



9 March 2022

THE FUTURE OF ENGINEERING IS NOW

Mechatronics engineering has been recognised by Queensland's engineering authority as an approved area of engineering.

Engineers practising in the interdisciplinary branch – connecting mechanical systems, electronic systems, information technology and control systems – will now be able to apply to become a registered professional engineer of Queensland (**RPEQ**) – mechatronics.

The Board of Professional Engineers of Queensland (**BPEQ**) chairperson, Andrew Seccombe, said that by recognising mechatronics, BPEQ was supporting the future of engineering.

“Engineering helps us each and every day and with the growth of smart technologies, automation and robotics, which require mechatronics engineering, the demand for engineering expertise will only increase,” said Mr Seccombe.

“Take a look around your home or workplace and chances are many of the technologies you use every day have mechatronic components – whitegoods, ATMs, cars, smart phones.

“Into the future, mechatronics engineers will help design autonomous cars and create biomedical devices that fully replicate functions of the human body.

“BPEQ is responsible for upholding engineering standards and protecting the public by ensuring complex engineering work is only carried out by qualified and competent professionals.

“Knowing the importance of and demand for mechatronics engineering into the future, BPEQ as the leading engineering authority in Australia, has taken proactive steps to recognise this area and create a pathway to becoming a RPEQ for mechatronics engineers.”

In Queensland, the *Professional Engineers Act 2002* requires that any person carrying out professional engineering services is registered with BPEQ in an approved area of engineering.

Engineers seeking registration in mechatronics can request an eligibility assessment to become a RPEQ through BPEQ's approved assessment entity, Engineers Australia.

Australian engineering academics agreed on the following definition for mechatronics: mechatronics engineering is the engineering discipline concerned with the research, design, implementation and maintenance of intelligent engineered products and processes enabled by the integration of mechanical, electronic, computer, and software engineering technologies.

For more information on how to become a RPEQ visit bpeq.qld.gov.au/registration/become-a-rpeq/.

ENDS

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About the Board of Professional Engineers of Queensland

The Board of Professional Engineers of Queensland (**BPEQ**) is an independent statutory body. BPEQ has administered the *Professional Engineers Act (PE Act)* and managed the registered professional engineer of Queensland (**RPEQ**) system since 1930.

The PE Act requires that any person carrying out professional engineering services is registered with BPEQ in an approved area of engineering.

BPEQ is charged with investigating and prosecuting unsatisfactory professional conduct by RPEQs and breaches of the PE Act (e.g. carrying out a professional engineering service when unregistered).

BPEQ registers over 17,000 RPEQs in Queensland, interstate and overseas.

Website: bpeq.qld.gov.au