**Subject Description Form**

|  |  |
| --- | --- |
| **Subject Code** | ISE2126/IC2126 |
| **Subject Title** | ERP Advanced |
| **Credit Value** | 1 Training Credit |
| **Level** | 2 |
| **Pre-requisite/ Co-requisite/ Exclusion** | Nil |
| **Objectives** | This subject aims at providing students with hands-on practice on the operation of contemporary enterprise resource planning in the whole business environment. |
| **Intended Learning Outcomes** | Upon completion of the subject, students will be able to:   1. Acquire a certain level of understanding and practical skill in using ERP software in assisting their future study and professional *(Objective 1 and Syllabus Item 1). Category A* 2. Describe business process common to most businesses (order processing, inventory management, procurement, etc.) *(Objective 1 and Syllabus Item 1). Category A* |
| **Subject Synopsis/ Indicative Syllabus** | Integrate Business Processes Sales order process, master schedule, procurement, invoicing the customer, payment, financial accounting, production management, inventory management |
| **Learning Methodology** | Both tutorial and hands-on exercises will be used to deliver various topics. Some of them covered in a problem-based learning approach where enhances intended learning outcomes, and the remaining hands-on practice for real-life applications. |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Assessment Methods in Alignment with Intended Learning Outcomes** | |  |  |  |  | | --- | --- | --- | --- | | **Assessment Methods** | **Weighting (%)** | **Intended Learning  Outcomes Assessed** | | | **a** | **b** | | 1. Assignment | 60 |  |  | | 1. Test | 40 |  |  | | Total | 100 |  | |   Assignment:  To reflect and apply the knowledge periodically throughout the training.  Test:  To reflect the understanding of the concepts throughout the training. | |
| **Student Study Effort Expected** | **Class Contact** | |
| * Workshop practice | 30 Hrs. |
| **Other Study Effort** | 0 Hr. |
| **Total Study Effort** | **30 Hrs.** |
| **Reading List and References** | 1. Training material, manual and articles published by Industrial Centre 2. Shtub, A., Enterprise Resource Planning (ERP): The Dynamics of Operations Management, Boston, Mass: Kluwer Academic Publishers, 1999. 3. Monk, Ellen F. and Bret J Wagner, Concepts in Enterprise Resource Planning, Boston, Mass: Course Technology/Cengage Learning, 2013. | |