ANSWERS® Software Service – Programme of Courses 2024-2025

Course	Who Should Attend	Objectives	Dates	Fees (non-residential)
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 (3 Days)	£2,330 Excl. VAT
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.	24-27 Sep 2024 4-7 Feb 2025 (4 Days)	£2,790 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.	1-3 Oct 2024 11-13 Feb 2025 (3 Days)	£2,330 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.	8-11 Oct 2024 25-28 Feb 2025 (4 Days)	£2,790 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.	15-17 Oct 2024 4-6 Mar 2025 (3 Days)	£2,330 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.	21-25 Oct 2024 10-14 Mar 2025 (5 Days)	£3,535 Excl. VAT

Course	Who Should Attend	Objectives	Dates	Fees (non-residential)
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.	On Request (3 Days)	**£2,330** Excl. VAT
HTR Whole Core Modelling using WIMS®	Experienced users of WIMS	This course is aimed at providing experienced users of the WIMS code with an understanding of the application to modelling High Temperature Reactor problems, giving hands-on experience of constructing input files and running calculations.	On Request (4 Days)	**£2,790** Excl. VAT
Fast Reactor Whole Core Modelling using WIMS®	Experienced users of WIMS	The course is aimed at users with some experience in the WIMS code who are looking for hands-on experience building a fast reactor model within WIMS.	On Request (3 Days)	**£2,330** 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.	On Request (1.5 Days)	**£1,805** 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
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
Previous experience of equivalent radiological transport software	Not essential	Not essential	Useful but not essential	Not essential	Not essential	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
Understanding of underlying physics and mathematics	Degree-level	Degree-level	Post-doc or industrial equivalent	Degree-level	Post-doc or industrial equivalent	Degree-level

Booking Form

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

Registration Information

Course Title		
Course Dates		
Delegate Name(s)		
Company		
Address		
Telephone Number		
Email Address		
Cost per Delegate £ (excluding VAT)		
Please give an indication of advance knowledge/ expectations of the course		

For WIMS Intro course 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**

Attendance on the course will only be confirmed once the Purchase Order has been received.

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

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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