	STANDARDS	EVIDENCES					
1.1 Statement of Programme Aims, Objectives and Learning Outcomes							
<u>Inform</u> 1.1.1	ation on Benchmarked Standards State the aims, objectives and the learning outcomes of the programme. How are these aims, objectives and learning outcomes made known to the department's internal and external stakeholders? Who were consulted in developing the aims, objectives and learning outcomes of the programme?	 Student's guide book Studen's kit Institution's website Posting at strategic locations Academic brochures Minit mesyuarat Lembaga Penasihar program (BPK) Minutes of meeting with stakeholder 					
1.1.2	What is the vision and mission of the HEP? Show how the aims, objectives and learning outcomes of the programme are in line with, and supportive of, the vision and mission of the HEP.	Matrix of mission and vision versus programmes aims					
1.1.3	Provide the justification for the proposed programme. How does this programme fulfil the market needs and contribute to the social and national development? How does this programme relate to other programmes offered by the department?	 Program Need Analysis Tracer Study Employer Survey Minutes of Industrial dialogue Relation of all programs in the department 					
	ation on Enhanced Standards How does the programme aims, objectives and learning outcomes incorporate issues of leadership, social responsibility, scholarship, community involvement, ethical values and professionalism?	Matrix of PEO, PLO and CLO versus MQA Learning Domain					
1.1.5	Indicate those who are consulted and the degree of their involvement in both the formulation and periodic review of programme aims, objectives and learning outcomes.	 Minit mesyuarat jawatankuasa penasihat kurikulum program Minit mesyuarat jawatankuasa penggubal kurikulum Maklumbalas Tracer Study 					

1.2	Learning Outcomes		
	 <u>Information on Benchmarked Standards</u> 1.2.1 State the programme learning outcomes according to the level of study based on the following eight MQF learning outcomes domains: Knowledge Practical skills Social skills and responsibilities Ethics, professionalism and humanities Communication, leadership and team skills Scientific methods, critical thinking and problem solving skills Lifelong learning and information management Entrepreneurship and managerial skills 	•	Rujuk dokumen kurikulum
	1.2.2 Map the learning outcomes of the individual courses to the eight MQF domains. (Matrix of Programme and Module Learning Outcomes)	•	Rujuk dokumen kurikulum
	1.2.3 Show how the achievements of the learning outcomes are measured.	•	Rujuk dokumen kurikulum JSP JSI
	1.2.4 Describe how the learning outcomes relate to the existing and emergent needs of the profession and the discipline.	•	Rujuk dokumen kurikulum Data from market survey
	 <u>Information on Enhanced Standards</u> 1.2.5 Explain how the competencies are related to the needs of the students' future workplace. 	• • •	Rujuk dokumen kurikulum PAI Programme's Needs Analysis

	STANDARDS	EVIDENCES
1	Academic Autonomy	
	 <u>Information on Benchmarked Standards</u> 2.1.1 Describe the provisions and practices that ensure the autonomy of the department in curriculum design and delivery, and in allocation of resources. Provide supporting documents where appropriate. 	 Lembaga Kurikulum Kursus Pengajian & Program Latihan di Politeknik KPT Lembaga Peperiksaan & Penganugerahan Sijil/Diploma Politeknik KPT JK Penasihat Kurikulum JK Penggubal Kurikulum JK Penasihat Industri JPP JK Penasihat Industri Politeknik Dialog Industri <i>Curriculum Information Document</i> <i>Online System</i> (CIDOS)
	2.1.2 Show the relationship between the departmental board and the senate.	 Lembaga Kurikulum Kursus Pengajian & Program Latihan di Politeknik KPT Lembaga Peperiksaan & Penganugerahan Sijil/Diploma Politeknik KPT
	2.1.3 How does the department ensure that the academic staffs have sufficient autonomy in areas of his expertise?	 JK Penggubal Kurikulum Curriculum Information Document Online System (CIDOS) Fail Rekod Pensyarah (FRP) Contoh skrip soalan Contoh skema jawapan
_	 <u>Information on Enhanced Standards</u> 2.1.4 State the departmental policies and practices to address conflict of interest, for example, staff involvement in private practice, part-time employment ar consultancy services. 	

