

University of Alkafeel  
 College of Health and Medical Technology  
 Syllabus of Department of Medical Laboratory Techniques  
 2023 -2024

| Third Year / First Semester  |                                |                                   |                                      |             |           |
|------------------------------|--------------------------------|-----------------------------------|--------------------------------------|-------------|-----------|
| No.                          | Course Title                   | Weekly Hours                      |                                      |             | Credit    |
|                              |                                | Lecture Hours (LH)<br>Theoretical | Non-Lecture Hours (NLH)<br>Practical | Total Hours |           |
| 1                            | Histopathology 1               | 2                                 | 2                                    | 4           | 3         |
| 2                            | Haematology 1                  | 2                                 | 2                                    | 4           | 3         |
| 3                            | Medical Virology               | 2                                 | 4                                    | 6           | 4         |
| 4                            | Metabolic Disorders            | 2                                 | 4                                    | 6           | 4         |
| 5                            | Medical Genetics 1             | 2                                 | 4                                    | 6           | 4         |
| 6                            | Immunology 1                   | 2                                 | 4                                    | 6           | 4         |
| 7                            | Advanced Laboratory Techniques | 2                                 | 2                                    | 4           | 3         |
| 8                            | Computer Applications 1        | 1                                 | 2                                    | 3           | 2         |
|                              | <b>Total</b>                   | <b>15</b>                         | <b>24</b>                            | <b>39</b>   | <b>27</b> |
| Third Year / Second Semester |                                |                                   |                                      |             |           |
| No.                          | Course Title                   | Weekly Hours                      |                                      |             | Credit    |
|                              |                                | Lecture Hours (LH)<br>Theoretical | Non-Lecture Hours (NLH)<br>Practical | Total Hours |           |
| 1                            | Histopathology 2               | 2                                 | 2                                    | 4           | 3         |
| 2                            | Haematology 2                  | 2                                 | 2                                    | 4           | 3         |
| 3                            | Medical Mycology               | 2                                 | 4                                    | 6           | 4         |
| 4                            | Clinical Endocrinology         | 2                                 | 4                                    | 6           | 4         |
| 5                            | Medical Genetics 2             | 2                                 | 4                                    | 6           | 4         |
| 6                            | Immunology 2                   | 2                                 | 4                                    | 6           | 4         |
| 7                            | Analytical Biostatistics       | 1                                 | 3                                    | 4           | 2         |
| 8                            | Computer Applications 2        | 1                                 | 2                                    | 3           | 2         |
|                              | <b>Total</b>                   | <b>14</b>                         | <b>25</b>                            | <b>39</b>   | <b>26</b> |