



# Pavement Design

<b>Sydney</b>	<b>Feb 24-25</b>	<b>Melbourne</b>	<b>Aug 25-26</b>
<b>Brisbane</b>	<b>May 12-13</b>	<b>Sydney</b>	<b>Nov 10-11</b>
<b>Adelaide</b>	<b>Aug 18-19</b>	<b>Perth</b>	<b>Nov 24-25</b>

An intensive two day (3 day optional) short course for engineers and engineering technologists working for federal, state, or local authorities, consultants and contractors

## Course (\$995 – 2 day)

The content of the program will closely follow the content of the Chapters in the Austroads Guide for the Structural Design of Road Pavements (2004) and is used as the principal reference.

The Materials session however covers more information than is in the current Guide, as the selection of materials is critical to producing a pavement design that will deliver both structural and functional performance.

The course is held over two days (see below for optional 3<sup>rd</sup> day) with the first providing background information to assist with selection of an appropriate pavement type and an understanding of the properties of materials used. The second day shows how the inputs are used to determine an appropriate pavement composition and overall thickness. Worked examples will underpin learning

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| <ul style="list-style-type: none"> <li>▪ Pavement Design Systems</li> <li>▪ Construction and Maintenance Considerations</li> <li>▪ Environment</li> <li>▪ Subgrade Evaluation</li> <li>▪ Materials Part A (Characteristics and Test Properties)</li> <li>▪ Materials Part B ( Engineering properties for mechanistic design of asphalt pavements)</li> </ul> | <ul style="list-style-type: none"> <li>▪ Design Traffic</li> <li>▪ Part A – Design of Unbound Flexible Pavements</li> <li>▪ Part B – Design of Bound Flexible Pavements</li> <li>▪ Design of Rigid Pavements</li> <li>▪ Economic Comparison of Designs</li> <li>▪ Design Feedback</li> </ul> |
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**CIRCLY Workshop** is an optional additional day workshop (\$695 - Day3) that will provide you with understand the theoretical basis of mechanistic pavement design methods. This is a hands-on workshop with each student having access to a PC (further details inside).

This CPEE Pavement Design two day short course and the companion CIRCLY Workshop, are for intensive uptake. The CPEE Distance Learning unit CPE651 Pavement Design, part of the CPEE post graduate distance education programs specialising in Road Engineering becomes a natural extension for in depth study.



**Austroads Guide to Pavement  
Technology ( 2008 ) – Part 2:  
Pavement Structural Design**



Course supported by:



## Who Should Attend?

- State road authority and local government engineers with responsibilities in the provision, approval, design and maintenance of flexible road pavements. This to also include project managers and senior supervisors.
- Consulting engineers with involvement in road projects.
- Road construction contractors, engineers, project managers and supervisors.
- Local Government engineers, project managers and senior supervisors.
- Engineering graduates and “cadets” looking for specialist knowledge for career development.

## CPEE Professional Development (CPD)

This course, with content, based on CPEE postgraduate distance learning study Units “CPE 653 Pavement Wearing Surfaces” 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

**CPEE:** This course is presented by the Centre for Pavement Engineering and Education. A non-profit, specialist private provider (roads and pavements) of tertiary education, founded by AUSTRROADS and AAPA. CPEE offers Graduate Certificate, Master of Technology and Master of Engineering qualifications in pavement engineering, and has links to La Trobe University and the Chifley Business School.

### *This course is supported by:*

**AAPA:** The Australian Asphalt Pavement Association is a non-profit organisation which promotes the economic use of asphalt and bitumen bound products based on sound technical and commercial grounds, and maintains as its major objective the dissemination of technical knowledge aimed at continuing improvement in asphalt technology.

**Austroroads:** Austroroads is the Association of Australian and New Zealand road transport and traffic authorities. Austroroads members are the six Australian state and two 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.

### **APESMA & Chifley Business School**

The Association of Professional Engineers, Scientists and Managers, Australia is the largest national non-profit organisation representing professional employees, inclusive of engineers, scientists, managers, architects, and many other professionals. Chifley Business School is one of the longest-standing independent higher education institutions and Registered Training Organisations (RTO) in Australia providing business management training across Australia and internationally – from short courses to nationally accredited certificate and diploma and postgraduate programs including specialist graduate certificates.

