A colleague mentioned EIT, where he had taken a master's some years earlier. So, I went to the website and got enrolled!"



Diplomas & Advanced Diplomas

- › Successful students spend approximately 10-15 hours per week.
- › Weekly webinars (60 minutes).
- › You must attend 70% of the live webinars.
- › If you cannot attend a live tutorial, you can provide a summary in place of attendance (in most units).



Diplomas

Intakes: Throughout the year
Duration: 12 – 36 months part-time intensive

Schools of Engineering:

- › Industrial Automation, Instrumentation and Process Control
- › Civil Engineering
- › Data Comms & Industrial IT
- › Electrical Engineering



Advanced Diplomas

Intakes: Throughout the year
Duration: 18 months to 24 months part-time intensive

- › Electronic Engineering
- › Mechanical Engineering
- › Engineering Management
- › Biomedical Engineering

Graduate Certificate

- › Successful students spend approximately 10-15 hours per week.
- › Weekly webinars (90 minutes).
- › You must attend 70% of the live tutorials.
- › If you cannot attend a live webinar, you can provide a summary in place of attendance.

52859WA - Graduate Certificate in Renewable Energy Technologies

Intakes: 8 March 2022, 5 September 2022

Duration: 6 months intensive part-time

This program is designed for students who aim to build up their theoretical and practical knowledge in the field of standalone and grid-connected photovoltaic systems, hydro-electric power generation systems, and wind power plants. The course will also enhance your learning experience in energy storage systems, distributed generation systems as well as non-mainstream renewable energy technologies used for power generation.





Aaron Brook

- › Currently residing in Germany
- › Previously working as a Instrumentation Reliability Specialist for Hatch, Emirates Global Aluminum at the Al Taweelah Alumina Refinery in the UAE.
- › From Australia
- › Completed EIT's [52886WA Advanced Diploma of Industrial Automation Engineering](#)

“Engineering for me is about knowing your boundaries and doing your best to find solutions to fit your needs. So, there’s space in the field where you’ve got to be incredibly pragmatic, but also plenty of room to get creative.”



- › I'm an Electrical & Instrument technician, having completed my dual trade apprenticeship with Rio Tinto in 2007.
- › Since then I have worked in large scale industry, predominantly Oil & Gas in maintenance & project works.
- › Throughout my post trade years, I have completed Cert. IVs in Hazardous Areas and Work Health & Safety, as well as Diplomas in both Project Management, and Leadership & Management, as well as of course my DIA with EIT.



- › I had wanted for several years to complete something to not only improve my job prospects, but just to generally learn more in my field.
- › I think many people working in trades (or in any area really) go through a bit of a period where they're questioning whether they want to be doing what they're doing forever, and a course at Advanced Diploma level suits really well to build upon pre-gained qualifications & experience in order to kind of level-up your game in that sense.

Why EIT?

- › Accessibility
- › A large part of EIT's focus I think is on people like me who are situated remotely or working full-time and looking to upskill.



Were you hesitant about studying online?

- › I was initially hesitant yes, and that's probably part of the reason I put off enrolling for so long. In the end though I found lecturers and resources to be even more accessible in the online environment. EIT have obviously put a lot of work in over the years to ensure their online learning experience is as good as any.

Part time study workload / full time work

- › Yes, the time is there if you've got the interest I think, and as I mentioned EIT aim a lot of their courses at people who are in the workforce fulltime, so there's a certain level of understanding there from the college as to what positions people might be in.

Online practical experience / labs

- › The online labs are easily accessible and use up-to-date software and systems. I was pleasantly surprised at the learnings that could be transferred using online simulations and software.



Dedicated Learning Support

- › They were a really helpful resource actually. Having kind of a focal point there to help you out with any of your off-topic concerns certainly makes life a lot easier. Whether there's a question on something admin-related, or to sort out anything technical, being able to just email the course support officer ensured things were usually taken care of straight away.

Favorite lecturers/instructors and why?

- › We had some jovial ones; I'd say particularly some of the South African blokes like Deon and John Lawrence were always pretty approachable and made the learning a bit more enjoyable.



