A DRIVING FORCE

AUTOMOTIVE, TRANSPORT AND LOGISTICS
I am pleased to present this overview of RMIT University’s capability and expertise in automotive, transport and logistics. This publication includes highlights of our expertise, innovation and collaboration with and in support of the national and international industry in this key sector.

With our enduring and extensive connections to the automotive, transport and logistics industry, we work with world-leading organisations to provide solutions, new ideas and processes that deliver real outcomes for this global industry.

Collaboration between universities and industry is essential for the sustained growth and development of this sector nationally and globally.

There are multiple layers of engagement between industry and RMIT. We welcome, acknowledge and encourage your further engagement with RMIT University.

Professor Margaret Gardner AO
Vice-Chancellor and President
RMIT University
RMIT UNIVERSITY – SNAPSHOT

RMIT University is a global university of technology and design, focused on creating solutions that transform the future for the benefit of people and their environments.

Ranked with the Best

RMIT is ranked as a 5-Star university in the QS* Stars international evaluation system. In the 2013 QS World University rankings, RMIT rated as one of the top 100 universities in the world for Computer Science and Information Systems, Accounting and Finance, and Communication and Media. In the same rankings, RMIT is also placed in the top 15 universities in Australia.

In the Excellence in Research for Australia assessment by the Australian Research Council (ARC), 85 per cent of RMIT’s fields of research were rated as “above” or “well above” world standard (2012). In Australia, the University is ranked 6th for the number of Linkage grants it receives from the ARC (2013).

The University has a global reputation for excellence in professional and practical education programs and high quality outcome-oriented research. A truly global university, RMIT has more than 82,000 students, including over 30,000 international students drawn from more than 100 countries around the world.

*QS Quacquarelli Symonds World University rankings

An International University

RMIT won the Victorian Government’s “Excellence in International Education University” award in 2013. The university has three campuses in Melbourne, Australia – Melbourne CBD, Brunswick and Bundoora; two in Vietnam – in Hanoi and Ho Chi Minh City; and a centre in Barcelona, Spain. We also offer programs through partners in Singapore, Hong Kong, mainland China, India, Indonesia, Sri Lanka, Belgium, Spain and Germany, as well as enjoying research and industry partnerships on every continent.

International centres at RMIT include the European Union Centre, Chinese Medicine Confucius Institute, Australia APEC Study Centre and United Nations Global Compact Cities Programme.

Industry and Community Connections

Our extensive range of programs – from vocational through to postgraduate – maintain currency and relevance thanks to the University’s teaching and research connections with industry, community partners and leading universities around the world. Student and staff mobility is actively encouraged through our international partners for student exchange.

As one of the world’s most international universities, RMIT is proud of the strong industry links it has forged over its history. Collaborating with industry to provide solutions and innovations that deliver real outcomes is an integral part of our teaching, learning and research.

WORKING WITH RMIT

RMIT is extremely well equipped to work with companies and organisations in the automotive, transport and logistics sector – not only in the key areas of design and technical development, but also drawing on the University’s diverse expertise and training programs in areas such as business, communications, IT and science.

With specific capabilities in industrial design, materials science, data retrieval, occupational health and safety, food technology, project and systems management, and other relevant areas, RMIT offers a wide range of practical support to the industry as it evolves to meet the challenges of competition and demand in the global environment.

Swanston Academic Building
Internal combustion engines are tried and tested. It’s the kind of excellent, reliable technology that shouldn’t be abandoned because we face different circumstances and challenges – we need to look for new solutions and ways to adapt, modify and build on what we have.

While some manufacturers have responded to environmental concerns by moving away from internal combustion altogether in favour of battery or fuel cell-powered electric cars, the approach at RMIT’s Green Engines Research Facility is to work with the local and international automotive industry to push the existing technology far beyond its current boundaries. The first of its kind in the Asia-Pacific, the $10 million lab opened earlier this year after three years of intense development. Its focus is the investigation of every possible alternative fuel – from liquid to gas and multi-fuel platforms – and enabling technologies that could be used in new-generation internal combustion engines. The aim is to identify strategic improvements and innovations to combustion and fuel delivery systems for engines that are cleaner, more efficient and better adapted to our 21st century carbon-constrained economy.

