



GOVERNANCE BOARD	
Chairman	Mr C. Aitken
EIT Dean	Dr S. Mackay
Independent Member	Prof. D. Fisher Dr. S. Male Mrs. H Lawrance Mr N Fernandes
Staff Representative	Mrs S. Pretorius
Secretary	Mrs C. Patterson

MANAGEMENT TEAM	
Dean	Dr S. Mackay
Deputy Dean	Mr S. Steyn
Business Development Manager	Mr K. Baker
Office & Human Resource Manager	Mrs L. Chisari
College Manager	Mr P. Celenza
Marketing Manager	Ms C. Asenjo
Accreditation & Compliance Manager	Mrs C. Patterson
Publishing Manager	Ms V. MacDonald
Conference Manager (IDC Technologies)	Ms S. Montgomery

ACADEMIC BOARD	
Chairman	Prof A. Kalam
EIT Representative	Dr S. Mackay
Teaching Representatives	Mr T. Cousins Mr T. Blackburn Mr M. Shuttleworth Mr D. Reynders
Invited Members	Mr J. Russell
Secretary	Mrs C. Patterson

PERTH - ADMINISTRATION and SUPPORT STAFF	
<b>Finance</b>	<b>Learning Coordinators</b>
Accountant: Mrs N. Davis	Ms H. Adams
Finance Manager: Ms I. Kuhn	Ms A. Tran
Finance Assistant: Mrs M. Anover	Mrs B. McDonald
<b>Course Advisors &amp; Student Support</b>	Ms J. Veness
Mr J. Mclsaac	Ms N. Holland
Mr L. Hogan	Ms L. Chapman
Mr J. Mackay	Ms R. Clarke
<b>IT Support</b>	Ms J. Adair
IT Manager: Mr K. Li	<b>Marketing Coordinators</b>
<b>Administrative Assistant</b>	Ms R. Kennedy
Ms M. Harris	Mr B. Lohoar
<b>Public Relations</b>	Mrs A. Gray
Mrs E. Ross	Mrs S. Pretorius
<b>Project Engineer</b>	Ms E. Newby
Mr J. Theodosiadis	Ms C. Mackay
<b>Conference Coordinator (IDC)</b>	
Mr J. Madeley	
<b>SOUTH AFRICA</b>	<b>UK</b>
Ms C. Segal (Regional Manager)	Ms C. Moverley
Ms A. Pamuri (Office Manager – Accounts)	Ms A. Brown
Ms R. Mokwana (Learning Coordinator)	<b>INDIA</b>
Ms I. Sibanda (Learning Coordinator)	Mr G. Radhakrishnan
Ms S. Mthombeni (Accounts Admin)	Ms N. Yourey
Ms S. Pakamisa (Learning Coordinator)	<b>USA</b>
Mr. Q. Potgieter (Journalist)	Ms M. Davidson

COURSE ADVISORY COMMITTEE
Course Advisory Committees (CACs) are developed as needed to oversee the development of new courses. Members are invited based on their relevant expertise in relation to the course under development. Internal staff members Mr Steve Mackay (Dean) and Mr Steve Steyn (Deputy Dean) are members on all CACs

BOARD OF STUDIES	
Chairman	Mr S. Steyn
Standing Members	Dr. S. Mackay (EIT Dean) Mr P. Maj (Lecturer) Mr J. Lawrence (Lecturer) Mr P. Celenza (E-Learning Manager) Ms C. Patterson (Accreditation Manager) Mrs B. McDonald (Course Coordinator) Ms A. Tran (Course Coordinator) Ms N. Holland (Course Coordinator)
Invited Members	Lecturers from units under review
Student Rep	Volunteer from the student body

# Governance Board

## **Mr Colin Aitken**

*Bachelor of Accounting Science (Hons)(distinction in Income Tax), CPA*

Colin is the Chief Financial Officer of Milne Agrigroup, one of the larger agribusinesses in Australia. Colin is responsible for the Group's treasury function, manages external investments, taxation and insurance of the Group. He is a member of the Group's Executive Committee.

Prior to joining Milne Agrigroup in December 2002 he was Corporate Analyst and Planner for the Peters and Brownes Group (1986 - 2002) and managed key long term financial planning models and as well as investor liaison.

Colin was awarded a Bachelor of Accounting Science (Hons) degree and is a member of the Institute Chartered Accountants.