**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.

**SRA:** State Road Authorities 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

## Course Size, Enquiries & Management

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



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**Content**  
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Visit the CPEE web site for information about its short course offerings, workshops and postgraduate distance learning programs

[www.pavementeducation.edu.au](http://www.pavementeducation.edu.au)

\* Indicates mandatory fields. Please ensure these fields are completed. Incomplete applications will not be processed.

## PERSONAL DETAILS

Title\*  Dr  Mr  Mrs  Miss  Ms  Other

First Name\* ..... Surname\* .....

Position/Title\* .....

Organisation\* .....

Day Telephone\* ( ) ..... Mobile .....

E-mail\* .....

Special Dietary Requirements ..... Date of Birth\* .....

## PREFERRED CORRESPONDENCE ADDRESS\*

Is this address  Home or  Work / Business

Address .....

Suburb ..... State ..... Postcode .....

COURSE TITLE	CITY	DATE	FEE*   AU\$
Pavement Design—2 days			\$995
CIRCLY Workshop—1 day			\$695
HIPAVE Workshop—1 day			\$695

\* Fees include G.S.T.

Total \$

## REFUND AND CANCELLATION POLICY

<b>Payment</b>	Payment of course fees must be made at least 10 working days prior to the commencement of the course. Payment can be made by credit card - either via phone or cheque (payable to Chifley Business School Pty Ltd) or authorised purchase orders. Late registrations (bookings received within 10 working days of the course commencement date) will only be accepted with payment (credit card, cheque or purchase order) or nominate a replacement.
<b>Withdrawals</b>	Written notification of withdrawal from a course is required 10 working days or more prior to the course date. Alternatively, a participant may choose to transfer to another course (see Transfers).
<b>Transfers</b>	A participant may not transfer out from a course within 10 working days prior to the course commencement date. If you wish to transfer your registration to another course more than 10 working days prior to the course commencement date, there is no charge provided the replacement course has the same fees as the original course. There is a limit of three (3) transfers per participant per year for a single registration.
<b>Late Withdrawals</b>	When a written notification of withdrawal from a course is received within 10 working days prior to the course date, no refund of the course fee will be made and the participant may not transfer to another course. As the participant has paid for a place in the course, an alternate participant may be nominated at no extra charge.
<b>Course Cancellations</b>	Chifley Business School/CPEE reserves the right to cancel any course. When a course has been cancelled by Chifley Business School/CPEE full refunds are offered to all registered participants.

## PAYMENT\*

Please choose a payment option that suits you. To ensure your place, payment **must** accompany this form. If payment is not enclosed, Purchase Order details should be completed. Payment must be received prior to the commencement of the course.

<b>1. Cheque</b>	Enclosed is my cheque for AU\$ ..... (please make cheques payable to <b>Chifley Business School Pty Ltd</b> )
<b>2. Credit card</b>	Please debit my credit card AU\$ ..... <input type="checkbox"/> AMEX <input type="checkbox"/> Diners <input type="checkbox"/> VISA <input type="checkbox"/> MasterCard Card Number <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> Cardholder's name ..... Expiry date <input type="text"/> <input type="text"/> / <input type="text"/> <input type="text"/> Cardholder's signature .....
<b>3. Telegraphic transfer</b>	Please contact us for bank details should you wish to pay by this method.
<b>4. Govt./Council order</b>	A copy of your purchase order must accompany this form.

## PRIVACY STATEMENT\*

Chifley Business School/CPEE respects your privacy and strictly controls use of personal information. Personal information you provide on this form will be used solely for the provision of our services to you. You may obtain details of your personal information held by Chifley Business School or the privacy statement of our parent company, APESMA, by contacting the Privacy Officer on 03 9695 8800 or visiting [www.apesma.asn.au](http://www.apesma.asn.au).

**Please complete this form and return to:**

Post: Chifley Business School | GPO Box 1272, Melbourne VIC 3001 Facsimile: 03 9695 8901

Confirmation of your registration will be forwarded to you in writing within 5 working days. If you do not receive confirmation, please contact us.