The first research projects funded through the AutoCRC (Cooperative Research Centre for Advanced Automotive Technology) have also begun, focusing on gaseous fuels vehicle technologies, including liquid natural gas (LNG) conversion for heavy vehicles. Natural gas releases less carbon dioxide per unit of energy than oil, so making the switch offers a relatively quick way to cut emissions with little change to overall transport infrastructure.

As one of the largest car companies in the world, Kia/Hyundai Motors is spear-heading research into sustainable automotive solutions. RMIT researchers spent time at the Kia/Hyundai research centre outside of Seoul, South Korea, where they delivered a short course to engineers, followed by three weeks of wind noise and atmospheric turbulence measurements.

For this, a range of cars were equipped with sophisticated instruments to measure wind speed, including wind gusts, road speed and in-cabin noise. This involved driving on the company’s high-speed proving ground and similar measurements in its full-size aero-acoustic wind tunnel, with subsequent analysis at RMIT and Kia/Hyundai Motors.

RMIT research into the nuances of wind noise, and especially how noise gets affected by turbulence, is of increasing concern to car companies worldwide – particularly with the emergence of quiet, all electric cars. This research expands on current work into sustainable automotive technologies at RMIT – one of the University’s key research focuses in this field.

Advanced lightweight materials and structures are recognised as one of the keys to reducing the CO₂ emissions from road transport, which account for 14 per cent of global carbon emissions. Reducing vehicle emissions to meet stringent global standards will require a radical transformation in material technology and design methodology, to include advanced light-weight materials such as carbon-fibre composites in high-volume automotive applications.

A joint research project funded by the Australian Research Council under the Linkage program, brings together a large team of researchers from RMIT, Deakin University, University of Miami, and Teledyne Technologies, to work closely with Carbon Revolution – an Australian company, on improving the design and safety management of carbon-fibre composite wheels.
‘Working with RMIT over the past two years has been extremely beneficial to both parties. ‘It has enabled us to pursue novel, difficult and time-consuming developments that we would not have otherwise had the resources, including the intellectual resources, to deliver.’

Tony Baxter
Engineering Manager, Seating Structures, Futuris Automotive

Sitting Pretty
When you sit in your car and adjust your seat, the last thing you think about is how efficient the sliding rails are that it moves on. RMIT’s Applied Optimisation Group is working with Futuris Automotive on automotive seat optimisation for the Tesla Model S seat system. In the Model S seat system – designed and supplied by RMIT – mass optimisation is critical, but this has to be without compromise to the very high level of comfort, safety and functionality required by today’s consumer.

Futuris designs and manufactures automotive interior components including seat systems and seat hardware. Other collaborative projects in progress include work on shape memory alloy actuators, high strain rate fracture, and integrated actuators – potentially more ground-breaking research and products to keep Futuris ahead in the global automotive market.

Paint that Helps to Cool Cars
Researchers at RMIT’s Rheology and Materials Processing Centre are working on pigments for automotive paint that can provide not just visual appeal but extra functionality, such as heat reflection. By reducing the absorption of heat in the form of solar near-infrared radiation, a vehicle’s internal temperature can be significantly reduced – leading to improved comfort and a reduced need for air-conditioning.

For industry needs, the research has focused on fluorescent pigments, resulting in the development of polymeric nanopigment technology – which can be used for a variety of consumer products and has been licensed to Aron International, a large pigment manufacturer that exports to more than 45 countries.

The main benefits of the pigments are improved light fastness, thermal stability, and reduced leaching, while maintaining fluorescence and colouristic properties of the product. Replacing heavy metal-based pigments also helps protect the environment.

Human Comfort vs Energy Saving
A substantial downside of new generation energy-saving vehicles is the restricted amount of energy available within the vehicle for the maintenance of environmental human comfort and wellbeing of the driver and the passengers. As the heat exchange between the human body and the environment are influenced by radiation and conduction within the interior, positioning of heating or cooling sources within the vehicle is of upmost importance. However this scientific problem cannot be separated from the clothing worn by the driver or passengers and also materials surrounding them in the interior of the automobile.

