



|              | 8 <sup>th</sup> Semester (2019-23) Starting Date: February 27, 2023 |                       |                                    |                                      |                                      |           |  |  |
|--------------|---|-----------------------|------------------------------------|--------------------------------------|--------------------------------------|-----------|--|--|
|              | Time  | MON                   | TUES                               | WED                                  | THURS                                | FRI       |  |  |
|              | 10:00 - 10:30   |                       | Lec: Software Testing  Lec: Arabic | Lec: Cloud Computing                 | Lec: Cloud Computing                 |           |  |  |
|              | 10:30 - 11:00   | Lec: Software Testing |                                    |                                      |                                      |           |  |  |
|              | 11:00 – 11:30   |                       |                                    |                                      |                                      | Thesis II |  |  |
|              | 11:30 – 12:00   |                       |                                    |                                      |                                      | THESIS II |  |  |
| # 04         | 12:00 – 12:30   | Lec: Arabic           |                                    | Lec: Data Security and<br>Encryption | Lec: Data Security and<br>Encryption |           |  |  |
| LECTURE HALL | 12:30 - 01:00   |                       |                                    |                                      |                                      |           |  |  |
| KE H         | 01:00 - 01:30   | PRAYER & LUNCH BREAK  |                                    |                                      |                                      |           |  |  |
| TUF          | 01:30 - 02:00   |                       |                                    |                                      | Thesis II                            | ****      |  |  |
| LEC          | 02:00 - 02:30   |                       |                                    |                                      |                                      | ****      |  |  |
|              | 02:30 - 03:00   | Thesis II             | Counseling Hours                   | Thesis II                            |                                      | ****      |  |  |
|              | 03:00 - 03:30   | THESIS II             | Counseinig Hours                   | THESIS II                            | THESIS II                            | ****      |  |  |
|              | 03:30 - 04:00   |                       |                                    |                                      |                                      | ****      |  |  |
|              | 04:00 - 04:30   |                       |                                    |                                      |                                      | ****      |  |  |
|              |   |                       |                                    |                                      |                                      |           |  |  |

|                                     |                            | Courses and Teachers for 8 <sup>th</sup> Semester (Spring 2023) |                              |                         |                |  |  |  |
|-------------------------------------|----------------------------|---|------------------------------|-------------------------|----------------|--|--|--|
|                                     | Course Code                | Credit Hours  | Course Title                 | Course Instructor       | Lab Instructor |  |  |  |
|                                     | CS-4201 0+3<br>CS-4218 3+0 |   | Thesis - II                  | Concerned Supervisor    |                |  |  |  |
|                                     |                            |   | Data Security and Encryption | Engr. Ahmed Khawaja     |                |  |  |  |
|                                     | CS-4223                    | 3+0   | Cloud Computing              | Engr. Dr. Daniyal Munir |                |  |  |  |
|                                     | SE-4225                    | 3+0   | Software Testing             | Engr. Daniyal Nazir     |                |  |  |  |
|                                     | FL-4230                    | 3+0   | Arabic                       | Visiting                |                |  |  |  |
| Total 15 Batch Advisor: Engr. Tahir |                            |   |                              | gr. Tahir Jahangir      |                |  |  |  |

| Prepared By: | Engr. Tahir Jahangir | Reviewed By: | Engr. Dr. Oazi Arbab | Approved By: | Engr. Dr. Ghulam Sarwar |
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|              | 6 <sup>th</sup> Semester (2020-24) Starting Date: February 27, 2023 |   |   |   |  |  |  |  |
|--------------|---|---|---|---|--|--|--|--|
|              | Time  | MON   | TUES                                      | WED                                       | THURS  | FRI                                    |  |  |
|              | 10:00 - 10:30   |   | Lec: Web Design and                       |   | Lec: Web Design and                            |  |  |  |
|              | 10:30 - 11:00   | Lec: Software Project<br>Management         | Development                               | Lec: Software Project<br>Management       | Development                                    |  |  |  |
|              | 11:00 – 11:30   |   |   |   |  | Lab: Web Design and                    |  |  |
|              | 11:30 – 12:00   | Slot Reserved for Offered<br>Course - OOP   | Lec: Human Computer                       | Slot Reserved for Offered<br>Course - DDA | Slot Reserved for Offered                      | Development                            |  |  |
| # 03         | 12:00 – 12:30   |   | Interaction                               |   | Course - OOP Lab                               |  |  |  |
| ALL          | 12:30 - 01:00   |   |   |   |  |  |  |  |
| LECTURE HALL | 01:00 - 01:30   |   | PRAYER & LUNCH BREAK                      |   |  |  |  |  |
| TUF          | 01:30 - 02:00   |   |   |   | Lec: Software Quality<br>Engineering           | Lec: Entrepreneurship<br>and Marketing |  |  |
| LEC          | 02:00 - 02:30   | Lec: Software Quality<br>Engineering        | Slot Reserved for Offered<br>Course - DDA |   |  |  |  |  |
|              | 02:30 - 03:00   |   |   | Lab: Human Computer                       |  |  |  |  |
|              | 03:00 - 03:30   |   |   | Interaction                               |  |  |  |  |
|              | 03:30 - 04:00   | Lec: Formal Methods in Software Engineering | Slot Reserved for Offered<br>Course - OOP |   | Lec: Formal Methods in<br>Software Engineering | ****                                   |  |  |
|              | 04:00 - 04:30   |   |   |   |  | ****                                   |  |  |
|              |   |   |   |   |  |  |  |  |