How did the course help you in your day-to-day work and your overall career?

- › I haven't been working since last year (by choice) as I've recently moved to Germany with my partner and am currently going through a few other courses, including my daily language lessons! I think though that having undertaken an Advanced Diploma not only exposes me to new corners of the employment market, but just generally undertaking any online course has certainly sparked my interest in more topics, and since studying with EIT I have become a bit of a perpetual online student!



Higher Education Programs

- › Successful students spend approximately 10 hours per week, per unit.
- › Weekly tutorials (90 minutes for bachelors & 60 minutes for masters).
- › You must attend 70% of the live tutorials.
- › If studying online and you cannot attend a live tutorial, you can provide a summary in place of attendance (in most units).
- › In addition to the tutorial, you are required to watch the pre-recorded lecture.



Bachelors

Next Intakes:

Online: 14th February 2022

On-Campus: 21st February 2022

Duration:

Online: 3 years full time
(or part-time equivalent)

On-Campus: 3 years full time
(or part-time equivalent)

Bachelor of Science

(Civil and Structural Engineering)

Bachelor of Science

(Electrical Engineering)

Bachelor of Science

(Industrial Automation Engineering)

Bachelor of Science

(Mechanical Engineering)



Higher Education Programs

- › Successful students spend approximately 10 hours per week, per unit.
- › Weekly tutorials (60 minutes).
- › You must attend 70% of the live tutorials.
- › If you cannot attend a live tutorial, you can provide a summary in place of attendance (in most units).
- › In addition to the tutorial, you are required to watch the pre-recorded lecture.



Graduate Certificates

Intakes:

Throughout the year

Duration:

6 months full time or (part-time equivalent)

Graduate Certificate in
CAD and Computational Techniques

Graduate Certificate in
Chemical and Process Engineering

Graduate Certificate in
Civil - Railways Infrastructure
Engineering

Graduate Certificate
Civil Engineering (Structural Analysis
and Design)

Graduate Certificate in
Civil Engineering (Structural Performance,
Monitoring and Management)

Graduate Certificate in
Civil Engineering: Structural

Graduate Certificate in
Civil Transportation Engineering

Graduate Certificate in
Electrical and Instrumentation in Oil and
Gas Engineering

Graduate Certificate in
Electrical Engineering

Graduate Certificate in
Fluid Power Engineering

Graduate Certificate in
Industrial Automation Engineering

Graduate Certificate in
Industrial Instrumentation and Process
Control

Graduate Certificate in
Industrial Instrumentation and Safety
Systems

Graduate Certificate in
Mechanical Engineering

Graduate Certificate in
Power System Analysis and Design

Graduate Certificate in
Process and Thermal Engineering

Graduate Certificate in
Programmable Logic Controllers and
SCADA

Graduate Certificate in
Safety, Risk, and Reliability Engineering



Higher Education Programs

- › Successful students spend approximately 10 hours per week, per unit.
- › Weekly tutorials (90 minutes for bachelors & 60 minutes for masters).
- › You must attend 70% of the live tutorials.
- › If you cannot attend a live tutorial, you can provide a summary in place of attendance (in most units).
- › In addition to the tutorial, you are required to watch the pre-recorded lecture.



Masters

Next Intake:

Online: 3rd January 2022

On-Campus: 21st February 2022

Duration:

Online: 2 years part-time intensive

On-Campus: 2 years full time

(or part-time equivalent)

Master of Engineering

(Civil: Structural)

Master of Engineering

(Electrical Systems)

Master of Engineering

(Industrial Automation)

Master of Engineering

(Mechanical)

Intakes TBA

Online - Master of Engineering

(Civil: Railway Infrastructure)

Online - Master of Engineering

(Electrical & Instrumentation in Oil & Gas)

Online - Master of Engineering

(Safety, Risk & Reliability)



Douglas Mugweni

- › Considerable professional experience within the power generation sector
- › Working as a System Engineer: Control and Instrumentation with Eskom Generation at Camden Power Station, situated in the Mpumalanga Province of South Africa.
- › Completed EIT's:
 - › [Online - Master of Engineering \(Industrial Automation\)](#)
 - › [Professional Certificate of Competency in Electrical Power System Protection](#)

“I would also really love to use my education through participation in voluntary associations like EIT and professional bodies to change lives of the less privileged in our society and also to raise the profile of engineers in society.”



