



Fundamentals of Blood Transfusion (Short Course)

12th – 14th
June 2023

Limited Spaces Available

 **Cardiff Metropolitan University**
Llandaff Campus

Delivery Method:
Face to Face and Online.

Intensive Blood Transfusion

The course covers the fundamental knowledge of blood transfusion sciences. The blood transfusion is integral part of any healthcare settings. This course will introduce background knowledge and skills that are needed to work in a blood transfusion laboratory.

Topics Covered

- ABO Blood Groups
- Rh Blood Group
- Other Blood Groups
- Rh Phenotype
- Pre-Transfusion Testing
- Antibody Screening
- Antibody Identification
- Electronic Crossmatch

- Serological Crossmatch
- Red Blood Cell Selection
- Platelets
- Fresh Frozen Plasma
- Cryoprecipitate
- Irradiated Blood Products
- Emergency Blood Issue
- Blood Group Problems

Booking and payment information:

Please fill in the application form and pay the fees to secure your place.

Course Fees:
648 GBP or 733 USD

NHS discount of £20 per student. Use your NHS email when making a booking and we will refund you, if your employer is funding the course, it is your responsibility to get the correct fees paid)

12th – 14th June 2023 | Delivery Method: **In Person or Online**

Course Timetable

12 th June 2023	09:00 – 10:00	Introduction
	10:15 – 10:30	Break
	10:30 – 11:30	ABO blood group I
	11:30 – 12:30	Rh blood groups
	12:30 – 13:00	Other Blood Groups
	13:00 – 14:00	Lunch
	14:00 – 15:00	ABO Blood group II
	15:30 – 16:00	Rh Phenotype
	16:15 – 16:30	Break
	16:30 – 17:00	Question and Answers Session

13 th June 2023	09:00 – 10:00	Introduction
	10:15 – 10:30	Break
	10:30 – 11:30	Pre-Transfusion testing
	11:30 – 12:30	Antibody screen
	12:30 – 13:00	Antibody Identification
	13:00 – 14:00	Lunch
	14:00 – 15:00	Electronic Crossmatch
	15:30 – 16:00	Serological Crossmatch
	16:15 – 16:30	Break
	16:30 – 17:00	Question and Answers Session

14 th June 2023	09:00 – 10:00	Introduction
	10:15 – 10:30	Break
	10:30 – 11:30	Red cell selection
	11:30 – 12:30	Platelets
	12:30 – 13:00	Cryoprecipitate
	13:00 – 14:00	Lunch
	14:00 – 15:00	Irradiated Blood Products
	15:30 – 16:00	Emergency Blood Issue
	16:15 – 16:30	Break
	16:30 – 17:00	Closing Remarks

Llandaff Campus

Location: Room 01.01
in Atrium Building



Key

- 1 The Hub
- 2 Gym (First Floor)
- 3 Podiatry
- 4 Main Reception & i-Zone
- 5 Lecture Theatre AO.31
- 6 The Gallery
- 7 Cardiff School of Technologies CST
- 8 Cardiff School of Art and Design CSAD
- 9 The Box Café
- 10 Maritime House
- 11 Cardiff School of Management CSM

12 The Atrium

- 13 IT Help Desk (First Floor)
- 14 School of Dental Technology
- 15 Biomedical Sciences CSSHS
- 16 The Global Lounge
- 17 Student's Union
- 18 Learning Centre
- 19 Food Industry Centre FIC
- 20 Cardiff School of Sport and Health Sciences CSSHS

- Building Letter
- P Parking
- Electric Vehicle Charging
- Electric Bikes
- OVO Bikes
- Bike Rack
- Bus Stop