## **Dr Steve Mackay**

*PhD (Business and Education), CP Eng, FIE (Aust) BSc(ElecEng), BSc(Hons), MBA, MMR  
Technical Director, Engineering Institute of Technology*

Steve has worked in engineering throughout Australia, Europe, Africa and North America for the past 30 years. He has presented numerous industrial automation and industrial data communications courses world-wide to over 18,000 engineers and technicians, and has a particular interest in practical and leading edge aspects of marketing, business and engineering practice.

He is a fellow of Engineers Australia and the technical director and founder of Engineering Institute of Technology and IDC Technologies. IDC is a growing engineering training and publishing firm which has been operating from offices throughout the world since 1992. He has also acted as the author or editor of over 30 engineering textbooks sold throughout the world. He feels that all engineering businesses need to think global and to keep experimenting with new approaches. He is currently leading a team of two design engineers and four programmers in creating a new video conferencing software package with remote labs which he believes will make a marked impact on engineering training.

## **Prof. Darrell Fisher**

*(PhD, FACE)*

Darrell Fisher is a Professor of Science Education in the Science and Mathematics Education Centre at Curtin University, in Perth Western Australia. He also teaches regularly as a visiting professor at the World Maritime University in Sweden in the areas of curriculum development and design, and course and teacher evaluation. He has a PhD from Macquarie University and an extensive publication and presentation record. His research has involved studies of classroom learning environments, including online learning, and their associations with learning outcomes. He has supervised over 90 students to successful completion of their doctoral degrees.

## **Dr Sally Male**

*(BE PhD W.Aust.)*

Senior Research Fellow, School of Electrical, Electronic and Computer Engineering, UWA.

Sally undertakes research in engineering education, higher education, and women in engineering. She has completed projects to improve engineering curricula and gender inclusivity in engineering and computing.

Sally uses quantitative and qualitative methods. She has worked with engineers at all levels, academics and students.

**Ms Helen Lawrance**

*Graduate Certificate in Management (The University of Queensland) 2001 (credited towards MBA); Certificate IV Small Business Management 1998; Certificate in Situational Leadership I and II 2009; Women in Leadership (Advanced Leadership Program) 2012-13*

Helen Lawrance is a higher education accreditation and quality assurance specialist, consulting in the higher education sector since 2012.

Helen has more than 15 years' experience in higher education, gained by working in several different areas of higher education. A short summary includes:

- managing higher education accreditation processes for non-self accrediting institutions as part of the state government regulatory framework prior to TEQSA
- administering university courses in a Queensland university faculty as well as preparing new courses for academic board and senate approval.
- developing quality assurance frameworks; managing and preparing for audits by the former Australian University Quality Agency (AUQA).

The role of Manager Accreditation, Queensland Office of Higher Education (QOHE) included developing and managing higher education approval processes, consistent with national frameworks. Helen was also on the working group to develop the National Guidelines for Higher Education which were underpinned by the National Protocols.

Experience in quality assurance frameworks and embedding quality systems was diversified by working in a regulatory and continuous improvement environment for a state government human services sector, under an ISO framework. A significant contribution to reducing regulatory burden was effected in this role.

**Mr Neil Fernandes**

*Bachelor of Arts (Philosophy)*

Neil Fernandes was formerly the Managing Director at the Central Institute of Technology, having commenced in July 2005. Prior to his appointment at Central, Neil was the Deputy Director-General (Training) in the Department of Education and Training for 18 months and was the inaugural General Manager of WestOne between July 1999 and August 2003.

Neil has held a number of senior positions in the vocational education and training (VET) system in Western Australia over the last 30, and has been instrumental in formulating legislation, policy, strategy and governance arrangements. He is a strong advocate for vocational education and training.

Neil has recently established his own consultancy, Neil C Fernandes Consulting, and is a member of the Training Accreditation Council of Western Australia. He is also a member of the national Education Industry Reference Committee, and an honorary senior fellow of the LH Martin Institute.

**Ms Sharne Pretorius**

*Graduate Diploma of Education (Primary) and Bachelor of Business (Marketing)*

Provides a link to EIT support staff and to the student body.

Currently involved in Business Development and Marketing for IDC & EIT. She is also responsible for the management of student feedback. She previously managed the implementation of eLearning at EIT as the eLearning Manager. Has been with IDC/EIT since 2004.

# Academic Board

## **Prof. Akhtar Kalam**

*BSc, BScEng, MS, PhD*

Professor Akhtar Kalam has been at Victoria University of Technology, Melbourne since 1985 and a former Deputy Dean of the Faculty of Health, Engineering and Science for 7 years.