2.1.5	What are the HEP's plans to expand the autonomy of the academic staff? What is the department's role and how does it support this?	 Autonomy in new program identifications Autonomy in T&L process Autonomy in continuous assessments Minutes of JPP's management meeting Polytechnic Transformational Plan
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2.2	Progra	amme Design and Teaching-Learning Methods		
	Inform 2.2.1	ation on Benchmarked Standards Describe the processes, procedures, and mechanisms for curriculum development. How are the academic and administrative staff involved in this process?	•	Lembaga Kurikulum Kursus Pengajian & Program Latihan di Politeknik KPT Lembaga Peperiksaan & Penganugerahan Sijil/Diploma Politeknik KPT JK Penasihat Kurikulum JK Penggubal Kurikulum JK Penasihat Industri JPP JK Penasihat Industri Politeknik
	2.2.2	What are the various teaching and learning methods used in curriculum delivery to achieve the programme learning outcomes? Describe them.	•	Dokumen Kurikulum FRP JSP
	2.2.3	Show evidence that the department have considered market and societal demand for the programme as well as sufficient resources to run it.	• • • •	Program <i>Need Analysis</i> JK Penasihat Kurikulum JK Penasihat Industri JPP JK Penasihat Industri Politeknik NKEA Chapter 5 Kertas Kerja Kelulusan Program
	2.2.4	Explain how the programme promotes critical enquiry, develop problem solving, decision making, and analytical thinking skills, as well as encourages students to take active responsibility for their learning, and prepares them for lifelong learning.	•	Dokumen Kurikulum (matrik GSA) FRP
	2.2.5	Describe the diverse learning methods and sources, within and outside the	•	Dokumen Kurikulum (matrik GSA)

	classroom, where students acquire knowledge, mastery of skills, and develop attitudes and behaviour in preparation for their learning, individual growth, future work and responsible citizenry (e.g., co-curriculum).	 FRP Latihan Industri (LI) Work Based Learning (WBL) Finishing School
		 Pensijilan Profesional JK Perwakilan Pelajar Lawatan Sambil Belajar Seminar Ko Kurikulum
	 Information on Enhanced Standards 2.2.6 Show how the programme encourages a multi-disciplinary approach and co- curricular activities in enhancing and enriching the personal development of the learner. 	 Aktiviti Pelajar Dokumen Kurikulum (matrik GSA) FRP Latihan Industri (LI) Work Based Learning (WBL) Finishing School Pensijilan Profesional JK Perwakilan Pelajar Lawatan Sambil Belajar Seminar Ko Kurikulum Aktiviti Pelajar
	2.2.7 How are external sources engaged in the needs analysis for this programme? How are their commentaries utilised to improve the programme?	 Kajian Kebolehpasaran Graduan Dokumen NKEA Chapter 5 Kertas Kerja Kelulusan Program
	2.2.8 What are the co-curricular activities that enrich student learning experience, and foster personal development and responsibility?	 Laporan Aktiviti Kelab dan Sukan Laporan Aktiviti Keusahawanan Contoh: Wataniah, Polibriged, PBSM dll.
2.3	Curriculum Content and Structure	
	The department is required to complete Table 1 and 2 to highlight the core subject matter essential for the understanding of the concepts, principles and methods that	

2.3.1		<u>i on Benchr</u>	narked Standards							
	Clas	sification of	subjects (Provide	informat	ion where a	pplicab	le in Table	ə 1):	•	Rujuk struktur kurikulum
т	Tabla	1. Compon	anta of the program	~~~ ~~~	ite velue					
I			ents of the progran		Credit Value		centage	1		
	4		•				centage			
	1.		sory modules							
	2.		jor/Concentration: Courses/modules							
	Ζ.			thesis						
			dissertation	116315						
	_		/ elective							
	3.	courses/								
	4.	Minor co	urses/modules							
	5.	Industria	l training							
	6.	Practicu	m							
	7.	Others (s	specify)							
		T	otal Credit Value				100%			
	L							1		
2.3.2	List	the subjec	ts offered in the	progran	nme, and i	nclude	their class	ssification		
	Plea	ise arrange	by year and semes	ster offer	ed as in T	able 2.			•	Agihan kursus setiap pensyarah
_		.	(<i></i> .						•	Jadual waktu pensyarah
I			ourse/module offere							
		Semester/ Year	Name and Code of	(Major		Credit /alue	Name(s) of)		
		Offered	Course/Module		e/Audit)	aiue	Lecture	r		
	1	Unereu					Lecture	<u> </u>		
	2									
	2									
				1				1	1	

