

Course Description Form

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| 1. Course Name: blood transfusion | | | | | |
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| 2. Course Code: | | | | | |
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| 3. Semester / Year: 1-2 2024/2025 | | | | | |
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| 4. Description Preparation Date: 2024-2025 | | | | | |
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| 5. Available Attendance Forms: Daily attendance | | | | | |
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| 6. Number of Credit Hours (Total) / Number of Units 2 Hours (Total)30 week | | | | | |
| 2 hours (theriological) 2 hours (practical) | | | | | |
| 7. Course administrator's name (mention all, if more than one name) | | | | | |
| Name: sammar Jassim Mahan Email:: samar@g.alzahu.edu.iq | | | | | |
| 8. Course Objectives | | | | | |
| Course Objectives | | Providing the student with practical and theoretical information to teach him basics of the blood bank and the goal of his studies 1- Teaching the student the correct ways to transmit blood and successive problems from blood transfusion and solutions to them 2- Providing the student with practical and theoretical information on the prevention of blood transfusion errors 3- Providing the student with practical and theoretical information about the blood transfusion tests | | | |
| 9. Teaching and Learning Strategies | | | | | |
| Strategy | | 1. Education Strategy Collaborative Concept Planning 2- Brainstorming education strategy. 3. Education Strategy Notes Series 4- Presentation, training, discussion research and reports | | | |
| 10. Course Structure | | | | | |
| Week | Hours | Required Learning Outcomes | Unit or subject name | Learning method | Evaluation method |

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| 1 | 2 | Knowledge | Introduction to Blood banking; | the whiteboard and display | Daily exam and oral question |
| 2 | 2 | Knowledge | Blood donation & selection of donation | the whiteboard and display | Daily exam and oral question |
| 3 | 2 | Knowledge | Lab. Test for donated blood | the whiteboard and display | Daily exam and oral question |
| 4 | 2 | Knowledge | The human blood groups | the whiteboard and display | Daily exam and oral question |
| 5 | 2 | Knowledge | Rh systems | the whiteboard and display | Daily exam and oral question |
| 6 | 2 | Knowledge | Haemolytic disease of newborn | the whiteboard and display | Daily exam and oral question |
| 7 | 2 | Knowledge | Complication of blood transfusion | the whiteboard and display | Daily exam and oral question |
| 8 | 2 | Knowledge | Transmission of disease by blood transfusion | the whiteboard and display | Daily exam and oral question |
| 9 | 2 | Knowledge | exam | the whiteboard and display | Daily exam and oral question |
| 10 | 2 | Knowledge | Aids and blood transfusion | the whiteboard and display | Daily exam and oral question |
| 11 | 2 | Knowledge | Types of anticoagulants use in haematology | the whiteboard and display | Daily exam and questions |
| 12 | 2 | Knowledge | Autologous blood transfusion | the whiteboard and display | Daily exam and questions |
| 13 | 2 | Knowledge | Anti human globulin | the whiteboard and display | Daily exam and questions |
| 14 | 2 | Knowledge | Haemolytic anaemia | the whiteboard and display | Daily exam and questions |

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| 15 | 2 | Knowledge | Homeostasis & bleeding disorders | teboard and display | Daily exam and questions |
| 16 | 2 | Knowledge | Platelets disorders | teboard and display | Daily exam and questions |
| 17 | 2 | Knowledge | Coagulating disorders | teboard and display | Daily exam and questions |
| 18 | 2 | Knowledge | Tests of haemostatic function | Use whiteboard display | Daily exam and questions |
| 19 | 2 | Knowledge | Acquired coagulation disorders | Use whiteboard display | Daily exam and questions |
| 20 | 2 | Knowledge | Autosomal dominant inheritance | Use whiteboard display | Daily exam and questions |
| 21 | 2 | Knowledge | Coombs test | Use whiteboard display | Daily exam and questions |

11. Course Evaluation

Marks from exam only evaluate the students

12. Learning and Teaching Resources

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| Required textbooks (curricular books, if any) | Blood bank Books |
| Main references (sources) | Curriculum scheduled within the sectoral committees |
| Recommended books and references (scientific journals, reports...) | Mollison's Blood Transfusion in Clinical Medicine, 12th Edition Alternatives to Blood Transfusion in Transfusion Medicine, 2nd Edition |
| Electronic References, Websites | Ncbi,google scholar |

