**ERP**

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| Resource Person: |  |
| Email: |  |
| Contact Hours: | 3 |
| Office Address: |  |
| Programme: | BSAF |
| Section: |  |
| Semester: |  |
| Course Pre-requisites: | Intro to Computer |
| Credit Hours: | 3 |
| Course Type: |  |
| Venue/Day/Time: |  |
| Course URL (if any): |  |

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| **Course Description:** |
| This course examines the role, advantages, life cycle, Implementation and coverage of ERP in Financial. This course is enriched with an overview of the Accounts and Finance in ERP. This course also covers market share of ERP’s Finance around the world. |

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| **Course Teaching Methodology:** |
| Lecture  Interactive Classes  Case based teaching  Class activities  Applied Projects |

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| **Programme Educational Objectives (POs):** | |
| PO-1 | To provide our graduate with a broad-based education that will form the basis for personal growth and life-long learning with a quality technical education that will equip them for productive careers in the field of business information systems and management |
| PO-2 | The participants of this program will get the unique knowledge and experience of both  Information Systems and Business. This uniqueness develop participants to deliver more  efficiently in this technology era. |
| PO-3 | To provide students clout on best use of Information Systems for cutting the cost, time and resources in order to amplify the revenue by restructuring the business processes and by engaging conceptual, analytical and managerial competencies transformed by outcome based learning experience. |
| PO-4 | It enables them to put their knowledge and skills into practice on a real-life  problem. The degree has been designed to produce information, big data and business sense graduates and equips them for new business-critical information system and big data roles. |

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| **Programme Learning Outcomes (PLOs):**  **After completing this degree programme, students shall be able to:** | | |
|  | | **Mapping the PLOs with POs** |
| PLO-1 | BBIS Program familiarizes the students with functions, problems and potentials of information systems in a given organization and industry. | PO1, PO2 |
| PLO-2 | The internship program in BBIS provides an opportunity to learn how to use information technology to analyze, design and manage information systems in real world organizations. | PO1, PO2, PO4 |
| PLO-3 | Once they understand an organization’s objectives, functions,  Problems and potentials, they need to develop an IS strategy to analyze and design appropriate information systems for the organization. | PO3, PO4 |
| PLO-4 | The internship project covers a minimum period of eight to ten weeks in a selected organization | PO2,PO3,PO4 |
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| **Course Objectives (COs)** | |
| CO-1 | Understanding the general concepts of ERP Finance and its different terminologies. |
| CO-2 | Role of Finance in System Integration |
| CO-3 | Role of Finance in ERP System Development Life Cycle. |
| CO-4 | Different Modules of ERP |
| CO-5 | Different processes of financial module in SAP ERP |

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| **Assurance of Learning and Assessment Items:**  *Specify Assessment Items that will assure student learning through application and achieve objectives of specific PLOs / COs / CLOs* | |
| **Assessment Item** | **Application/ Objectives**  **PLO / CO / CLO** |
| Quizzes | **CLO1, CLO2,CLO3,CLO4,CLO5** |
| Assignments | **CLO1, CLO2,CLO3,CLO4,CLO5** |
| Mid Term |  |
| Case Study & Attendance & Class Participation |  |
| Final Term Project |  |
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| **Assessment Structure and Grading Policy\*:** | | |
| **Assessment Item** | **Weight (%)** | **Execution Plan** |
| Quizzes | 12.5% | 4 Quizzes |
| Assignments | 12.5% | 4 Assignments |
| Mid Term | 25% | One-time assessment |
| Case Study & Attendance & Class Participation | 10% |  |
| Final Term Project | 40% | Viva, Final Presentation, Final Report |
| **Total** | **100** |  |
| **Notes – Norms and Important Class Policies:**  *(such as submission guidelines, academic honesty, make-up policy, code of conduct)*   * Be on Time   You need to be at class at the assigned time. After 10 minutes past the assigned time, you will be marked absent.   * Mobile Policy   **TURN OFF YOUR MOBILE PHONE!** It is unprofessional to be texting or otherwise.   * Email Policy   **READ YOUR EMAILS!** You are responsible if you miss a deadline because you did not read your email.  Participants should regularly check their university emails accounts regularly and respond accordingly.   * Class Attendance Policy   A minimum of 80% attendance is required for a participant to be eligible to sit in the final examination. Being sick and going to weddings are absences and will not be counted as present. You have the opportunity to use 6 absences out of 30 classes. Participants with less than 80% of attendance in a course will be given grade ‘F’ (Fail) and will not be allowed to take end term exams. International students who will be leaving for visa during semester should not use any days off except for visa trip. Otherwise they could reach short attendance.   * Withdraw Policy   Students may withdraw from a course till the end of the 12th week of the semester. Consequently, grade W will be awarded to the student which shall have no impact on the calculation of the GPA of student A. Students withdrawing after the 12th week shall be automatically awarded “F” grade which shall count in the GPA.   * Moodle   UMT –LMS (Moodle) is an Open Source Course Management System (CMS), also known as a learning Management System (LMS). Participants should regularly visit the course website on MOODLE Course Management system, and fully benefit from its capabilities. If you are facing any problem using moodle, visit <http://oit.umt.edu.pk/moodle>. For further query send your queries to [moodle@umt.edu.pk](mailto:moodle@umt.edu.pk)   * Harassment Policy   Sexual or any other harassment is prohibited and is constituted as a punishable offence. Sexual or any other harassment of any participant will not be tolerated. All actions categorized as sexual or any other harassment when done physically or verbally would also be considered as sexual harassment when done using electronic media such as computers, mobiles, internet, emails etc.   * Use of Unfair Means/Honesty Policy   Any participant found using unfair means or assisting another participant during a class test/quiz, assignments or examination would be liable to disciplinary action.   * Plagiarism Policy  All students are required to attach a “Turnitin” report on every assignment, big or small. Any student who attempts to bypass “Turnitin” will receive an “F” grade which will count towards the CGPA. The participants submit the plagiarism report to the resource person with every assignment, report, project, thesis etc. If a student attempts to cheat “Turnitin”, he/she will receive a second “F” that will count towards the CGPA. There are special rules on plagiarism for final reports etc. all outlined in your handbook. * Communication of Results   The results of quizzes, midterms and assignments are communicated to the participants during the semester and answer books are returned to them. It is the responsibility of the course instructor to keep the participants informed about his/her progress during the semester. The course instructor will inform a participant at least one week before the final examination related to his or her performance in the course. | | |

