



## PENILAIAN LATIHAN INDUSTRI INDUSTRIAL TRAINING EVALUATION

1. **Penyelia Latihan Industri diminta mengisi borang ini apabila pelajar telah tamat latihan.**  
*Industrial Training supervisor is requested to fill in this form after the student has completed the training.*

**Penyelaras Latihan Industri,**  
**Jabatan Kejuruteraan \_\_\_\_\_, (mengikut program jabatan masing-masing)**  
**Fakulti Kejuruteraan,**  
**Universiti Putra Malaysia,**  
**43400 UPM, Serdang Selangor.**

1. Nama pelajar <i>(Name of student)</i>		
2. No. Matrik <i>(Matric no.)</i>		
3. Program <i>(Programme)</i>		
4. Nama dan alamat organisasi <i>(Name and address of organisation)</i>		
5. Tarikh mula latihan : <i>(Start date):</i>	6. Tarikh tamat latihan : <i>(End date):</i>	
<b>7. Penilaian latihan keseluruhan 50%</b> <b><i>(Overall training assessment) 50%</i></b> <b>Sila menilai pelajar berdasarkan kepada kriteria berikut dengan menggunakan rubrik yang diberikan seperti di lampiran. <i>(Please evaluate the student based on the following criteria using the given rubrics as attachments.)</i></b>		
<b>Kriteria <i>(Criteria)</i></b>	<b>Markah Penuh <i>(Full Marks)</i></b>	<b>Markah <i>(Marks)</i></b>
<b>a. Mengaplikasi pengetahuan</b> <i>(Apply knowledge)</i> <i>Apply knowledge of mathematics, science, engineering fundamentals and engineering specialization to the solution of complex engineering problems (PO1)</i>	<b>5</b>	
<b>b. Kebolehan merancang dan menjalankan eksperimen/tugasan teknikal</b> <i>(Ability to plan and carry out experiments/technical tasks)</i> <i>Design and conduct experiment (PO4)</i>	<b>10</b>	
<b>c. Mengaplikasikan teknik, sumber dan alatan bantuan</b> <i>(Apply techniques, resources and aided tools)</i> <i>Create, select and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modelling, to complex engineering activities, with an understanding of the limitations (PO6)</i>	<b>10</b>	
<b>d. Membincangkan isu kontemporari yang berkaitan</b> <i>(Discuss the relevant contemporary issues)</i> <i>Apply reasoning informed by contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to professional engineering practices (PO7)</i>	<b>5</b>	
<b>e. Menunjukkan integriti profesional</b> <i>(Demonstrate professional integrity)</i> <i>Apply ethical principles and commit to professional ethics and responsibilities and norms of engineering practice (PO9)</i>	<b>5</b>	

<b>f. Kebolehan berkomunikasi</b> (Communication skills) Communicate effectively on complex engineering activities with the engineering community and with society at large, such as being able to comprehend and write effective report and design documentation, make effective presentations, and give and receive clear instructions (PO10)	<b>5</b>	
<b>g. Kebolehan sosial dan bertanggungjawab</b> (Social skills and responsibilities) Function effectively as an individual, and as a member or leader in diverse teams and in multi disciplinary setting (PO11)	<b>10</b>	
<b>JUMLAH (TOTAL)</b>	<b>50</b>	

8. Tiga aspek utama yang didedahkan kepada pelajar (Three main aspects that were exposed to the student)	<b>KOMPONEN (Components)</b>	<b>Pilih 3 aspek utama (✓) (Choose 3 main aspects) (✓)</b>
	Reka bentuk (Design)	
	Pembuatan (Manufacturing)	
	Analisis (Analysis)	
	Ujian (Test)	
	Kerja Tapak (Site work)	
	Selenggaraan (Maintenance)	
	Seliaan (Supervision)	
	Pentadbiran (Management)	
	Kerja Rutin (Routine work)	
	Lain-lain (Others)	Nyatakan: (State): _____
	9. Ulasan penyelia atas pelajar/ latihan industri (Supervisor comments on student/ industrial training)	<hr/> <hr/> <hr/>
10. Nama penyelia (Name of supervisor)		
11. Tandatangan dan cap rasmi syarikat (Signature and company's official stamp)		
12. Tarikh (Date)		