RMIT researchers in collaboration with Technical University of Munich are working on new concepts of human localised and global comfort perceptions combined with the smart responsive apparel and materials which are in direct contact with the human body.

Researchers aim at developing a “comfort model” for an interior of the new generation of energy-efficient vehicle which will take into consideration mapping of an interior, human body and their interaction through materials and clothing.

Next Generation Biofuels
RMIT’s multidisciplinary research into transition fuels is focused on a range of fuel sources as viable options to meet Australia’s transport fuel needs over the next 20-30 years. Research on transition fuels is complemented by investigations into sustainable fuel sources such as cellulosic biofuels and algae biofuels.

RMIT’s expertise in transition fuels and biofuels is helping to explore how to actually shift from older, more heavily polluting technology to cleaner and possibly greener ways of keeping transport in the air and on the road.
TRANSPORT, LOGISTICS and SUPPLY CHAIN MANAGEMENT

RMIT offers a range of high-tech computing facilities to conduct complex modelling of logistics systems and supply chain simulations.

Our researchers have developed an urban data system, which includes census, transportation, environmental and economic datasets. RMIT’s strength lies in retail logistics, port management, strategic procurement, transport economics, supply chain simulation and spatial modelling.

Logistics and Transport – Workplace Productivity

RMIT and the Transport and Logistics Industry Skills Council (TLISC) are working on a joint research project that explores the relationship between skilling and workplace productivity. The research will provide an evidence base for the development and focus of skills enhancement and training. TLISC develops national training packages for the sector, training providers and industry.

It is expected to produce:

— Effective workforce skilling policies, including sound training investment strategies, structures and guidelines for national qualifications.
— Carefully targeted programs providing relevant skills for effective workplace productivity and industry competitiveness.
— A skilling/productivity evaluation template to enable organisations to measure, monitor and improve the impact of skilling on workplace productivity.
— A series of policy seminars and industry workshops to share the findings and stimulate policy development.

Cost-Effective Warehouse Operations for SMEs

A two-year project will apply smartphone technology, Artificial Intelligence techniques, advanced data mining and dynamic optimisation techniques to optimise warehouse operations for SMEs. The aim is to reduce the cost of daily warehouse operations, reduce human error, and to streamline processes.

RMIT will collaborate with a range of partner organisations including CSIRO, Shiny Pty Ltd, Federation Logistics and the Australasian Production and Inventory Control Society, to ensure they address the specific needs of Australian SMEs, who cannot usually afford expensive enterprise solutions.

Backed by a $500,000 grant from the Victorian Government’s Department of Business and Innovation Digital Futures Fund, this will be an advanced but cost-effective solution, which can increase productivity and reduce running costs, particularly desirable in the current tough economic environment and will benefit many SMEs in Australia and overseas.

Right on Time for Repco

Imagine that you are responsible for delivering the right item in the right quantity at the right time at the right place for the right price.

To do this for Repco – the largest automotive aftermarket parts supplier in Australia and New Zealand – RMIT researchers have developed an agile distribution system. The system has the capacity to optimise a company’s logistics network for scheduling and routing deliveries from retail stores to trade customers.

The research has identified areas of economic value, developed a delivery cost model, and resulted in recommendations to reduce cost, minimise delivery time, achieve efficiency gain and implement a sustainable distribution model, all with a better carbon footprint for Repco.
Silent and Green – the Future of Aussie Trucking

Australia’s first hydrogen fuel cell truck – a result of RMIT University research – demonstrates how vehicle design and new sustainable technologies can make freight transport clean, green and silent.

The small-scale model – an exact replica of the Scania Highline series – is operated by remote control and simulates the performance of a long-haul diesel truck, typically used between Melbourne and Sydney.

This latest innovation stems from RMIT’s comprehensive research into sustainable mobility involving hydrogen technologies. The University is also researching production of hydrogen using photovoltaic arrays and electrolyser, and solid state hydrogen storage.