	5												
	ĻĻ		,				- (D						
2.3.3		ic informatic	on of eac	h co	urse	modu	ile (Pi	ovide	informatic	on where ap	plicable		
	IN T	able 3.)										•	Rujuk dokumen kurikulum (silibus)
	Table 3: Summary of information on each course/module												
	1. Name of Course/Module]		
	2.	Course Co		<u>o a a a</u>									
	3.	Name(s) of		nic st	aff								
	4.	· · · /				f the c	ourse	/modu	le in the p	rogramme			
	5.	Semester							I	0	-		
	6.	Total Stud	lent	Fac	ce to	Face		Total	Guided a	nd			
		Learning ⁻	Time					Indep	endent Le	earning			
		(SLT)											
		L = Lectur	-	L	Т	Ρ	0						
		T = Tutoria											
		P = Practi											
		O= Others											
	7.	Credit Val		<u></u>							-		
	8.	Prerequisi)							-		
	9.	Objectives									-		
	10.	5									-		
	11.						I			- (
		Skills and practical e						assess	ea, Proje	ct and			
	12.							toqu					
	13.	5	leanning		1996	5511101	11 5110	legy					
	14.												
	14.	Lecture, T		/orks	shop	Sem	inar 4	etc					
	15.										1		
	10.			u		1000							
	16.	Mapping of	of the cou	irse/r	nodu	ile to	the Pr	ogram	me Aims		-		
								2					

	17 18 19 20	Outcomes . Content outline of the course/module and the SLT per topic . • Main references supporting the course • Additional references supporting the course		
	abr	hat are the department's plan to periodically review the programme to keep reast with scientific, technological and knowledge development of the cipline, and with the needs of society?	•	Program Evaluation Feedback From Lectures & students via CIDOS Feedback Dialogue Industries Minit mesyuarat jabatan bagi semakan semula kurikulum
	2.3.5 Sh	n on Enhanced Standards ow evidence that the department has the mechanism in place to access to the est development in the field of study.	• • • •	Penasihat Industri Kolaborasi/Kerjasama (MOU) dengan Industri berkaitan Pemantauan LI Pelajar Dialog industri Lawatan industri Konferens Jurnal
2.4	Managem	ent of the Programme		
	2.4.1 Pro	n on Benchmarked Standards ovide a sample of the Student Study Guide, Student Handbook and Student oject Handbook, where applicable.	•	Contoh Student Study Guide
	car	te the manner in which the academic management of the programme is ried out, including those pertaining to curriculum development, programme nagement and student feedback.	•	Carta JK Akademik Politeknik
	2.4.3 Sta	te the designation, responsibility and authority of the main academic officer	•	Spesifikasi tugas Jawatankuasa

	and committee responsible for the programme. Do they have adequat resources? Show evidence.	e Akademik Politeknik
	2.4.4 Describe the review and evaluation process for the programme and the utilisation of the results.	 Polisi penyemakan semula kurikulum Analisa maklumbalas CIDOS Validasi program Minit mesyuarat JK Pensihat Kurikulum Minit mesyuarat jabatan bagi semakan semula kurikulum
	2.4.5 Show how the learning environment nurtures scholarly and creative achievements	 Latihan Industri (LI) Work Based Learning (WBL) Finishing School Pensijilan Profesional JK Perwakilan Pelajar Lawatan Sambil Belajar Seminar Ko Kurikulum Aktiviti Pelajar dalam Pertandingan Projek Pelajar
	 <u>Information on Enhanced Standards</u> 2.4.6 Describe the department's initiative to encourage innovations to teaching- learning. 	 Pertandingan Bahan Inovasi P&P Sangkutan Industri Politeknik Seminar
	2.4.7 Show how the department engages external expertise in the review and evaluation of the programme.	 JK Penasihat Kurikulum Dialog Industri Aktiviti Pelajar dalam Pertandingan Penglibatan pensyarah dari industri External examiner
2.5	Linkages with External Stakeholders	
	 <u>Information on Benchmarked Standards</u> 2.5.1 Describe the links that exist between the department and its externa stakeholders for the purpose of curriculum improvement. 	 Lembaga Kurikulum Kursus Pengajian & Program Latihan di Politeknik KPT Lembaga Peperiksaan &