He has wide experience in educational institutions and industry across four continents. He received his B.Sc. and B.Sc. Engineering from Calcutta University and Aligarh Muslim University, India in 1969 and 1973 respectively. He completed his MS and Ph.D. at the University of Oklahoma, USA and the University of Bath, UK in 1975 and 1981 respectively. He has worked with Ingersoll Rand and other electrical manufacturers. He has held teaching appointments at the University of Technology, Baghdad, Iraq and Capricornia Institute of Advanced Education, Rockhampton, Queensland.

He is regularly invited to deliver lectures, work on industrial projects and examine external thesis overseas. His major areas of interests are power system analysis, communication, control, protection and cogeneration systems. He has been actively engaged in the teaching of Energy Systems to undergraduates, postgraduates and providing professional courses to the industry both in Australia and overseas. He regularly offers professional development courses on Power System Protection, Renewable Energy and Cogeneration & Gas Turbine Operation to the Energy Supply Association of Australia (ESAA) and Australian Power Institute (API). He also runs postgraduate distance education programme on Power System Protection for the ESAA. He has conducted research, provided industrial consultancy and published over three hundred and twenty publications on his area of expertise and written over 27 books in the area. Professor Kalam is a Fellow of EA, IET and a member of IEEE.

## **Dr Steve Mackay (see Governance Board above)**

## **Mr Terry Cousins**

*BSc (Elec Eng)*

Terry completed a BSc (Electrical Engineering) degree in 1977 and since then has also attained a bachelor of commerce and Masters of Business Leadership degrees from the University of South Africa.

Terry's first job was as an engineer-in-training with the electrical systems division of the South African Iron and Steel Corporation (ISCOR). In 1981 he joined the systems engineering branch of the Chamber of Mines Research Organisation. In 1986 he became chief of the engineering systems division and was made acting Manager of the Engineering Branch the following year.

In 1988 Terry co-founded TLC Software with two colleagues. The company's objective was to develop and sell engineering software solutions for the industrial market. Terry is on the South African Bureau of Standards committee for power quality instruments (SABS 1816:2000), which is revising the current South African national power quality standard. As a senior member of the South African Institute of Electrical Engineers, Terry has authored several papers on power distribution and power quality for local and international magazines.

## **Mr Deon Reynders**

*BSc, BEng (Electro-technical), BSc Eng (Hons) (Electronics), MBA*

An Electronics Engineer with over 40 years postgraduate experience encompassing middle management, engineering consulting, management consulting, hardware and software development, systems engineering, project management, marketing, and

industrial relations. He also is an experienced teacher with HOD and Governing Board experience at University level.

**Mr Trevor Blackburn**

*PhD, MIET, MIEEE, CEng*

Has over thirty years experience in researching, teaching and consulting in the field of power system equipment. He is a member of a number of international working groups of CIGRE. Although still actively involved in research; he is a consultant to the electrical supply industry and has published numerous papers.

**Mr Mark Shuttleworth**

*GradDipCommSys, BA, ACEEng, CIVTAE*

Has up to 30 years experience in electronics and communications engineering. Began his career gaining industrial experience in various electronic communication companies and departments. Currently works as an advanced skills lecturer for TAFE in telecommunications and oil and gas engineering. Further, he also works as a consultant communication systems engineer in his partnership business Shuttleworth Engineering Training and Consulting.

**Mr Jim Russell**

*BSc M IICA*

Jim has been working in the Instrument and Control engineering discipline for over 40 years, mainly in the oil and gas industry. After studying in the UK, he started his career as an Instrument Apprentice with Esso Fawley, rapidly followed up as an Instrument Engineer with British Gas, which he regarded as his "real apprenticeship".

On moving to Australia, he then progressed to Instrument Engineer with Worley Engineering on the Woodside Energy North Rankin "A" platform, before becoming the Instrument focal point at WAPET. Following this his role was Lead Control Systems Engineer on the Woodside Energy Goodwyn A platform design with responsibility for the Process Control and Safety Systems, where he pioneered the successful introduction of new technologies such as industrial data communications underpinning the traditional instrumentation and Distributed control Systems. After successful completion of this project Jim joined rapidly growing Australian multinational, Woodside Energy, as Principal Instrument Engineer with responsibilities for standards, technical integrity, new technology and instrument systems.

Jim now consults in a wide range of mainly oil and gas topics. As a public service to engineering professionals, Jim has set up what must surely be one of most comprehensive (free or pro bono) resources on Instrumentation, Control, Fire and Gas and Safety System called iceweb ( <http://www.iceweb.com.au>). He has also acted as chair of the Foundation Fieldbus End User Council Australia, one of only five engineers worldwide who are members of the Foundation Fieldbus End User Advisory Council. When not consulting and reading, Jim enjoys time with his family and at his beloved beachside cottage "down south".