- > I have completed 19 years of work experience working in Control and Instrumentation Engineering and maintenance in coal fired power plants. It has been quite a challenging journey filled with so much learning and experience both in Zimbabwe and South Africa.
- > But before joining industry, after completing my A-Level studies in Physics, Chemistry and Mathematics.
- > I was admitted into the Faculty of Industrial Technology to pursue my vocational studies for the B.Eng (Honors) degree in Electronic Engineering at the National University of Science and Technology in Bulawayo, Zimbabwe.

What made you want to study a Master's Degree?



- > I was motivated when my longtime friend completed his PhD in Physics at the North-West University in 2016. I then looked at myself and told myself I need to go back school.
- > I started by enrolling for the Professional Certificate of Competence in Electrical Power System Protection in the second quarter of 2016. By then I was testing to see how the distance learning offered by EIT works because on paper I liked the engineering courses that they offer.
- > But when I also looked at the Master's in Industrial Automation and Electrical Systems, I liked both of them but I then decided to take the bull by its horns and go for the Master's in Industrial Automation since it was inline with my line of work.

Why EIT?

- > Well, I found out that the courses offered by EIT synchronize very well with what I encounter in my line of work almost on daily basis and are well recognized by many engineering institutions which also counts towards one's CPD points.

Experience studying online before? Were you hesitant to study online?

- › I did not have any online learning experience before. That's why I decided to first start with a 3-months Professional Certificate of Competency to test the waters.
- › Now with the advent of the COVID-19 pandemic online learning has become very popular. As for me after my experience at EIT with online learning, doing work online has become like an everyday experience.

Part time study workload / full time work

- › Yes it was manageable. However, I also had to give in some extra hours over the weekend and in the evenings after work because you need to have commitment to success and to be well disciplined in order to pass with good grades. I had to forego some of my pleasure times over weekends in order to complete my assignments on time. However, in the end it was time well spent and it paid off.

Online Experience With EIT

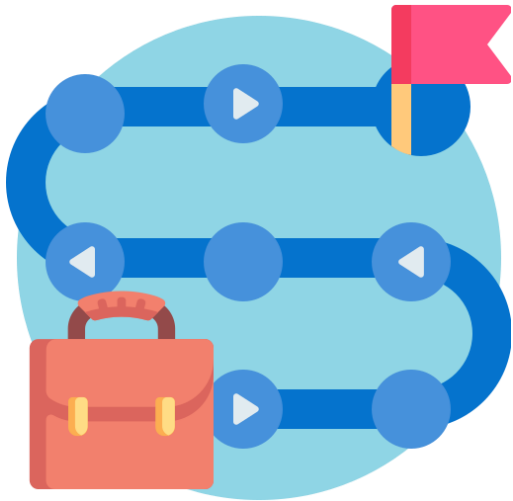
- › It was quite fascinating actually, very powerful and interesting indeed to experience the idea of a virtual classroom. We could even do group works in virtual classroom sessions. Thanks to EIT for introducing to me this new way of learning to me. I have also received lots of enquiries from prospective students about the online classes through my LinkedIn social platform and I'm proud to say there are many students out there who want to study with EIT because of the relevance of the courses they offer to the competitive world of work.

Dedicated Learning Support

- › The learning support officers at the Perth campus and local office in South Africa were assisting very well whenever there were issues. Of course one must understand that they can only assist as much as they could but not do the work for you. I did not find any issues to complain about.

Favorite lecturers/instructors and why?