*\*Rubrics for all assessments (including mid and final exams) will be provided separately to the students.*

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| **Weekly Sessions Plan:** | | | |
| **Week** | **Topics / Contents** | **Activity** | **Application/Objectives**  **PLO / CO / CLO** |
| 1 | Understanding of Enterprise Resource Planning (ERP), Need of ERP with in Enterprise, Available Technologies for ERP in Market, Advantages of ERP,  Reasons of ERP growth in Market. | Lecturer | CO1,CLO1, PLO1. |
| 2 | What is Business Process Reengineering (BPR), What is Management Information System (MIS), What is Decision Support System (DSS), What is Executive Information System (EIS) | Lecture & Assignment | CO1, CLO1, CLO2 |
| 3 | Will understand different ERP systems,  Share of different ERP’s in Market | Case Discussion | CLO2, PO3 |
| 4 | Introduction to different financial tools.  SAP & Market Value of SAP | Case Discussion + Lecturer  Quiz -1 | CLO3, CO3, PO2 |
| 5 | Accounting basics and navigation of the product. | Lecturer + Computer Lab + Assignment | CLO2, CLO3, CO3 |
| 6 | Develop a complete understanding of SAP modules & Learn the importance of SAP Financial Module. | Computer Lab + Class Activity | CLO4, CO4, CLO5 |
| 7 | Understanding the basic concept of SAP financial accounts |  | CLO4, CO4 |
| 8 | How SAP Financials applications automate and streamline all financial business processes for enterprise-wide daily business intelligence that lets make more informed decisions  Key importance of General ledger  Purchase Order, PO Returns, Sale Order, SO Returns, | Lecturer + Quiz | CLO5, CO5 |
| 9 | Step up of Organizational Hierarchy and Company Step up in SAP | Computer Lab + Class Activity + Quiz | Understanding the concept of various goals behind sustainability issue worldwide. |
| 10 | Creation of GLs, transactions in general ledger accounting, Reporting | Case Discussion + Class Activity + Quiz | CLO5, CO5 |
| 11 | Understand Financial Modules General Ledger  Understanding the key importance of Chart of Accounts, Journals in Finance, financial sale tax and its components moreover Set up Reason Codes, Bank Accounts, Bank Parameters and Bank Transactions, Account Payable and process of flowing Account payable transactions, Account Receivable and process of flowing Account Receivable transactions | Case Discussion + Assignment | CO4,CLO4 |
| 12 | Understand of all processes which are directly or indirectly related to account receivable of an organization | Lecturer + Computer Lab + Class Activity | CLO5, CO5, PO4 |
| 13 | Understand of all processes which are directly or indirectly related to account payable of an organization | Computer Lab + Quiz | CO3, CO4,CO5, PO4 |
| 14 | Presentation and brief Summary of Financial Module | Lecturer + Case Discussion + Assignment | .CO3, CO4,CO5, PO4 |
| 15 | Final Project Presentation |  |  |
| 16 | Final Viva |  |  |
| 17 | Final Term Project Submission |  |  |

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| **Primary Text Book (s):** |
| Case Studies and Lecture Slides |

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| **Reference / Supplementary Reading (s):** |
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| **Useful Online / Web Resources:** |
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