	Penganugerahan Sijil/Diploma
	Politeknik KPT
	JK Penasihat Kurikulum
	JK Penggubal Kurikulum
	JK Penasihat Industri JPP
	JK Penasihat Industri Politeknik
	MOU/MOA bersama stakeholders
Information on Enhanced Standards	Program Evaluation
2.5.2 State the existing mechanism to obtain and utilise feedback from employers for the improvement of the curriculum, training and workplace exposure.	Feedback From Lectures & students via CIDOS
	Feedback Dialogue Industries
	Penasihat Industri
	 Kolaborasi/Kerjasama (MOU) dengan Industri berkaitan
	Pemantauan LI Pelajar
	Alumni survey
	Employer survey
2.5.3 What opportunities are available to students to have linkages with external	()
stakeholders?	Work Based Learning (WBL)
	Finishing School
	Pensijilan Profesional
	 JK Perwakilan Pelajar
	Lawatan Sambil Belajar
	Seminar
	Ko Kurikulum
	Aktiviti Pelajar dalam Pertandingan
	Projek Pelajar

	STANDARDS		EVIDENCES
3.1	Relationship Between Assessment and Learning		
	Information on Benchmarked Standards 3.1.1 Explain how assessment principles, methods and practices are aligned to the learning outcomes and programme content.	•	Sistem penyelarasan kursus Pemantauan oleh KJ, KP, Penyelaras Kursus serta JK Akademik Jab (Pensyarah Kanan)
	3.1.2 State how assessment of students is consistent with the levels defined in the MQF and its eight domains of learning outcomes (e.g., critical thinking, problem solving, integrated learning, lifelong learning, etc.) The HEP may provide the information in a matrix form similar to what is required for 1.2.2 as well as Table 3 in 2.3.3.	•	JSI dan JSP dalam membuat penilaian (PB dan PA)
	3.1.3 Indicate how the department monitors student assessment to reduce curriculun overload and encourage integrated learning.	n • •	Folio pelajar Mesyuarat Jabatan Pemantauan oleh KJ dan KP
	3.1.4 Describe how the department ensures that appropriate attitudes are inculcated and assessed (e.g., respect for socio-cultural diversity, sensitivity to rights o others, cost effectiveness, teamwork, lifelong learning).	d • of	Contoh laporan aktiviti penglibatan pelajar dengan local community, agensi kerajaan & NGOs.
	 Information on Enhanced Standards 3.1.5 Describe how the link between assessment and learning outcomes are periodically reviewed to ensure its effectiveness. 	•	Dokumen Kurikulum dan Buku Panduan Peperiksaan dan Penilaian terbitan Bahagian Peperiksaan dan Penilaian. Bukti perkaitan antara Mesyuarat Peperiksaan Jabatan, Mesyuarat Peperiksaan Politeknik dan Mesyuarat Lembaga Peperiksaan
3.2	Assessment Methods		mosydarat Lembaya i epentsaan
	Information on Benchmarked Standards 3.2.1 Describe the student assessment methods in terms of its duration, diversity	•	Dokumen Kurikulum dan Terms of Reference (TOR)

