This practical course focuses on sealed roads in rural environments and is ideal for project/asset managers of roads, senior supervisors, engineers and engineering technologists, working for federal, state, or local agencies, consultants and contractors.

Navigates through the Austroads guide to selection and design of sprayed seals (2018) and presents it in a logically flowing manner. The course commences with a basic-level introduction to functions of a pavement and functions of a pavement surfacing and treatment selection. The focus is then on sprayed sealing, starting with fundamental seal design theory, followed by an explanation of the Austroads design methods for primes and initial seals (primerseals), single/single, double/double, low volume roads, and heavy vehicle roads. Ample time is devoted to tutorials on each of these topics. The differences for airport runway seal designs will also be introduced briefly.

The course finishes with case studies on actual problems.

topics

- Surfacing Materials & Treatments
- Treatment Selection & Tutorial
- Primes and Initial Seals (primerseals) & Case Study
- Single Seal Design
- Low Volume Road Seal Design & Tutorial
- Rural Two-Lane Two-Way Seal Design and Tutorial
- Double Seal Design
- Heavy Vehicle Seal Design & Tutorial
- Designs Including Polymer Modified Binders & Tutorial
- Overtaking-lane design and tutorial
- Introduction to Airport Runway Seal Design
- Workshop on Local Issues

primary presenter

Kym Neaylon  Executive Manger: Professional Development - CPEE

Kym's early civil engineering career was built on a practical basis in local government engineering, state government, road construction and contract superintending before specialising in bituminous pavement surfacing for the last 30 years. Coming from a practical background, his PhD dissertation was the first in Australia in the field of chip sealing. Kym founded the ‘sprayed sealing alliance’ group in 2011 to facilitate the exchange of knowledge between Australia, South Africa and New Zealand spray sealing practitioners. The group now has a membership exceeding 400.

The following Austroads Guide are used as the key reference.

Guide to Pavement Technology
Part 4K: Selection & Design of Sprayed Seals

Register for the partner course “Rural Roads - unsealed” that immediately precedes this course and receive 15% off both course registrations.

Thus each course fee reduced to $637 (early bird) or $701 (regular)!

Please contact Pat on (03) 9890 5155 before registering to obtain your discount code.

As at March 2019

www.pavementeducation.edu.au
who should attend

- State road agency and local government engineers and managers with responsibilities in the provision, approval, design, construction or maintenance of roads & pavements. This also include project managers and senior supervisors.
- Consulting engineers with involvement in road and/or pavement projects.
- Road & Pavement construction contractors, engineers, project managers and supervisors.
- Local Government engineers, project managers and senior supervisors.
- Technical operatives and Engineering graduates and “cadets” looking for specialist knowledge for career development.

CPEE professional development (CPD)

This course, with content based on the relevant CPEE postgraduate distance learning study Unit, is facilitated and delivered by recognised practitioners in the field and is of such technical content that the number of hours involved should be fully acceptable toward Continuing Professional Development (CPD) standing.

organiser & endorsements

Centre for Pavement Engineering and Education (CPEE): This course is presented by CPEE, a non-profit, specialist higher education private provider (roads, pavements & infrastructure asset management), founded by AUSTROADS and the Australian Asphalt Pavement Association (AAPA), CPEE offers Graduate Certificate, Bachelor of Engineering (Honours) and Master of Technology qualifications in roads, pavement engineering and infrastructure asset management, and has formal links to the University of Tasmania.

course size, enquiries & management

Due to its practical nature, numbers are limited for this course so it is advisable that you register quickly to avoid missing out. Its unique and targeted content means this course is unlikely to be offered again in this location for some time.

CPEE is supported by

Austroads: Austroads is the peak organisation of Australasian road transport traffic agencies. Austroads members are the Australian state and territory road transport and traffic authorities, the Department for Infrastructure, Transport, Regional Development and Local Government, the Australian Local Government Association (ALGA), and the New Zealand Transport Agency. Austroads members are collectively responsible for the management of over 900,000 kilometres of roads valued at more than $250 billion representing the single largest community asset in Australia and New Zealand.

IPWEA: The Institute of Public Works Engineering Australia is a professional organisation providing member services and advocacy for those involved in and delivering public works and engineering services to the community. Previously known as the Institute of Municipal Engineering Australia (IMEA), the organisation has expanded its traditional local government engineering focus to public works and thereby covering all levels of government and private practice.

Pavement Recycling and Stabilisation Association (AustStab): The Australian Stabilisation Industry Association is a national organisation set up to educate and inform the civil engineering industry of the environmental and economic advantages of road recycling and all types of stabilisation. Its members are contractors, binder suppliers, government road authorities and plant manufacturers.

Roads Australia: Roads Australia is a not-for-profit, non-political industry association. Members are drawn from all corners of the Australian road sector, and we champion the interests of a vital national asset - Australia’s road transport system - and provide a forum for policy development, networking and communication. Further, we seek to draw attention to the importance of Australia’s road network to the economic and social fabric of the nation, and to ensure that information and decision-making in relation to roads and road transport is well informed and reflects an appropriate level of priorities.

Australian Society for Concrete Pavements (ASCP) was formed in October 2007 to facilitate improvements in the design, construction & quality of concrete pavements in Australia through education, information and technology transfer, and research. Members enjoy many benefits including access to ‘member only’ areas of the ASCP web site, as well as discount on seminar and conference fee.

Austroads: is the peak organisation of Australasian road transport traffic agencies. Austroads members are the Australian state and territory road transport and traffic authorities, the Department for Infrastructure, Transport, Regional Development and Local Government, the Australian Local Government Association (ALGA), and the New Zealand Transport Agency. Austroads members are collectively responsible for the management of over 900,000 kilometres of roads valued at more than $250 billion representing the single largest community asset in Australia and New Zealand.

SRA: State Road Agencies are responsible for the management of the road network, which includes planning, designing, construction and maintaining road use through registering vehicles, licensing drivers and traffic management, and providing information and other road user services. The SRA also provides quality assured integrated investigation, testing and design services in the pavement technology and geotechnical engineering disciplines, and provides support to CPEE in developing expertise and undertaking education in all aspects of the flexible pavements industry.

Cancellation Policy:

- Cancellations made 10 working days or more prior to the events start date: Full refund.
- Cancellations within 9-5 working days of the event start date: 50% refund.
- Cancellations less than 5 working days of the events start date or after the event has started: No refund.

If you are unable to attend this event a substitute attendee may take your place, without penalty. CPEE reserves the right to cancel or reschedule any course, whereby a full refund or course transfer will be provided.

For more information:

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