- › Professor Akhtar Kalam who lectured us in Power Engineering and Professor Hadi Harb who lectured us in Industrial Process Control Systems, Advanced Process Control and Engineering Practice and Key Research Methods and also supervised me for my Master's Thesis. Together we have just published a joint paper in the International Journal of Engineering and Manufacturing from the Master's research thesis.

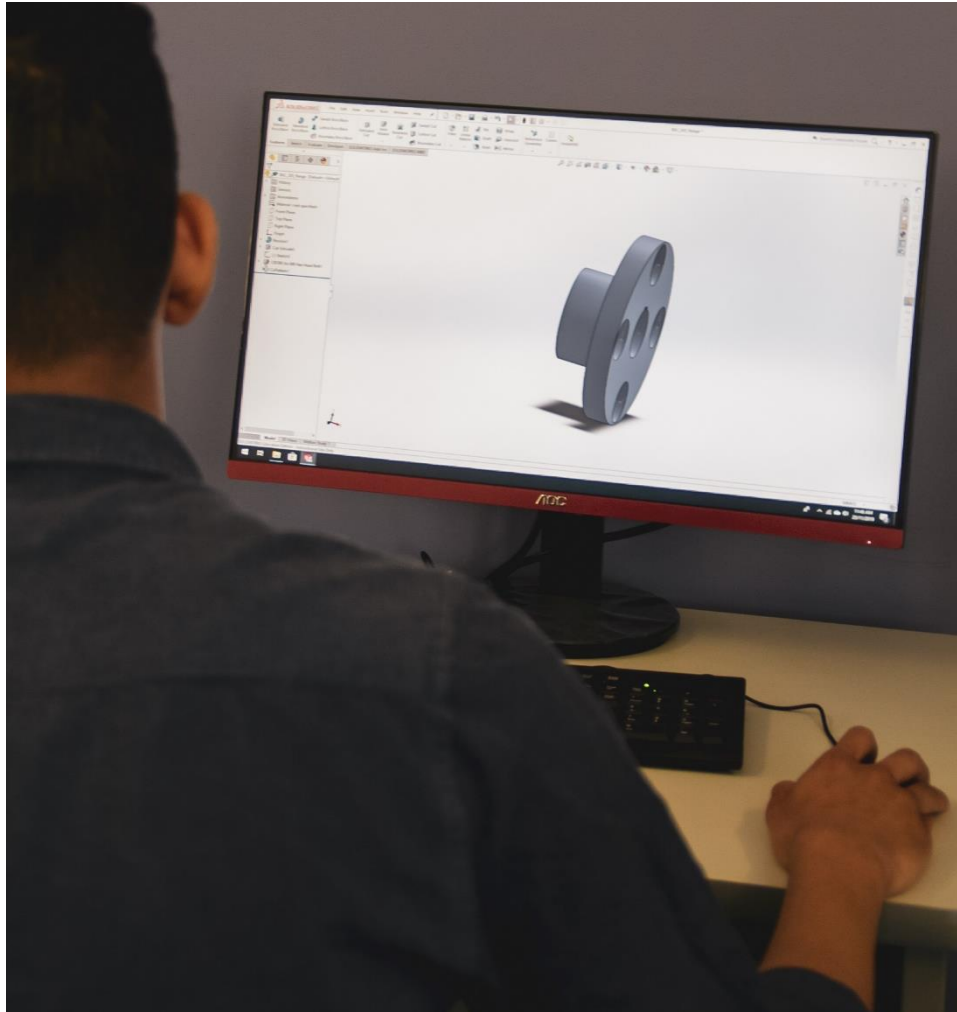


How has the course assisted you in your career?

- The EIT Master's programme is assisting me very well in my engineering career. I can now approach many engineering problems with confidence now applying the techniques that I've learnt throughout the course. I can now influence engineering decisions and give advice on engineering matters to my senior management and other senior well experienced people in my organization with confidence.

Studying Online at EIT





As an online student, you will benefit from EIT's unique personalized synchronous delivery methodology that encourages you to advance your technical and technological knowledge, while forming global networks and balancing life and work commitments.