3.2.2 Des clini	ghtage criteria and coverage, and how these are documented and nmunicated to the students.	• • • • •	Buku garispanduan pelaksanaan peperiksaan Handouts kepada pelajar di awal semester Rubrics Skema jawapan Penyediaan borang penilaian Rubrics
	w is the assessment methodologies reviewed periodically to ensure currency n development in best practices?	•	Minit mesyuarat berkaitan di Bahagian Pembangunan Kurikulum Minit Mesyuarat Ketua-ketua Jabatan Minit mesyuarat berkaitan di Bahagian Penaksiran dan Persijilan
•	plain how the HEP monitors the reliability and validity of student assessment or time and across sites.	•	JSP JSI Folio pelajar
con or i	scribe how the review of the assessment methods in the programme is iducted (e.g., the existence of a permanent review committee on assessment, in consultation with external assessors and examiners, students, alumni, ustry).	•	Pemantauan JK Akademik Jabatan, KJ,KP dan BPK, BKI dan BTS
3.2.6 Des prac	on Enhanced Standards scribe how the internal assessments are comparable to that of external best ctices (e.g., through evaluation by external examiners, in comparison with dent assessment held in reputable institutions).	•	Assessment Advisory Panel Committee by 2011 External examiners
	scribe how external expertise, locally and internationally, are consulted in the iew of the assessment system.	•	Assessment Advisory Panel Committee by 2011 External examiners
Information	ent of Student Assessment on Benchmarked Standards scribe the authority responsible for assessment policy and their terms of	•	Bahagian Pembangunan Kurikulum Bahagian Pentaksiran dan Persijilan

	reference.		
3.3.2	Explain the mechanisms used to ensure the credibility, reliability and fairness of the assessment system (for example, the use of external expertise, consultant, internal and external vetting, continuous monitoring) in accordance with established procedures and regulations.		Assessment Advisory Panel Committee by 2011 External examiners JSP JSI Panel penggubal soalan
3.3.3	Indicate the committees and processes for: i. verification and moderation of summative assessments; and ii. benchmarking academic standards of assessment.	•	Bahagian Pembangunan Kurikulum Bahagian Pentaksiran dan Persijilan Assessment Advisory Panel Committee by 2011 External examiners
3.3.4	Describe how confidentiality and security are ensured in student assessment processes and of academic records.	•	Buku Panduan Peperiksaan dan Penilaian terbitan Bahagian Peperiksaan dan Penilaian Jadual Peperiksaan Jadual pengambilan dan pemulangan kertas soalan Menandatangani Akta Rahsia rasmi Bilik kebal
3.3.5	Explain how assessment performance and results are made available to students.	•	Slip keputusan peperiksaan Keputusan secara online
3.3.6	Explain how the department provides feedback to the students on their academic performance to ensure that they have sufficient time to undertake remedial measures.	•	Memberikan semula kuiz, ujian dan penilaian lain yang telah ditanda dalam masa yang telah ditetapkan Penasihat akademik
3.3.7	How are records made available to students for purposes of feedback on performance, review and corrective measures?	•	Folio pelajar Prosedur MS ISO
3.3.8	Specify whether students have the right to appeal. Provide information on the appeal policy and processes. How are appeals dealt with?	•	Buku Panduan Peperiksaan dan Penilaian terbitan Bahagian Peperiksaan dan Penilaian.

3.3.9 Explain the mechanism to review and implement new methods of assessment.	Minit mesyuarat Bahagian Pentaksiran dan Persijilan
3.3.10 Append a copy of the Regulations of Examination.	Buku Panduan Peperiksaan dan Penilaian terbitan Bahagian Peperiksaan dan Penilaian.
Information on Enhanced Standards 3.3.11 How are student representatives, academic staff and stakeholders involved in	Perjumpaan dengan KJ, KP, JK Akademik Jabatan dan JPPelajar
improving the system of student assessment?	
3.3.12 How autonomous is the department and its academic staff in the management of	
student assessment?	• JSP
	• JSI
	• FRP
	Folio pelajar
3.3.13 Explain the nature of the independent external scrutiny of student assessment to	Assessment Advisory Panel
improve the management of the assessment system.	Committee by 2011
	External examiners