The hydrogen-powered electrical system also supplies power for truck air-conditioning and radio, along with a trailer refrigeration unit. Hydrogen refilling stations are powered through solar PV panels. A wireless data system is used to monitor truck performance and collect the critical data, such as hydrogen consumption rate and electrical power supply.

Easing Commuter Gridlock

The pain of commuter gridlock will be eased as a result of RMIT research into an integrated passenger travel and public transport service information system. It will provide commuters with access to real-time travel information for all forms of transport, allowing them to change their route when there is a delay.

The team will design an extensible service-oriented system to manage legacy databases, applications and analytical tools, to provide a unique framework for Public Transport Victoria (PTV) to link buses, trains and trams into one transport system. The system would have a single interface but operate in two modes, for the general public and city planners.

This project is funded by an Australian Research Council Linkage grant and the PTV and is also supported by the Victorian Partnership for Advanced Computing.

Software Project Supports Submarine Tactics

RMIT University researchers are using intelligent agent technology to develop new submarine tactics software in a government-funded project. The Defence Science and Technology Organisation (DSTO), the lead Department of Defence research agency, has awarded a grant for the project, which will be used to evaluate submarine tactics in a range of underwater mission scenarios.

The research agreement aims to establish a conceptual framework for encoding tactical behaviours in an undersea warfare domain using an “Agent Oriented Software Engineering” approach. The framework will support the development of DSTO’s scenario-based Maritime Domain Tactical Simulation using the JACK Intelligent Agent model, which is a core component for modelling tactical behaviours.

The expectation is that code developed under the guidelines of the Tactics Development Framework is self-documenting to aid code reuse, will structure code implementation to achieve a level of ‘plug and play’ to meet different study needs, and will speed up future development by offering developers templates to adapt instead of starting from a blank sheet.

This tactical simulation is intended to support both current and future Australian maritime capability analysis.
Adapting our Ports to a Changing Climate

Australia’s seaports will be made more “climate-proof” with the help of research by RMIT researchers, who are working with industry and government bodies across Australia.

With a grant from the National Climate Change Adaptation Research Facility, the team will conduct cutting-edge research into enhancing the resilience of seaports to a changing climate. The objective is to develop a better understanding of the vulnerability of critical seaport infrastructure (structural and functional), and provide new methodologies for enhancing port resilience to future climate change.

RMIT will work closely with a wide range of stakeholders including Ports Australia, South East Councils Climate Change Alliance, the Transport and Logistics Industry Skills Council, the National Transport Commission, the Maritime Union of Australia, and Shipping Australia. It will also include opportunities for international engagement with other major ports, such as London, Rotterdam and New York.

Naval Research

Through a $1 million grant from the United States Office of Naval Research, RMIT University and Virginia Tech are collaborating to improve the fire safety of ships. RMIT researchers are investigating models to predict the softening and failure of aluminium ship structures.

The project involves numerical modelling of complex structures, combined with experimental testing using state-of-the-art research facilities at RMIT and in the US. It will develop models to predict the survivability of aluminium ship structures in fires, increasing the safety of passengers and crew.

RMIT has already developed new models that allow design engineers to improve the fire safety of engineering structures built using lightweight materials. The research also has wider applications for aircraft, buildings, bridges and many other engineering structures. The RMIT-ONR research has already won two international research awards.

Optimising the Global Supply Chain

An RMIT research team is working with adidas to help achieve excellence in the sustainable manufacturing of sports apparel and footwear across the company’s entire supply chain.

RMIT researchers in supply chain management; sustainable manufacturing, development and energy; sports technology; and textiles will work on the project.

The first phase of the project involves identifying the sustainable manufacturing capabilities and requirements of the adidas Group’s suppliers in Indonesia; the second phase involves a series of improvement projects aimed at building supplier excellence and implementing new sustainability strategies.