| Courses and Teachers for 6 <sup>th</sup> Semester (Spring 2023) |             |              |  |                        |                     |
|---|-------------|--------------|--|------------------------|---------------------|
|   | Course Code | Credit Hours | Course Title                           | Course Instructor      | Lab Instructor      |
|   | MS-3201     | 2+0          | Entrepreneurship and Marketing         | Visiting               |                     |
|   | SE-3202     | 3+0          | Formal Methods in Software Engineering | Engr. Daniyal Nazir    |                     |
|   | SE-3203     | 3+0          | Software Project Management            | Engr. Dr. Qazi Arbab   |                     |
|   | SE-3204     | 2+1          | Human Computer Interaction             | Engr. Saba Naseem      | Engr. Saba Zaib     |
|   | SE-3205     | 3+0          | Software Quality Engineering           | Engr. Khurrum Iqbal    |                     |
|   | SE-3208     | 2+1          | Web Design and Development             | Engr. Dr. Zaman Fakhar | Engr. Sidra Rafique |
|   | Total       | 17           | Batch Advisor:                         | Engr. Saba Zeb         |                     |

| Prepared By: | Engr. Tahir Jahangir | Reviewed By: | Engr. Dr. Qazi Arbab | Approved By: | Engr. Dr. Ghulam Sarwai |
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|              | 4 <sup>th</sup> Semester (2021-25) Starting Date: February 27, 2023 |  |                           |                           |  |  |  |  |
|--------------|---|--|---------------------------|---------------------------|--|--|--|--|
|              | Time  | MON                                      | TUES                      | WED                       | THURS                                    | FRI                                      |  |  |
|              | 10:00 - 10:30   |  |                           |                           |  |  |  |  |
|              | 10:30 - 11:00   | Lec: Computer Networks                   | Lab: Numerical Analysis   | Lec: Computer Networks    |  |  |  |  |
|              | 11:00 – 11:30   |  |                           |                           | Lab: Computer Networks                   | Lab: Software Design and                 |  |  |
|              | 11:30 – 12:00   |  | Lab. Municical Analysis   | Lec: Design and           | Lab. Computer Networks                   | Architecture                             |  |  |
| # 02         | 12:00 – 12:30   | Lec: Complex Variables and<br>Transforms |                           | Development of Algorithms |  |  |  |  |
| LECTURE HALL | 12:30 - 01:00   |  |                           |                           |  |  |  |  |
| KE H         | 01:00 - 01:30   |  | PRAYER & LUNCH BREAK      |                           |  |  |  |  |
| TUF          | 01:30 - 02:00   |  | Lec: Design and           | Lec: Professional Ethics  | Lec: Software Design and<br>Architecture | Lec: Complex Variables and<br>Transforms |  |  |
| LEC          | 02:00 - 02:30   | Lec: Numerical Analysis                  | Development of Algorithms |                           |  |  |  |  |
|              | 02:30 - 03:00   | Lee. Rumerical Analysis                  | Algorithms                |                           |  |  |  |  |
|              | 03:00 - 03:30   |  | ****                      |                           |  | ****                                     |  |  |
|              | 03:30 - 04:00   | Counseling Hours                         | ****                      | Counseling Hours          | Counseling Hours                         | ****                                     |  |  |
|              | 04:00 - 04:30   | Counseling Hours                         | ****                      | Counseling Hours          | Counseing Hours                          | ****                                     |  |  |
|              |   |  |                           |                           |  |  |  |  |