		STANDARDS		EVIDENCES
4.1	Admis	ssion and Selection		
	<u>Inform</u> 4.1.1	ation on Benchmarked Standards Who is responsible for student selection? State the academic criteria and the mechanisms for admission to the programme and any other additional requirements. Show evidence that the admission policy and mechanism is free from discrimination and bias.	•	BAP Syarat kelayakan masuk
	4.1.2	Provide evidence that the students selected fulfill the admission policies.	•	Surat tawaran kemasukan
	4.1.3	Describe the admission mechanisms and criteria for students with other equivalent qualifications (where applicable).	•	Buku Pengecualian Modul Edisi 3
	4.1.4	Show how the criteria and mechanisms are published and disseminated.	•	Web site Iklan kemasukan – print media and online
	4.1.5	Describe the appeal mechanism.	•	On line appeal
	4.1.6	Describe the characteristics of students admitted. Provide a copy of any technical standards that have been deployed for the admission of students with special needs.	•	Syarat kemasukan mengikut bidang Syarat kemasukan program Sijil Khas
	4.1.7	Indicate the forecast student intake for the next five years. (Refer also to	•	Sasaran enrolmen pelajar mengikut jabatan dan tahun

item 13 of Part B). Describe how the size of student intake is determined in relation to the capacity of the department and explain the mechanisms that exist for adjustments, taking into account the admission of visiting, exchange and transfer students.	Rasional sasaran enrolmen pelajar
4.1.8 Describe how the selection methods comply with the HEP's social responsibilities, human resource requirements and needs for further studies and lifelong learning.	Entrance based on merit
4.1.9 If a selection interview is utilised, describe it.	Rubrics for interview
4.1.10 State what special programmes are provided for those who are selected but need additional remedial assistance.	Minggu suai kenalKursus pengukuhan?Kursus Bahasa Inggeris?
4.1.11 How does the department continuously monitor and periodically review student selection processes?	 Polisi Ambilan Pelajar Bahagian Ambilan Pelajar
Information on Enhanced Standards 4.1.12 How does the department engage the relevant stakeholders in the review of its admission policy and processes?	 Polisi Ambilan Pelajar Bahagian Ambilan Pelajar
4.1.13 Show the relationship between student selection, the programme, and the learning outcomes.	 Analisa Peperiksaan Pencapaian KPI CLO, PLO dan PAI

4.2	Articulation Regulation, Credit Transfer and Credit Exemp	tion
	Information on Benchmarked Standards 4.2.1 Describe the policies, regulations and processes of cre exemption and articulation practices, and how these ar	
	 <u>Information on Enhanced Standards</u> 4.2.2 Describe how the department keeps abreast of latest regards to articulation, credit transfer and cross-border 	development with • Benchmarking visits • MOA with other IPT
4.3	Transfer of Student	
	 <u>Information on Benchmarked Standards</u> 4.3.1 Explain the policy, criteria and mechanisms to enable to transfer to another programme. Indicate if there mechanisms such as a bridging course for students who are a bridging course	e are appropriate
	4.3.2 Indicate how students accepted for transfer demon achievements in their previous institution of study. Pr data to support this.	
	Information on Enhanced Standards 4.3.3 Describe how the department facilitates student mobili	ty, exchanges and
	transfers, nationally and internationally	

4.4	(Man <u></u> institu	nt Support Services and Co-curricular Activities y of the components of the student support services below apply at the utional level and the students at the department level have access to these al services and facilities.)		
	<u>Inform</u> 4.4.1	ation on Benchmarked Standards What support services are made available to students? Show evidence that those who provide these services are qualified. What other additional support programmes provided by other organisations are accessible to students?	•	Pegawai kaunseling Penasihat Akademik
	4.4.2	Describe the accessibility, confidentiality and effectiveness of the academic, non-academic and career counseling services available to students.		
	4.4.3	What mechanism is available for students to complain and to appeal on matters relating to student support services?		
	4.4.4	How are the adequacy, effectiveness and safety of these services evaluated and ensured?		
	4.4.5	Describe the roles and responsibilities of those responsible for student co-curricular activities.		

