

Subject Description Form

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| 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 | <p>Upon completion of the subject, students will be able to:</p> <p>a) Acquire a certain level of understanding and practical skill in using ERP software in assisting their future study and professional (<i>Objective 1 and Syllabus Item 1</i>). <i>Category A</i></p> <p>b) Describe business process common to most businesses (order processing, inventory management, procurement, etc) (<i>Objective 1 and Syllabus Item 1</i>). <i>Category A</i></p> |
| Subject Synopsis/ Indicative Syllabus | <p>1) <u>Integrate Business Processes</u></p> <p>Sales order process, master schedule, procurement, invoicing the customer, payment, financial accounting, production management, inventory management</p> |
| 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. |



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| Assessment Methods in Alignment with Intended Learning Outcomes | Assessment Methods | Weighting (%) | Intended Learning Outcomes Assessed | |
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| | 1. Assignment | 60 | ✓ | ✓ |
| | 2. Test | 40 | ✓ | ✓ |
| | Total | 100 | | |
| | <p>Assignment: To reflect and apply the knowledge periodically throughout the training.</p> <p>Test: To reflect the understanding of the concepts throughout the training.</p> | | | |
| Student Study Effort Required | Class Contact | | | |
| | ▪ Workshop practice | 30 Hrs. | | |
| | Other Study Effort | 0 Hr. | | |
| | Total Study Effort | 30 Hrs. | | |
| Reading List and References | <ol style="list-style-type: none"> Shtub, A., Enterprise Resource Planning (ERP): The Dynamics of Operations Management, Boston, Mass: Kluwer Academic Publishers, 1999. Joseph A Brady, Ellen F Monk, Bret Wagner, “Concepts in Enterprise Resource Planning”, Thompson Course Technology, USA, 2001. | | | |