|             | Courses and Teachers for 4 <sup>th</sup> Semester (Spring 2023) |                                   |                         |                      |  |  |  |
|-------------|---|-----------------------------------|-------------------------|----------------------|--|--|--|
| Course Code | Credit Hours  | Course Title                      | Course Instructor       | Lab Instructor       |  |  |  |
| MT-2201     | 3+0   | Complex Variables and Transforms  | Visiting                |                      |  |  |  |
| MT-2202     | 2+1   | Numerical Analysis                | Visiting                | Visiting             |  |  |  |
| CS-2203     | 3+1   | Computer Networks                 | Engr. Dr. Ghulam Sarwar | Engr. Tahir Jahangir |  |  |  |
| SE-2204     | 2+1   | Software Design and Architecture  | Engr. Saba Zaib         | Engr. Saba Naseem    |  |  |  |
| SE-2205     | 3+0   | Design and Analysis of Algorithms | Engr. Khurrum Iqbal     |                      |  |  |  |
| SS-2206     | 2+0   | <b>Professional Ethics</b>        | Visiting                |                      |  |  |  |
| Total       | 18  | Batch Advisor: Eng                | r. Dr. Daniyal Munir    |                      |  |  |  |

| Prepared By: | Engr. Tahir Jahangir | Reviewed By: | Engr. Dr. Qazi Arbab | Approved By: | Engr. Dr. Ghulam Sarwai |
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|         |               |                                     | emester (2022-26)                   | Starting Date: ****                          | *                    |  |
|---------|---------------|-------------------------------------|-------------------------------------|--|----------------------|--|
|         | Time          | MON                                 | TUES                                | WED  | THURS                | FRI  |
|         | 10:00 - 10:30 |                                     |                                     | Lec: Software<br>Engineering<br>Fundamentals |                      |  |
|         | 10:30 - 11:00 | Lec: Discrete Structures            | Lec: Communication                  |  |                      | Lec: Software<br>Engineering<br>Fundamentals |
|         | 11:00 - 11:30 |                                     | Skills                              |  | Lab: Object Oriented | rundamentais                                 |
|         | 11:30 – 12:00 |                                     |                                     |  | Programming          |  |
| # 01    | 12:00 – 12:30 | Lec: Object Oriented<br>Programming | ****                                | Lec: Discrete Structures                     |                      | Counseling Hours                             |
| HALL    | 12:30 - 01:00 |                                     | ****                                |  |                      |  |
|         | 01:00 - 01:30 |                                     | PF                                  | PRAYER & LUNCH BREAK                         |                      |  |
| LECTURE | 01:30 - 02:00 |                                     |                                     | ures Lec: Linear Algebra                     | Lec: Linear Algebra  | ****   |
| LEC     | 02:00 - 02:30 | Lec: Islamic Studies and            | Lec: Discrete Structures            |  |                      | ****   |
|         | 02:30 - 03:00 | Ethics                              |                                     |  |                      | ****   |
|         | 03:00 - 03:30 |                                     |                                     |  | ****                 | ****   |
|         | 03:30 - 04:00 | ****                                | Lec: Object Oriented<br>Programming | Counseling Hours                             | ****                 | ****   |
|         | 04:00 - 04:30 | ****                                |                                     |  | ****                 | ****   |
|         |               |                                     |                                     |  |                      |  |

| Courses and Teachers for 2 <sup>nd</sup> Semester (Spring 2023) |              |                                     |                       |                     |  |
|---|--------------|-------------------------------------|-----------------------|---------------------|--|
| Course Code   | Credit Hours | Course Title                        | Course Instructor     | Lab Instructor      |  |
| CS-1201   | 3+0          | Discrete Structures                 | Engr. Dr. Asma Javaid |                     |  |
| SE-1202   | 3+0          | Software Engineering Fundamentals   | Engr. Daniyal Nazir   |                     |  |
| MT-1203   | 3+0          | Linear Algebra                      | Visiting              |                     |  |
| CS-1204   | 3+1          | Object Oriented Programming         | Engr. Zeeshan Rashid  | Engr. Sidra Rafique |  |
| HU-1205   | 2+0          | Communication Skills                | Engr. Tahir Jahangir  |                     |  |
| HU-1206   | 2+0          | Islamic Studies and Ethics          | Visiting              |                     |  |
| Total   | 15           | 15 Batch Advisor: Engr. Saba Naseem |                       |                     |  |

|              |                      |              |                      |              | -                       |
|--------------|----------------------|--------------|----------------------|--------------|-------------------------|
| Prepared By: | Engr. Tahir Jahangir | Reviewed By: | Engr. Dr. Qazi Arbab | Approved By: | Engr. Dr. Ghulam Sarwai |