1.	Name of Course/Module	Industrial Training
2.	Course Code	TPR 3311
3.	Status of Subject	Industrial Training for B.IT Artificial Intelligence
4.	MQF Level/Stage	Bachelor Degree – MQF Level 6
5.	Version (state the date of the last Senate approval)	June 2012
6.	Requirement for Registration	Completed 60 credit hours excluding Art & Humanities subjects
7.	Name(s) of academic/teaching staff	Leow Meng Chew
8.	Semester and Year offered	Trimester 2 (Gamma Level)
9.	Objective of the course/module in the programme : 1. To expose the student to the real working environment and acquainted with the organization structure, business operations and administrative functions. 2. To have hands on experience in their related fields so that they can relate and reinforce what has been taught at the university. 3. To foster cooperation and to develop synergetic collaboration between industry and the university in promoting a knowledgeable society. 4. To set the stage for future requirement by potential employers.	
10.	Learning Outcomes : At the completion of the subject, students should be able to: LO1: Identify essential soft skills in work and career related activities. (Cognitive, Level 1) LO2: Summarize tasks and activities done during industrial training. (Cognitive, Level 2) LO3: Apply technical concepts and practices in the specialized areas of the major. (Cognitive, Level 3) LO4: Analyze the requirements to address problems or opportunities faced by organizations. (Cognitive, Level 4) LO5: Compare expectations on workplace dynamics, skill set adequacy, and work culture before undergoing industrial training and what is expected on workplace dynamics, skill set adequacy, and work culture after undergoing industrial training. (Cognitive, Level 6)	
11.	Synopsis: Students will undergo a practical training lasting for not less than three months at an approved private, government or semi-government agencies. The list of participating agencies will be released by the Faculty. Placement at the respective agency will be initiated by applications by the students. Approval of the application is subject to the stated requirements at the discretion of the Faculty. During the training period, students will be given assignment, which have been agreed by the Faculty and the participating agency. Training may involve, for example, one or more of the following: feasibility study, requirement and functional analysis, system analysis and design, testing and implementation, maintenance and installation, security and recovery, programming and documentation, data collection and processing, organization reengineering and so forth.	

	Pelajar-pelajar akan menjalani latihan praktikal selama tidak kurang dari 3 bulan di sebuah agensi swasta, kerajaan atau semi-kerajaan. Senarai agensi-agensi yang terlibat akan diumumkan oleh pihak fakulti. Penempatan di dalam agensi adalah bermula dengan permohonan pelajar-pelajar. Kelulusan permohonan adalah di bawah kuasa fakulti berdasarkan syarat-syarat yang ditentukan. Semasa latihan, pelajar-pelajar akan diberi kerja-kerja yang dipersetujui oleh fakulti dan agensi yang terlibat. Contoh-contoh kerja latihan adalah seperti berikut: kajian "feasibility", analisa fungsi and keperluan, analisa system dan rekabentuk, testing dan implimentasi, penyelenggaraan dan pemasangan, sekuriti dan pemulihan, pemprograman dan dokumentasi, pengumpulan data, organisasi reengineering, dan sebagainya.

12. Mapping of Subject to Programme Outcomes :

Programme Outcomes	**% of Contribution**
PO1: Apply soft skills in work and career related activities	15.00
PO4: Recognise and pursue continued life-long learning throughout their career	15.00
PO5: Blend innovative mind and entrepreneurial skills	15.00
PO6: Relate moral and ethical values to the practice of a professional	10.00
PO7: Demonstrate knowledge and understanding of essential facts, concepts, principles, and theories relating to artificial intelligence	10.00
PO8: Apply principles and knowledge of artificial intelligence in relevant areas	10.00
PO9: Demonstrate the ability in analysing, modelling, designing, developing and evaluating computing solutions	25.00

13. Assessment Methods and Types :

The training will be graded as pass or fail subject to the assessment based on the:

- Lecturers evaluation of the student performance
- Employers evaluation of the student participation and assignment
- Student's written report

Upon passing, the student will accumulate six numbers of credits which will not be counted in the accumulative grade point average. Those who fail will repeat the training.

14.

Total Student Learning Time (SLT)	Face to Face (Hour)	Total Guided and Independent Learning
Assignments by External Supervisor (15 hours per week × 12 weeks)		180
Weekly Report to Internal Supervisor (2 hours per week × 12 weeks)		36
Visit by Internal Supervisor	1.5	
Final Report (4 hours per day × 6 days)		24
Final Presentation (2 hours × 6 days)	0.5	1.5
Sub Total	2	241.5
Total SLT	243.5	

15. Credit Value: 243.5/40 = 6.1 => 6

16.	Appendix (to be compiled when submitting the complete syllabus for the programme) : 1. Mission and Vision of the University and Faculty 2. Mapping of Programme Objectives to Vision and Mission of Faculty and University 3. Mapping of Programme Outcome to Programme Objectives 4. Programme Objective and Outcomes (Measurement and Descriptions)