

ANSWERS Software Service – Programme of Courses 2022-2023

Course	Who Should Attend	Objectives	Dates	Fees (non-residential)
Introduction to MCBEND	New or inexperienced users of MCBEND.	The course is aimed at providing the new or inexperienced user of the software with a broad understanding of the capabilities of MCBEND, covering a range of radiation transport scenarios and applications.	27-30 Sep 2022 31 Jan – 3 Feb 2023 (4 Days)	£2,390 Excl. VAT
Advanced MCBEND	For those with significant experience of MCBEND and who ideally have attended the introductory MCBEND course.	The course is aimed at providing the experienced user of MCBEND with more understanding of the theoretical ideas behind the code and their implementation within the software.	4-6 Oct 2022 7-9 Feb 2023 (3 Days)	£2,000 Excl. VAT
Introduction to MONK	New or inexperienced users of MONK	To provide the new or inexperienced user of MONK for criticality purposes with a broad understanding of the capabilities of the code and hands-on experience of constructing input specifications.	11-14 Oct 2022 21-24 Feb 2023 (4 Days)	£2,390 Excl. VAT
Advanced MONK	For those with significant experience of MONK and who ideally have attended the introductory MONK course.	The course is aimed at providing the experienced user of MONK with more understanding of the theoretical ideas behind the code and their implementation within the software.	18-20 Oct 2022 28 Feb – 2 Mar 2023 (3 Days)	£2,000 Excl. VAT
Introduction to WIMS	New or inexperienced users of WIMS	The course is aimed at providing the new or inexperienced user of WIMS with a broad understanding of the capabilities of the code and hands-on experience of constructing input specifications.	31 Oct – 4 Nov 2022 6-10 Mar 2023 (5 Days)	£3,030 Excl. VAT
SMR Whole Core Modelling using WIMS	Experienced users of WIMS	The course is aimed at providing experienced users of WIMS with an understanding of the capabilities of the code for the whole core modelling of Small Modular Reactors. This includes development of the whole core model and simulation of the through life core behaviour, including coupled neutronic and thermal hydraulic feedback.	8-10 Nov 2022 14-16 Mar 2023 (3 Days)	£2,000 Excl. VAT

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Advanced WIMS	For those with significant experience of WIMS and who ideally have attended the introductory WIMS course.	The course is aimed at providing the experienced user of WIMS with more understanding of the theoretical ideas behind the code and their implementation within the software.	15-18 Nov 2022 21-24 Mar 2023 (4 Days)	£2,390 Excl. VAT
Introduction to FEAT	New or inexperienced users of FEAT	The course is aimed at providing the inexperienced user of the software with a broad understanding of the capabilities of the code and to teach the efficient use of FEAT in the thermal, fluids and stress engineering areas.	On Request (4 Days)	£2,390 Excl. VAT
Introduction to RANKERN	New or inexperienced users of RANKERN	The course is aimed at providing the inexperienced user of the software with a broad understanding of the capabilities of RANKERN (a 3D Point-Kernel computer program written for gamma-ray analysis).	On Request (2.5 Days)	£2,000 Excl. VAT
Introduction to FISPIN	New or inexperienced users of FISPIN	The course is aimed at providing the inexperienced user of the software with a broad understanding of the capabilities of calculation of nuclide inventories.	23-24 Nov 2022 On Request (1.5 Days)	£1,545 Excl. VAT

The pre-requisites for standard courses are as follows:

Pre-requisite	Intro to RANKERN	Intro to MCBEND	Adv MCBEND	Intro to MONK	Adv MONK	Intro to WIMS	Adv WIMS
Previous experience of using the code	Not essential	Not essential	Required, unless very experienced in an equivalent code (e.g. MCNP)	Not essential	Required	Not essential	Required
Previous experience of equivalent radiological transport software	Not essential	Not essential	Useful but not essential	Not essential	Not essential	Not essential	Useful but not essential
Previous coding experience	Basic knowledge useful but not required	Basic knowledge useful but not required	Basic competency required	Basic knowledge useful but not required	Basic competency required	Basic knowledge useful but not required	Basic competency required
Understanding of underlying physics and mathematics	Degree-level	Degree-level	Post-doc or industrial equivalent	Degree-level	Post-doc or industrial equivalent	Degree-level	Post-doc or industrial equivalent

Booking Form

Registration: Please complete the booking form and email to: paula.miller@jacobs.com

For any enquiries please contact Paula Miller by email or telephone: 01305 595527

Registration Information

Course Title		
Course Dates		
Delegate Name(s)		
Company		
Address		
Telephone Number		
Email Address		
Cost per Delegate £ (excluding VAT)		

For WIMS Courses Only: Please advise which reactor types you are primarily interested in

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Payment: to be made via Purchase Order

Purchase Order to be made out to: **Energy, Safety and Risk Consultants (UK) Ltd**

Purchase Order number.....

All ANSWERS training courses are subject to Jacobs Form A Terms and Conditions.

Payment to be received at least 28 days in advance of the course commencement date.

Cancellations: Please note that cancellations of confirmed bookings must be made in writing and may incur cancellation charges. Cancellations received 7-14 days before the start of the course will incur a charge of 50% of the course fee. No refund can be made for cancellations received within 7 days of the start of the course. Energy, Safety and Risk Consultants (UK) Ltd. retains the right to cancel the course at any time.

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