# RUBRIKS UNTUK PENILAIAN LATIHAN INDUSTRI

## RUBRICS FOR INDUSTRIAL TRAINING EVALUATION

a. MENGAPLIKASI PENGETAHUAN (Apply knowledge) PO1 C						
Marks:	0	1	2	3	4	5
	Poor		Acceptable		Excellent	
Theory and problem		Merely repeats information provided, taking it as truth, or denies evidence without adequate justification. Does not distinguish between fact, opinion, and value judgements		Examines the evidence and source of evidence; moderately questions its accuracy, precision, relevance, completeness. Sometimes not clearly distinguishes between fact, opinion and value judgements		Examines the evidence and source of evidence; questions its accuracy, precision, relevance, completeness. Clearly distinguishes between fact, opinion and acknowledges value judgements

b. KEMAMPUAN MERANCANG DAN MENJALANKAN EKSPERIMEN/TEKNIKAL (Ability to plan and carry experiments/technical) PO4 P						
Marks:	0	1-2	3	4-6	7	8-10
	Poor		Acceptable		Excellent	
Execution of task		Demonstrates insufficient ability to conduct experiments/technical works.		Demonstrates adequate ability to conduct experiments/technical works.		Demonstrates good ability to conduct experiments/technical works.

c. MENGAPLIKASIKAN TEKNIK, SUMBER DAN ALATAN BANTUAN (Apply techniques, resources and aided tools) PO6 P						
Marks:	0	1-2	3	4-6	7	8-10
	Poor		Acceptable		Excellent	
Use of tools/resources		Serious deficiencies in understanding the correct selection, limitation and use of tools / resources.		Moderate understanding of the correct selection, limitation and use of tools / resources.		Complete understanding of correct selection, limitation and use of tools / resources.

d. MEMBINCANGKAN ISU KONTEMPORARI YANG BERKAITAN (Discuss the relevant contemporary issues) PO7 A						
Marks:	0	1	2	3	4	5
	Poor		Acceptable		Excellent	
Compliance to health, safety and legal		Insufficient evidence of any appreciation and/or understanding of compliance to health, safety and legal.		Sound understanding of and mostly effective in addressing issues related to health, safety and legal .		Clear and complete understanding of and effective in addressing issues related to health, safety and legal.

e. MENUNJUKKAN INTEGRITI PROFESIONAL (Demonstrate professional integrity) PO9 A						
Marks:	0	1	2	3	4	5
	Poor		Acceptable		Excellent	
Professional Integrity		Insufficient evidence of any appreciation and/or understanding of professional integrity and/or ethics.		Sound understanding of and mostly effective in addressing issues related to integrity and ethics.		Clear and complete understanding of and effective in addressing issues related to integrity and ethics.

f. KEBOLEHAN BERKOMUNIKASI (Communication skills) P010 A						
Marks:	0	1	2	3	4	5
		Poor		Acceptable		Excellent
Professional Communication		Student communicates ineffectively in report, documentation, instructions and presentations. Unnecessary pauses, filler words. Problems with voice control, eye contact or posture. Incorrect or inappropriate language. Visuals/notes are not used as needed.		Student appears proficient with language, vocal and physical expression. Demonstrates adequate communication in report, documentation, instruction and presentations. Notes and visuals used as needed.		Student uses grammatically correct and appropriate language. Smooth, effective delivery. Good voice control, eye contact, and physical demeanour. Communicate effectively in report, documentation, instructions and presentations. Notes and visuals used to enhance the presentation.

g. KEBOLEHAN BERSOSIAL DAN BERTANGGUNGJAWAB (Social skills and responsibilities) PO11 A						
Marks:	0	1-2	3	4-6	7	8-10
		Poor		Acceptable		Excellent
Participating		Tasks are not well-performed and student participates inactively. There is no follow-up.		Tasks are satisfactory performed. Student contributes. Follow-up is sporadic.		There is a clear definition to be accomplished, anticipating future needs. Tasks are well performed. Student engages in follow-up activities to monitor progress.