Our Online Learning Methodology

Our unique online delivery methodology makes use of:

- Live and interactive tutorials
- An international pool of expert lecturers
- Dedicated learning support officers, and
- State-of-the-art technologies such as hands-on workshops, remote and virtual laboratories, and simulation software

When studying at EIT, students complete practical exercises using a combination of remote and virtual laboratories and simulation software.

Practical Experience

In these remote and virtual laboratories students can control physical equipment and sensors equivalent to the traditional university engineering lab.

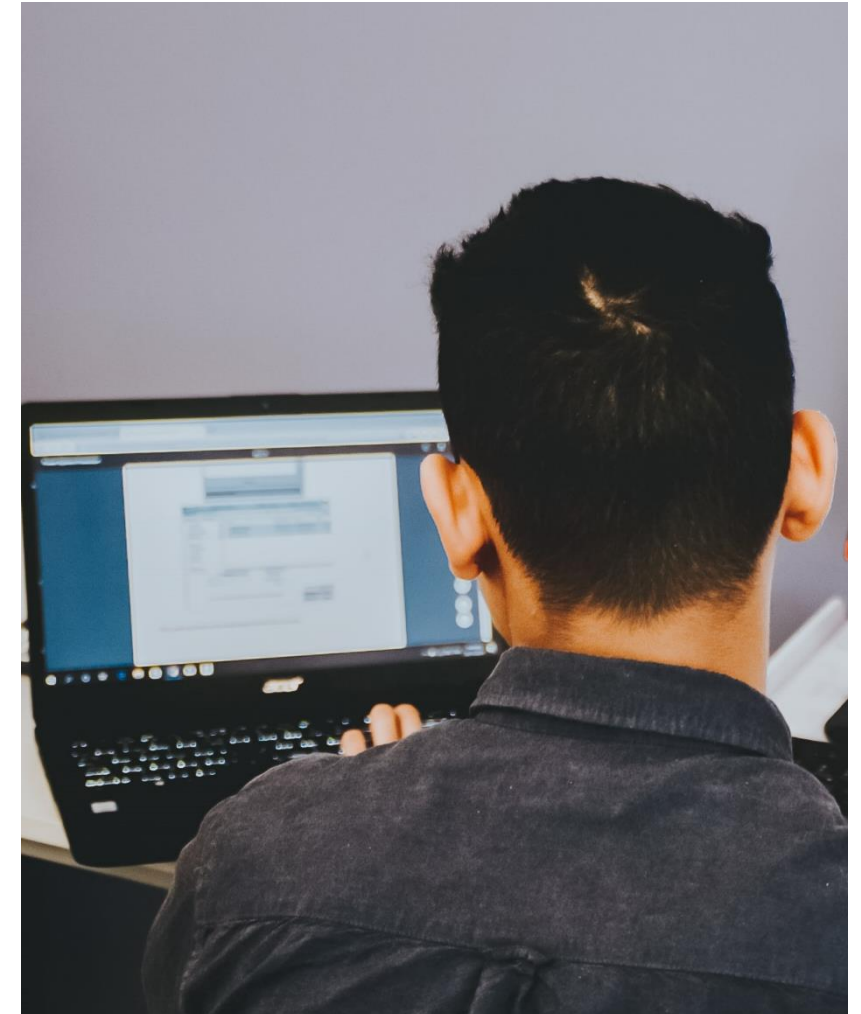
This means that even though you are studying online, you are not missing out on your hands-on, practical experience.

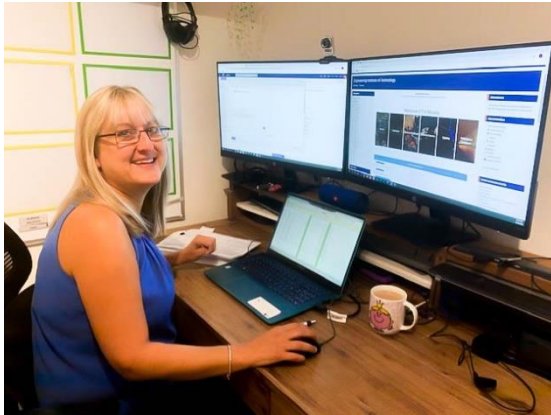
For the on-campus students, workshops and work integrated learning via an internship is incorporated into the student journey.