	4.4.6 Describe the management of the activities and maintenance of studen records.	
	4.4.7 How are students orientated into the programme?	
	Information on Enhanced Standards	
	4.4.8 Describe the relationship between the student support services and co-	
	curricular activities and the learning outcomes of the programme.	
	4.4.9 How is the effectiveness of the counselling services measured, and the progress of those who seek its services monitored? What plans are there to improve the services, including that of enhancing the skills and	
	professionalism of the counsellors?	
	4.4.10 Describe the mechanisms that exist to identify students who are in need of spiritual, psychological, social and academic support.	
4.5	Student Representation and Participation	
	Information on Benchmarked Standards	
	4.5.1 How are student representation organised at the institutional and departmental levels?	
	4.5.2 How are students encouraged to actively participate in curriculum development, teaching-learning processes as well as in other areas that affect their welfare?	
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	Informa	ation on Enhanced Standards	
	4.5.3	How are student activities and student organisations through which	
		they acquire skills and experiences to build character, leadership and	
		responsibility supported by the department?	
	4.5.4	What is the policy regarding student publication? What facilities are	
		available to encourage student involvement in publication?	
.6	Alum	ni	
	<u>Inform</u>	ation on Benchmarked Standards Not applicable.	
	Inform	ation on Enhanced Standards	
	4.6.1	How does the department network with its alumni?	
	4.6.2	How does the department encourage the alumni to assist the students in preparing their professional future?	
	4.6.3	Describe the role of the alumni in curriculum development, the achievement of the learning outcomes and the future direction of the	

	STANDARDS	EVIDENCES
.1	Recruitment and Management	
	Information on Benchmarked Standards 5.1.1 State the policy and procedures for the recruitment of academic staff.	Polisi Perjawatan - BKPro
	5.1.2 State the terms and conditions of service.	Rujuk BKPro
	5.1.3 State the minimum qualification of the academic staff required for the delivery of this programme.	Sarjana Muda
	5.1.4 State other requirements which would be the basis for the decision in the appointment of an academic staff for this programme.	Rujuk BKPro
	5.1.5 Provide data to show that the staffing profile matches the range and balance of teaching skills, specialisations and qualifications required to deliver the programme.	
	Current Academic Staff Listing and Responsibilities	

Name and Appointment Nationality Module taught in designation of academic staff Name and Appointment Nationality Module taught in this programme Name of the programme Past Work Experience academic staff contract, etc.) interprogramme field of specialisation, Year of Award Posi-terprogramme Posi-terprogramme 1	5.1.6 Provide a summary information on every academic staff involved in conducting the programme: Table 4. Summary information on academic staff involved in the programme											
staff contract, etc.) contrattracter, etc.) contractratratracter, etc.)		Name and designation of	Appointment status (full- time, part-		Modules taught in this	Modules taught in other	Academic Quali	Academic Qualifications Past Work Experience				
3		staff					Field of Specialisation,	awarding institution and	tions		of Service (Start and	
3												
4												
5 Image: Construction 5 Image: Construction 5.1.7 Provide Curriculum Vitae of each academic staff teaching in this programme containing the following: i. Full Name ii. Academic Qualifications iii. Current Professional Membership iv. Current Teaching and Administrative Responsibilities v. Previous Employment vi. Conferences and Training vii. Research and Publications												
following: i. Full Name ii. Academic Qualifications iii. Current Professional Membership iv. Current Teaching and Administrative Responsibilities v. Previous Employment vi. Conferences and Training vii. Research and Publications												
ix. Community Service												

5.1.8 State the mechanisms and procedures for monitoring and appraising academic staff performance, for ensuring equitable distribution of duties and responsibilities among the academic staff, and for determining the distribution of rewards.	• SKT
5.1.9 Describe the processes and procedures in managing the discipline of the academic staff.	 Kad perakam waktu HRMES – Permohonan cuti Coach - coachee
 5.1.10 Describe the policies, criteria and processes in the appointment of, and promotion to, academic positions, such as associate professorship and professorship. Future Academic Staff Requirements 	 Kriteria kecemerlangan staf
 5.1.11 Provide the following information: Staff—student ratio for this programme Academic staff needs analysis (including Timetabling and Scheduling of Staff) Student number projections New academic staff acquisition plan 	 Waran perjawatan Enrolmen pelajar Jadual waktu perkuliahan Perancangan keperluan pensyarah
5.1.12 Describe how the HEP improves its recruitment of staff to meet its goals and show how this has contributed to the overall quality of the programme.	Rujuk BKPro
Information on Enhanced Standards 5.1.13 Describe how the HEP balances its recruitment between all levels of academic and non-academic staff and between local and international	,

