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|  | **FACULTY OF ENGINEERING****UNIVERSITY OF MALAYA** |
| **FORM 1: E-LEARNING PLANNER**  |

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| **Subject Code/Name** | **KQX 7001 – RESEARCH METHODOLOGY (MSc)** |
| **Subject Lecturer(s) / Group(s)**  | **Ir. Dr. Lai Khin Wee**  |
| **Week** | **Date/****Time** | **Topics** | **Learning**  | **Assessment** |
| ***Learning*** | ***Feedback*** | ***Method(%)*** | ***CO***  |
| **1** | 23 Oct 2021 |  Course Information Methodology, History and Philosophy of Research | *Online and recorded Lecture (MS Teams)* | Forum (Spectrum) /WhatsApp |  |  |
| **2** | 30 Oct 2021 |  Research, Development and Innovation Landscape  Stages in Graduate Research | *Online and recorded Lecture (MS Teams)* | Forum (Spectrum) /WhatsApp |  |  |
| **3** | 6 Nov 2021 |  Literature Review Identification of Research Problem | *Online and recorded Lecture (MS Teams)* | Forum (Spectrum) /WhatsApp |  |  |
| **4** | 13 Nov 2021 |  Research Methodology and Experimental Design Design of Experiments | *Online and recorded Lecture (MS Teams)* | Forum (Spectrum) /WhatsApp |  |  |
| **5** | 20 Nov 2021 | Scientific Paper Writing: IntroductionJournal Impact Factor, Quartile, h-Index etc | *Online and recorded Lecture (MS Teams)* | Forum (Spectrum) /WhatsApp | Review writing (25%) | CO4 |
| **6** | 27 Nov 2021 |  UM Guidelines and Format for Thesis | *Online and recorded Lecture (MS Teams)* | Forum (Spectrum) /WhatsApp |  |  |
| **7** | 4 Dec 2021 | Thesis Writing Tips Find thesis / criticize it | *Online and recorded Lecture (MS Teams)* | Forum (Spectrum) /WhatsApp | Class participation (25%) | CO1 |
| **8** | 18 Dec 2021 | Journal paper writing | *Online and recorded Lecture (MS Teams)* | Forum (Spectrum) /WhatsApp |  |  |
| **9** | 25 Dec 2021 | Analysis of Contents of a Scientific Research Paper  | *Online and recorded Lecture (MS Teams)* | Forum (Spectrum) /WhatsApp |  |  |
| **10** | 1 Jan 2022 | Publishers, Journal submission platforms, reviewer’s comments  | *Online and recorded Lecture (MS Teams)* | Forum (Spectrum) /WhatsApp | Proposal submission (25%) | CO3 |
| **11** | 8 Jan 2022 | Ethical Issues Language  | *Online and recorded Lecture (MS Teams)* | Forum (Spectrum) /WhatsApp |  |  |
| **12** | 15 Jan 2022 | Attributes and Skills of a ResearcherReview of Basic Writing Skills in English | *Online and recorded Lecture (MS Teams)* | Forum (Spectrum) /WhatsApp |  |  |
| **13** | 22 Jan 2022 | Proposal Presentation | *Online and recorded Lecture (MS Teams)* | Forum (Spectrum) /WhatsApp | Proposal Presentation (25%) | CO2 |
| **14** | 29 Jan 2022 | Proposal Presentation | *Online and recorded Lecture (MS Teams)* | Forum (Spectrum) /WhatsApp | Proposal Presentation (continue) |  |
| **(E) 1** |  |  |  |  |
| **(E) 2** |  |

*\*Exact time of exam will be announced later and is subject to the exam timetable schedule. \*\*Separate session will be organized for software training*