

UQ Engineering, Design and Computing Ambassador Program

Guide for Ambassadors

Welcome to the Engineering, Design and Computing High School Ambassador Program

This program has been specifically designed for you, a Year 11 student who is passionate and motivated to deepen your knowledge and raise the profile of engineering, design, or computing within your school.

The program will challenge you to develop your leadership abilities and communication skills, and will offer you the chance to connect with like-minded students across Queensland.

This guide will provide you with all the information needed to be an outstanding Ambassador. Enjoy!

What is a UQ Engineering, Design and Computing Ambassador?

As a UQ Engineering, Design, and Computing Ambassador, you will have the opportunity to show your passion for these fields and encourage others to take an interest as well.

As an Ambassador, you will help raise awareness about engineering, design, and computing by bringing events, activities, and opportunities to the attention of your classmates.

You will be the face of your school at various engineering, design, and computing events, and will have exclusive access to invitations and opportunities from UQ.

As Ambassadors, you will have the chance to set a positive example and make a lasting impact.

Can I choose a particular discipline to explore?

Yes! We will provide information about all three disciplines, so depending on your passion or interest, you can choose to focus on raising awareness of one or all three disciplines - it's up to you!

Keep an eye out for the monthly Ambassador newsletter!



What's in it for you?

Some of the amazing opportunities of the program include:

- Recognition from UQ of your interest and academic achievement in engineering, design or computing.
- Grow your awareness of engineering, design and computing issues, events and opportunities.
- Develop and strengthen personal and professional skills with support from current engineering, design, and computing students.
- Mentoring opportunities, access to events, a badge, a certificate of participation, and a UQ merch pack.
- Students who go on to enrol in engineering, design, urban planning, architecture, information technology, or computer science at UQ will be invited to join the EAIT Student Ambassador Program.
- Connect with like-minded students from across Queensland at events.
- Build your personal brand.
- Gain ideas and support for engineering, design, and computing activities from monthly Ambassador email updates.
- Receive invitations for on-campus and online events throughout the year, including:
 - UQ Interaction Design Exhibition
 - UQ Architecture Exhibition.
 - Engineering, Design and Computing Careers Evening.
- Win prizes through challenges in the newsletter throughout the year.



GETTING STARTED

1. **Read your welcome email.** This email contains all the details you need to be an amazing Engineering, Design or Computing Ambassador.
2. **Organise a meeting with the teacher who nominated you and any other UQ Engineering, Design and Computing Ambassadors in your school.** Talk about what you want to do this year to get others interested in these subjects.
3. **Set a regular meeting time with your teacher and other Ambassadors.** This will help you stay focused and balance your responsibilities as an Ambassador with school work and other commitments. You could meet once a month or have a quick chat each week during lunch or morning break.
4. **Ambassador activities.** Complete a minimum of 2 activities from the list on page 3 at your school throughout the year.
5. **Introduce yourself to your school and let them know what you'll be doing as an Ambassador.** This is a great opportunity to let others know how to reach you and if you have any events or competitions planned, or a special noticeboard they can check for updates.
6. **Start promoting engineering, design and computing in your school.** Have fun and enjoy!

Don't forget to wear your Ambassador badge proudly on your school uniform!

AMBASSADOR ACTIVITIES

Choose at least 2 activities in total—at least one from “Activate Your School” and one from “Bring UQ to Your School”—to help promote Engineering, Design, and Computing in your school.

ACTIVATE YOUR SCHOOL

1. **Create up a ‘Did you know?’ wall in your classroom.** Ask your teacher if you can have a space in the classroom to display interesting facts about Engineering, Design and Computing. E.g., *Did you know that engineers save more lives than doctors?*
2. **Create a noticeboard.** Ask your teachers for a public place in the school to put engineering, design and computing news updates and competitions.
3. **Create a ‘Engineer/ Designer/Technologist of the Week’ PowerPoint slideshow** for school TV noticeboards. Create 1-3 slides each week that describe the research.

BRING UQ TO YOUR SCHOOL

1. **Invite UQ to your school to run a hands-on workshop for your class**
For example, you could build an indoor air quality monitor to test the CO₂ levels in your classroom! Visit eait.uq.edu.au/community/high-school-activities/our-workshops for a list of our workshops.
2. **Run an information session for students** who are considering senior subjects in Maths, Physics, Design, , EngineeringEarth & Environmental Science, ICT or Chemistry. Talk about why you chose your subjects and what you think of them. UQ students can also attend this session to provide their perspective. Email ambassador@eait.uq.edu.au to organise.
3. **Invite a UQ Researcher** to talk to your class about your discipline of interest and what the future in the industry might look like. Email ambassador@eait.uq.edu.au to organise.

UQ will support you by

Providing information about engineering, design and computing events, opportunities, resources and careers through:

- A monthly e-newsletter
- Inviting and sponsoring Ambassadors to attend selected STEM events.
- Promoting information on upcoming STEM events, opportunities and initiatives. You might like to place this information on your school noticeboard, newsletter, website, or Facebook page, or you could organise to make an announcement at school assembly.

How your teachers can help

We encourage you to seek the support of your teachers so you can achieve the following:

- Take on a leadership role within the school.
- Prepare newsletter items, assembly speeches, daily notices, web pages, etc. to promote relevant engineering, design and computing events and initiatives.
- Represent your school at external functions (where appropriate).
- Assist in the organisation of National Science Week activities and other related events (e.g. engineering, design or computing hands-on activities or demonstrations at your school Open Day).

Need help?

If you require any advice or support, you may reach out to:
Your school's Head of STEM, Design or Geography teachers

The UQ Engineering, Design and Computing Ambassador Program Coordinator, Helen Burdon, at ambassador@eait.uq.edu.au

Submit an Ambassador Activity Report

As an Ambassador, it's important to keep track of your activities throughout the year and prepare a report summarising your contributions by the end of October. This report will be used to evaluate and determine who will receive the UQ Engineering, Design and Computing Ambassador Prize for the year 2025.

What should the report include?

The report should provide a summary of any engineering, design, or computing-related activities you and your school have taken part in.

UQ will provide you with a template to use.

You should include details of your involvement as an Ambassador, and how you raised awareness of engineering, design, and computing in your school.

Make sure to include images from events, school announcements you wrote, and any posters or materials you created.

- The report should be in digital format and submitted via email to UQ.
- You may create a video, slideshow, or a PDF/Word document.

What is the prize for the winner?

The most active, productive, and creative individual or team of Ambassadors will receive a prize at the end of the school year, along with a certificate of achievement for being the top performer.

Don't hesitate to keep us updated on your activities and let us know if we can provide any help in promoting engineering,



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