



BAHAGIAN PENGAJIAN SISWAZAH
Pusat Pengajian Kejuruteraan Bahan Dan Sumber Mineral
Universiti Sains Malaysia, Kampus Kejuruteraan
TEL.: 604-5995999

RUMUSAN PENCAPAIAN HASIL PEMBELAJARAN PROGRAM
(PROGRAMME LEARNING OUTCOME ATTAINMENT SUMMARY)

Nama/Name: No Matriks/Matrix No.:

Nama Penyelia Utama/Bersama*:
Name of Main Supervisor/Co-supervisor*

Program/Programme: Tahap Pengajian/Level of study: MSc/PhD*

Tajuk Tesis/Thesis Title:
.....
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Penilaian Holistik Pencapaian Hasil Pembelajaran/ Holistic Assessment on Learning Outcome Attainment

PLO	Student's achievement by semester (Number of activities for each PLO) - Refer Appendix										Total number of activities completed	Total number of activities required	PLO achievement				
	Semester												1	2	3	4	5
	1	2	3	4	5	6	7	8	9	10							
PLO1																	
PLO2																	
PLO3																	
PLO4																	
PLO5																	
PLO6																	
PLO7																	
PLO8																	
PLO9																	
PLO10																	
PLO11																	

Ulasan keseluruhan oleh penyelia ke atas mutu hasil kerja pelajar dan pencapaian PLO/Overall comment by supervisor on student's quality of work and PLO attainment.

Tandatangan Penyelia Utama/Bersama*
Main supervisor's/co-supervisor's signature*

Tandatangan TD Siswazah
Deputy Dean's Signature

Tandatangan Dekan
Dean's Signature

Nota/Note:

*: Potong mana yang tidak berkenaan/Cross out whichever not relevant.

1. Penyelia perlu mencatat bilangan aktiviti berkaitan yang telah tercapai (berdasarkan kepada rubrik/senarai aktiviti yang dilampirkan) dan mengira tahap pencapaian mengikut kuantiti dan kualiti yang ditetapkan serta mengira pencapaian hasil pembelajaran mengikut skala 1 – 5 (bagi tujuan penentuan pencapaian di akhir sesi viva).

The supervisor shall record the numbers of activities achieved (based on the rubrics/list of activities attached) and calculate learning outcome attainment and decide the score from 1 to 5 for the purpose of determining OBE achievement at the end of the viva session

2. Borang ini perlu diberi kepada TD siswazah untuk pengesahan dan dilampirkan bersekali dengan NOS. Satu Salinan perlu disimpan oleh penyelia dalam fail penyeliaan.
The form must be given to the Deputy Dean of Postgraduate studies for verification and attached with NOS. A copy must be kept in the supervision file.

Suggested Assessment Criteria/ Activities and Rubrics for the Attainment of PLO

Note: Supervisor must discuss with the students on achievement over the period of study to ensure KPI's for each attainment are realistic

PLO*	Attainment of PLO by programme	Attainment of PLO at the end of study				
		1	2	3	4	5
PLO 1- Knowledge and understanding	At least 5 activities achieved. (SET BEWTEEN STUDENT AND SUPERVISOR)	Completed less than 50% of the required activities.	Completed less than 100% of the required activities.	Completed the required activities.	Completed more than the required activities with great impact to the study.	Completed more than the required activities with great impact to the study and significant contribution to the programme.
PLO2 – Cognitive Skills	At least 5 activities achieved.	Completed less than 50% of the required activities.	Completed less than 100% of the required activities.	Completed the required activities.	Completed more than the required activities with great impact to the study.	Completed more than the required activities with great impact to the study and significant contribution to the programme.
PLO3 – Practical Work Skills	At least 5 activities achieved.	Completed less than 50% of the required activities.	Completed less than 100% of the required activities.	Completed the required activities.	Completed more than the required activities with great impact to the study.	Completed more than the required activities with great impact to the study and significant contribution to the programme.
PLO 4 –Interpersonal Skills	At least 2 activities achieved.	Completed less than 50% of the required activities.	Completed less than 100% of the required activities.	Completed the required activities.	Completed more than the required activities with great impact to the study.	Completed more than the required activities with great impact to the study and significant contribution to the programme.
PLO5 – Communication Skills	At least 3 activities achieved.	Completed less than 50% of the required activities.	Completed less than 100% of the required activities.	Completed the required activities.	Completed more than the required activities with great impact to the study.	Completed more than the required activities with great impact to the study and significant contribution to the programme.
PLO6 – Digital Skills	At least 2 activities achieved.	Completed less than 50% of the required activities.	Completed less than 100% of the required activities.	Completed the required activities.	Completed more than the required activities with great impact to the study.	Completed more than the required activities with great impact to the study and significant contribution to the programme.
PLO7- Numerical Skills	At least 2 activities achieved.	Completed less than 50% of the required activities.	Completed less than 100% of the required activities.	Completed the required activities.	Completed more than the required activities with great impact to the study.	Completed more than the required activities with great impact to the study and significant contribution to the programme.
PLO8 – Leadership, autonomy & responsibility	At least 2 activities achieved.	Completed less than 50% of the required activities.	Completed less than 100% of the required activities.	Completed the required activities.	Completed more than the required activities with great impact to the study.	Completed more than the required activities with great impact to the study and significant contribution to the programme.
PLO9 – Personal Skills	At least 2 activities achieved.	Completed less than 50% of the required activities.	Completed less than 100% of the required activities.	Completed the required activities.	Completed more than the required activities with great impact to the study.	Completed more than the required activities with great impact to the study and significant contribution to the programme.
PLO10 - Entrepreneurial skills	At least 2 activities achieved.	Completed less than 50% of the required activities.	Completed less than 100% of the required activities.	Completed the required activities.	Completed more than the required activities with great impact to the study.	Completed more than the required activities with great impact to the study and significant contribution to the programme.
PLO 11 - Ethics and Professionalism	At least 2 activities achieved.	Completed less than 50% of the required activities.	Completed less than 100% of the required activities.	Completed the required activities.	Completed more than the required activities with great impact to the study.	Completed more than the required activities with great impact to the study and significant contribution to the programme.