The research aims to generate new knowledge and practices in the manufacturing of sports footwear and apparel to ensure the ongoing competitiveness and leadership of the adidas Group’s suppliers internationally. Ultimately, standardised training for manufacturing operations in Indonesia, China and Vietnam would be considered as a final phase of the project.
Green Engines Research Facility
Supporting the local and international automotive industry, RMIT’s Green Engines Research Facility aims to identify strategic improvements and innovations to help develop engines that are cleaner, more efficient and better adapted to a carbon-constrained 21st century.

It includes two dedicated test facilities designed in collaboration with one of Europe’s leading centres for combustion engine research, Sweden’s Chalmers University of Technology, plus Volvo and AVL engineering staff, multi-cylinder engine testing, laser diagnostics, single cylinder and spray-vessel research.

Advanced Manufacturing Supporting Australian Industry
Recognising the importance of manufacturing to Australia’s economy, RMIT’s Advanced Manufacturing Precinct (AMP) was established to meet the challenges facing industry and to enhance Australia’s competitiveness in global markets.

The AMP offers access to research, skill development, product design and testing across the full scope of the manufacturing process. With a focus on additive technologies, high speed manufacturing and rapid prototyping, it enables industry to develop specialised products and processes of significant commercial gain.

Based in Carlton, at the edge of Melbourne’s CBD, it links research, education and industry across design, engineering and science, enabling customisation of innovative design solutions.

GEElab – Enhancing the Driving Experience
Established in 2011, GEElab – RMIT’s Games and Experimental Entertainment Laboratory – is part of a significant research and development investment in Games at RMIT University. Based in Karlsruhe, Germany, and Melbourne, Australia, RMIT’s GEElab is a creative think and design tank for the future of games and entertainment.

Automotive Laboratories
Students undertaking research in propulsion and engine management have access to these laboratories, as well as to dynamometers and a racing vehicle. This area of research, including design of engine performance, is supported by the RMIT’s FSAE racing team.

Dynamics Laboratories
RMIT’s Dynamics Laboratories provide researchers with access to test machines including: laser vibrometer, shock absorber dyno, high-speed camera and an acoustics chamber.

Aerodynamics
RMIT’s Industrial Wind Tunnel has a maximum test speed of about 140 km/h and a test section three metres wide, two metres high and nine metres long.
The Advanced Manufacturing Precinct (above and right) uses new industrial platform technologies to enable innovative ways of using composite materials.

**Acoustics and Vibration**
- Noise Vibration Harshness Centre of Expertise with LMS International, a Belgium-based technology partner for automotive and aerospace industries.
- Researchers with decades of experience in automotive and industrial noise, and vibration diagnostics and reduction.
- State-of-the-art Diagnostic equipment: acoustic camera, phased microphone array, laser vibrometer, and high speed video camera.

**Additional Specialist Facilities:**
RMIT has specialised laboratories and research facilities across each of the following areas:
- CAD / CFD / CAE Engineering
- Composite and Polymer
- Material Testing / Fatigue Testing
- Measurements
- Mechatronics
- Rapid Prototyping
- Rheology and Materials
- Thermodynamics and Renewable Energy
GLOBAL PARTNERSHIPS

Offering advanced research facilities, work-relevant education, global research connections and deep expertise in automotive, transport and logistics the University is committed to working with its partners to lead and support major advancements within the sector.

Intensely engaged in the development of new advanced automotive technologies, RMIT University’s international standing of this key research discipline is being further enhanced through the joint organisation of the 5th International Conference on Sustainable Automotive Technologies – ICSAT 2013 – with the University of Applied Sciences in Ingolstadt, Germany.

RMIT Europe Opens in Barcelona
RMIT University now has a centre in Barcelona, Spain which is focusing on servicing and expanding the University’s European footprint and connections. RMIT Europe will build on existing relationships and develop new collaborative agreements with universities, and industry and civic bodies across Europe to deliver innovative dual degrees, student and staff mobility programs, PhD programs and research partnerships.

It will also provide an opportunity to link RMIT activity in Australia, Asia and Latin America with our partners in Europe. RMIT Europe’s Barcelona site is at Carrer de Minerva 2, Barcelona, Spain.

