

UNIVERSITY OF BIRMINGHAM

School of Civil Engineering

Centre of Excellence in Roads

Short courses in Road Safety, Road Economics and Rural Roads

HDM-4 Course



7-11 September 2015
University of Birmingham, UK

The course offers an introduction to the use of HDM-4 as a decision support tool to include:

- Overview of where HDM-4 fits within the Road Management cycle
- Overview of the HDM-4 analysis framework
- Introduction to Project, Programme and Strategic Analysis using HDM-4
- HDM-4 Integration with external systems

The course will include practical demonstrations and sessions using HDM-4 Version 2

Rural Roads Course



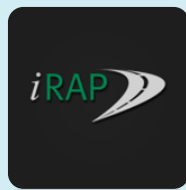
14-18 September 2015
University of Birmingham, UK

The course provides an introduction to the topic of building and maintaining rural roads for access, growth and development and includes:

- Pro-poor transport appraisal including methods for capturing non-monetary benefits
- Rural Road design and construction
- Labour-based & intermediate technologies
- The implications of climate change

The course will include laboratory and field testing practicals.

iRAP Course



21-25 September 2015
University of Birmingham, UK

The iRAP course introduces you to the iRAP technology for evaluating the safety impact of road infrastructure including:

- Star Rating existing roads using inspection images and data
- Star Rating the design of new and rehabilitated roads from plans
- Prioritising Safer Road investment plans
- Safety Performance Tracking roads

The course will include case study work using iRAP software.

Booking form

Delegate details

Please photocopy for multiple bookings

Title _____ Given name: _____

Family name _____

Position _____

Organisation _____

Address _____

Phone _____

E-mail _____

Invoicing details if different from above

Title _____ Given name: _____

Family name _____

Position _____

Organisation _____

Address _____

Phone _____

E-mail _____

Delegate fees

Courses attending (please tick appropriate boxes)

iRAP £2,300

HDM4 £2,300

Rural Roads £2,300

Special early bird booking offer: for all bookings confirmed by 14 August 2015 free bed and breakfast accommodation is included. Accommodation is for one person: 1 course = 6 nights free; 2 courses = 13 nights free; 3 courses = 20 nights free. For bookings made from 14 August 2015 accommodation is not included in the courses fees. Registration fees include daytime refreshments, lunch, a course dinner and course material. They do not include the iRAP or HDM-4 licenses.

Language: English

Availability: There are a limited number of places that will be allocated on a first-come, first served basis.

Computing facilities:

iRAP resources will be accessed online using the University's facilities. For the HDM-4 course, participants may bring a laptop computer for use during the practical sessions of the course, although computers will be available for the duration of the course. HDM-4 Version 2 software can be installed for the duration of the course if required.

Payment:

Payment must be received 28 days after receipt of invoice, or a 5% administration fee will be incurred. If you are unable to attend after booking, you may send a substitute or confirm your cancellation in writing by 14 August 2015 for a refund (less 10% admin. charge). No refunds will be made after this date.

All enquiries and bookings to:

Adam Lines, CPD Administrator, Postgraduate Office
School of Civil Engineering, University of Birmingham
Birmingham, B15 2TT, UK

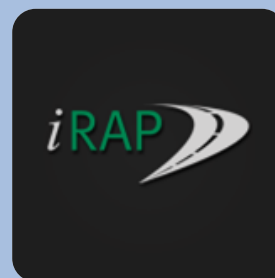
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www.birmingham.ac.uk/hdm4

www.birmingham.ac.uk/ruralroads

www.birmingham.ac.uk/irap

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H D M - 4
HIGHWAY DEVELOPMENT & MANAGEMENT

Rural Roads
Access, Growth and Development