Real World Ready

Through these hands-on exercises using simulation software, remote laboratories, practical based assignments and interactive discussion groups, students can grasp new knowledge and apply it successfully to the real world.

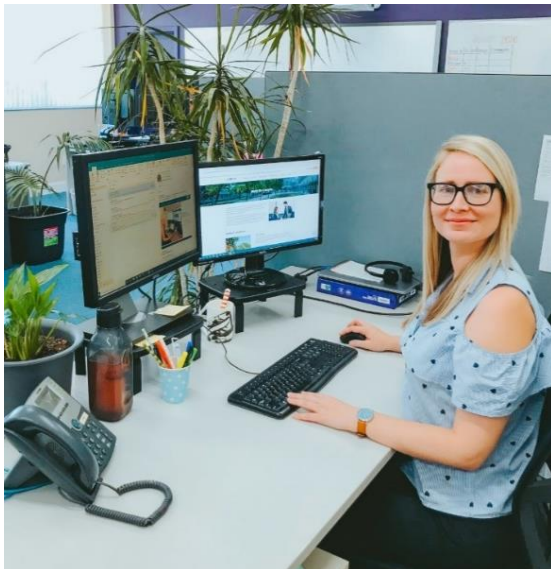
Each hosted engineering software and hardware can be controlled in real time; it's as simple as logging in and selecting an available lab and timeslot!





"As an LSO it is rewarding to start a course then follow, encourage and support the students through to the end and see them achieve their qualification."

Sharon Bowler
VET LSO




"As an LSO I love supporting our students on their learning journey and ensuring their experience with EIT is a positive and rewarding one"

Emily Levy
Higher Education LSO

- › Learning Support Officers (LSOs) are in addition to the academic support (instructors/lecturers).
- › LSOs guide the students from the onboarding process through to graduation.
- › LSOs are the support, encouragement and go-to person for any question relating to a student's studies.
- › One LSO is dedicated to the student for the duration of either a professional certificate or VET program.
- › One LSO is dedicated to each unit in Higher Education studies at EIT.
- › EIT has LSOs based in: *South Africa, Switzerland, Zimbabwe, New Zealand and Australia.*

Upcoming Webinars




**Start Your Studies Online,
Continue On-Campus in
Australia**

EIT Student Webinar

3.00PM - 4.00PM (AWST)
Thursday 4 November 2021

[Register Now](#)



CRICOS Provider Number: 03567C | Higher Education Provider Number: 14008 | RTO Provider Number: 51971

See all upcoming webinars and events here:
<https://www.eit.edu.au/news-events/events/>

Upcoming EIT Courses

Course	Start Date
Professional Certificate of Competency in Electrical Power System Fundamentals for Non Electrical Engineers	01/11/2021
Professional Certificate of Competency in Power Distribution	01/11/2021
Graduate Certificates in Civil, Electrical, Mechanical, Industrial Automation	03/01/2022
Master of Engineering degrees in Civil, Electrical, Mechanical, Industrial Automation	03/01/2022
52882WA Advanced Diploma of Electrical and Instrumentation (E&I) Engineering for Oil and Gas Facilities	17/01/2022
Professional Certificate of Competency in Substation Design (Main Equipment)	17/01/2022
Professional Certificate of Competency in Mechanical Engineering	24/01/2022
Professional Certificate of Competency in Programmable Logic Controllers (PLCs) & SCADA Systems	24/01/2022
Doctor of Engineering	31/01/2022
Advanced Diplomas in Biomedical, Civil and Mechanical	08/02/2022
Bachelor of Science degrees in in Civil, Electrical, Mechanical, Industrial Automation	14/02/2022

See more at: <https://www.eit.edu.au/schedule/>

Q&A





Engineering Institute of Technology.

Thank you for attending.

Contact Us



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