Scuderia Ferrari F1 Engine Leader Joins RMIT
Scuderia Ferrari’s Dr Luca Marmorini has been appointed as an Adjunct Professor at RMIT, strengthening the University’s leadership in automotive engineering.

Dr Marmorini’s appointment will enable RMIT researchers and students to draw on the knowledge and strategic thinking of a global leader at the forefront of engine technologies in Formula One, the most demanding field of automotive engineering and a driver of innovation in the automotive industry.

During his appointment, Dr Marmorini will deliver seminar presentations and provide strategic advice to doctoral researchers and staff on potential areas of engine research, including leading-edge experimental studies at RMIT’s Green Engines Research Facility.

Driving into the Future – RMIT and Audi
Using holographic 3D projection, gestural interaction and location awareness, researchers from RMIT’s Games and Experimental Entertainment Laboratory (GEELab) have developed a conceptual rear seat system to entertain and inform passengers. Sponsored by Audi, this research was presented at the Audi Urban Future Summit, during the 64th International Motor Show in Frankfurt, Germany in 2012.

The system enables, for example, young passengers to learn about their city in a playful fashion, while being connected to both the vehicle, their parents driving with them and the locations they pass by.

A prototype is in the planning and may appear in cars within the next five years. The technology can be used to share information with children and parents in the vehicle about their surroundings – such as local landmarks, bus stations, zoos – and can also act as a virtual office by enabling passengers to use the system as an interactive computer.

RMIT’s GEELab has offices in Melbourne, Australia and Karlsruhe, Germany. For more information on GEELab see page 10.
RIIERP—
REAP THE GLOBAL REWARDS

The RMIT International Industry Experience and Research Program (RIIERP) is the only one of its kind in Australia.

It provides opportunities for students and research fellows across all RMIT disciplines to undertake international work experience and research, with leading organisations in Europe, North America and Asia over a period of three, six or 12 months.

Through RIIERP, organisations enter into a unique partnership with RMIT. Currently, there are 165 international companies involved in the program including such globally respected names as Audi, Bentley Motors, Renault, BMW, Peugeot, and TNO-Automotive.

The program not only supports the development of some of our most talented students, but also opens up a wide range of opportunities for on-going research and collaboration.

Australian First with BMW
An RMIT University student has become the first Australian to undertake an industry-based PhD with BMW in Munich, Germany. Through the RIIERP program at RMIT, Kristian Haehndel's research aims to establish a reliable method for predicting vehicle body thermal environments, which is highly significant in the design, optimisation and management of vehicle power systems.

German industry has a well-tested tradition of working with global academic institutions like RMIT to support the delivery of doctoral programs.

Next Stop Lyon, France
An RMIT University Electrical Engineering student, Hansley Maudhub, spent six months with Yarra Trams in Melbourne and is completing a year-long internship at the French parent company of Yarra Trams – the first of its kind to be awarded.

With the assistance of RMIT's International Industry Experience and Research Program, Mr Maudhub will observe the differences between the tram network in Melbourne, Australia – which is very old, and the one in Lyon, France – which is very new. He will use the opportunity to bring new designs and concepts back to Australia to improve Melbourne's iconic tram network. Yarra Trams is operated by KDR Victoria, a partnership between Keolis and Australian infrastructure management company, Downer EDI.
RMIT University delivers tailored workforce development solutions to support your business objectives. We understand that business must continually evolve to meet the rapidly changing needs of the global marketplace.

Keeping V/Line on Track
RMIT has been assisting V/Line’s development of accredited training for its workforce. V/Line is Australia’s largest regional public transport operator, providing hundreds of rail and bus services every day. There are a wide variety of roles within V/Line – some technical, such as track and signal maintenance, others operational in train control and driving, and corporate roles. RMIT has analysed V/Line’s existing training programs for a variety of these roles, from track maintenance to heritage train driving.

Using RMIT’s instructional design capability, the programs have been aligned to the national training package and produced as customised programs that will fully engage the rail workers during each session. The suite of newly developed programs will help V/Line to build workforce capacity and track the qualifications and experience of its employees.

