

# ENGINEERS AUSTRALIA

## ACCREDITATION BOARD

### ACCREDITATION MANAGEMENT SYSTEM

### EDUCATION PROGRAMS AT THE LEVEL OF PROFESSIONAL ENGINEER

**Document No.** G07  
**Title** Fields of Specialisation



### DOCUMENT STATUS

Revision	Prepared by	Authorised by	Issue Date
2	Associate Director, Accreditation. Professor Alan Bradley	Chair of the Accreditation Board. Professor Robin King	30/8/08



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## 1. INTRODUCTION

The following are examples of specialist fields included within the title of independent program offerings which are currently accredited at the level of Professional Engineer by Engineers Australia. (DATE OF CURRENCY - May 2008)

## 2. SPECIALIST AREAS

Aeronautical Engineering	Aerospace Avionics	Aerospace Engineering
Agricultural Engineering	Architectural Engineering	Automotive Engineering
Bioinformatics Engineering	Biomedical	Biomedical /Medical Engineering
Biomolecular Engineering	Bioprocess Engineering	Building Engineering
Ceramic Engineering	Chemical & Biological Engineering	Chemical and Biomolecular Engineering
Chemical and Metallurgical Engineering	Chemical Engineering	Civil and Construction Engineering
Civil and Environmental Engineering	Civil and Infrastructure Engineering	Civil and Structural Engineering
Civil Engineering	Civil Management	Communication Engineering
Communication Systems Engineering	Communications and Electronic Engineering	Computer and Electronics
Computer Engineering	Computer Network Engineering	Computer Systems Engineering
Construction Engineering	Electrical & Computer Systems Engineering	Electrical & Electronic(s) Engineering
Electrical and Aerospace Engineering	Electrical and Biomedical Engineering	Electrical and Electronic Engineering
Electrical and Mechatronic Engineering	Electrical Engineering	Electrical Engineering - Information Systems
Electrical Power Engineering	Electronic and Communication Engineering	Electronic and Computer Engineering
Electronic Systems	Electronic(s) Engineering	Electronics and Computer Systems
Electronics and Microengineering	Environmental Engineering	General Engineering



Geomatic Engineering	Industrial Chemistry	Industrial Chemistry
Industrial Computer Systems Engineering	Industrial Engineering and Engineering Management	Infomechatronics
Innovation Engineering	Instrumentation and Control	Instrumentation and Control Engineering
Instrumentation Control and Automation	Manufacturing and Engineering Management	Manufacturing and Management Systems
Manufacturing Engineering and Management	Marine and Offshore Systems	Materials and Mechanical Systems
Materials Engineering	Mechanical and Aerospace Engineering	Mechanical and Manufacturing Engineering
Mechanical and Space Engineering	Mechanical Engineering	Mechatronic Engineering/Mechatronics
Mechatronics Systems	Medical Engineering	Metallurgical Engineering – Physical Metallurgy
Metallurgical Engineering – Process Metallurgy	Microelectronic Engineering	Microelectronic Engineering
Mineral Process Engineering	Minerals Engineering	Mining Engineering
Mining Environmental Engineering	Mining Geological Engineering	Mining Geology
Mining Systems	Naval Architecture	Network Engineering
Ocean Engineering	Petroleum Engineering	Pharmaceutical Engineering
Photo Voltaics and Solar Energy Engineering	Photonics	Process Instrumentation and Control Engineering
Product Design Engineering	Project Engineering and Management	Renewable Energy Engineering
Robotic Engineering	Robotics and Mechatronics	Software Engineering
Software Systems and Aerospace Engineering	Software Systems Engineering	Structural Engineering
Surveying and Spatial Information Systems	Sustainable Energy Systems	Telecommunication and Network Engineering
Telecommunication Systems	Telecommunications and Internet Technologies	Telecommunications Engineering