Building Rapport with TNT’s Frontline Managers
TNT Express is part of an international business that delivers parcels, documents and freight around Australia and globally. The company’s origins are in Australia, where Thomas Nationwide Transport was established in 1946.

Driving a sustainable business over the long haul relies heavily on the skills and knowledge of the company’s workforce, so it’s no surprise that TNT Express makes strategic investments in training and development.

RMIT was given the opportunity to develop the Diploma of Logistics program for TNT Express frontline managers, with a delivery model that included on-site training at TNT Express depots around Australia. The program was delivered nationally to about 100 staff and was highly customised to suit TNT’s needs.
LIFT YOUR OUTPUT AND PRODUCTIVITY WITH RMIT

Research shows that training helps lift business output and productivity by increasing market share, and enhances service delivery and product development.

Qualify Online for Logistics
In conjunction with Open Universities Australia, RMIT University is proud to offer the first fully online Diploma of Logistics qualification. The Diploma is designed to support the capability and capacity building of logistics practitioners and enterprises – focusing on strategy, environmental, operational and people management.

The program provides an opportunity to up-skill aspiring leaders and managers in the logistics sector, using a flexible learning methodology that incorporates the logistics work environment with minimal disruption to day-to-day operations.

Executive Education at RMIT
With extensive experience in the design and delivery of customised professional development programs, RMIT’s training integrates management theory with practical skills, and includes the latest technology, research and education concepts.

RMIT also offers a full range of postgraduate business programs that address the challenges of today’s fast-paced and complex global business environment. The programs are designed to foster leadership and strategic thinking, and to help participants maximise their personal and professional capabilities.

Teaching and Learning
For the Automotive, Transport and Logistics sector, RMIT offers a range of undergraduate, postgraduate and vocational degrees and diplomas and traineeships. Our programs are global in focus and practical in application. With more than 120 years of education excellence backed by industry, our qualifications give you the practical skills you need to succeed in a rapidly changing world.

Disciplines include:
- Advanced Manufacturing and Mechatronics
- Automotive Engineering
- Business and Commerce
- Electrical and Electronic Engineering
- Engineering Technology
- Industrial Design
- International Business/Trade
- Logistics
- Mechanical Engineering
- Strategic Procurement
- Supply Chain Management
- Textile Technology

Please contact our customer service centre Info Corner on tel. + 61 3 9925 2260.

Benefits to Business
- Increased quality and productivity through greater accuracy and efficiency of work practices.
- Improved customer satisfaction as a result of better customer service, which boosts customer retention.
- The effective implementation of new technologies, work practices and business strategies.
- Enhanced staff satisfaction and team morale, reducing absenteeism and ongoing recruitment costs.
- Better communication and leadership skills.

Workplace and Community Training
RMIT offers customised training programs to meet the specific requirements of your organisation. Your staff can be trained at our facilities or in the workplace, with programs tailored for accelerated or self-paced learning, supported by access to online resources and RMIT consultants.

Flexible Delivery Programs/Short Courses
A short course can expand interests and skills base, leading to greater employability. RMIT delivers short courses relevant to employees in the automotive, transport, logistics and supply chain industries.

www.shortcourses.rmit.edu.au

Funding Options
RMIT has up-to-date information on funding options to support industry-based projects and will work with key stakeholders to support clients. Funding options include Victorian State-based funding, Federal incentive funding, Federal and State project-based funding and other government initiatives to support the development of workforce capability.

Account Management
An Account Manager is appointed to all industry-based clients to manage the project and work closely with you. The Account Manager has an excellent understanding of the workplace, the client’s needs and provides support to ensure customer service excellence.
Engage with RMIT

RMIT University provides industry-relevant training and education, easy access to research, technical solutions for industry issues, and work-ready graduates for your business.

RMIT’s Industry Engagement team will connect you to the relevant areas of the University for your particular needs.

Contact us for more information:

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www.rmit.edu.au/industry

Disclaimer:

Every effort has been made to ensure the information contained in this publication is accurate and current at the date of printing.  
Printed February 2014.  
CRICOS provider number 00122A.