	academic staff with multi-disciplinary backgrounds.	
	5.1.14 Describe the nature and extent of the national and international linkages to enhance teaching and learning of the programme	• Rujuk BKPro
5.2	Service and Development	
	 Information on Benchmarked Standards 5.2.1 Provide information on the departmental and institutional policy on service development and appraisal of the academic staff. 	э,
	5.2.2 Indicate the mechanisms that are in place for academic staff training i teaching and learning.	n
	5.2.3 Describe the mechanism used to identify the manpower needs of the programme and training of the staff.	e
	5.2.4 Do the expertise of the current academic staff match with what is needer to deliver the programme? Provide information of the compatibilit between the teacher and the module in a matrix form.	
	5.2.5 Provide information on the research focus areas of the academic staff an show how they relate to, or support, teaching-learning of the programme.	d
	5.2.6 State the mechanisms and procedures for professional development an career advancement of the academic staff (e.g., study leave, sabbatica	

	advanced training, specialised courses, re-tooling, etc.)	
5.2.7	Describe the policy on consultancy and private practice.	
5.2.8	Describe the mentoring system for new academic staff.	
5.2.9	Describe the engagement of the academic staff in community service activities. Evaluate the extent to which the activities are taken into consideration in appointment and promotion exercises.	
5.2.10	O Give evidence of national and international recognition of academic staff members (e.g., journal editorship, service as peer reviewers, consultancy, and expert group and committee membership).	
	 aation on Enhanced Standards 1 Describe how the academic staff are given the opportunity to participate in professional, academic and other relevant activities at national and international levels. How is this participation appraised and its results utilised for purposes of enhancing the student experience? 	
5.2.12	2 Provide information on the involvement of the academic staff in research activities.	
5.2.13	B Describe the provisions for allowing advanced enhancement for academic staff.	

REA 6: E	DUCATIONAL RES	OUR	CES						
			STANDARD	S					EVIDENCES
Phy	Physical Facilities								
6.1.	 <u>Information on Benchmarked Standards</u> 6.1.1 List all the physical facilities and indicate those specifically related to the programme. Table 5. List of physical facilities 								Sistem pengurusan asset Dokumen aset
			Current		Projection	n of A	dition		
	Facilities		Jurrent		Year 1		Year 2		
		No	Capacity	No	Capacity	No	Capacity		
1									
2									
3	Discussion Rooms								
4	Laboratories and Workshops								
	- IT Lab								
	- Science Lab								
	-Engineering workshop								
	-Processing workshop								
	Manufacturing workshop								
	Studio								
	Others								
5	Library and								
	Information Centres								

	Learning Support				
6.	Centres Learning Resources Support				
7.	Student Social Spaces				
8.	Other Facilities				
6.1.2	Describe the adequacy of the p as workshop, studio, laboratorie example, laboratory professiona Identify current unmet needs an several years.	es) as well as human re als, technicians).	esources (for	DokDok	an perjawatan umen kurikulum umen aset nohonan ABM
6.1.4	Provide information on the programmes which requires suc	•		DokSilib	umen Kurikulum us
6.1.5	Demonstrate arrangement pro specific requirements in practica			• Stru	ktur kurikulum
• 6.1.6	Library and Information Centre State the database system used		rmation centre.	• Libra	ary management system
6.1.7	State the number of staff in the qualifications.	library and information	n centre and their	• War	an perjawatan
6.1.8	Describe resource sharing and to extend the library's capabili these facilities by academic adequacy of the library to suppo	ties. Comment on the staff and students. C	extent of use of	• Libra	ary management system

Та		 List the reference mate e 6. Reference materials s 			-	•	Senarai buku perpustakaan Katalog buku
	Resource supporting programm books, on resources	s g the ne (e.g., line		of Journals	State other facilities such as CD ROM, Video and electronic reference		
	Number of Title	Number of Collection	Number of Title	Number of Collection	material		
6.				otain feedback I procedures.	from students and staff on	•	MS ISO - Maklumbalas pelanggar Kotak cadangan
•	.1.11 State	the policy on	the use of		ogy (ICT) artment. Describe the ICT and the programme.	•	Campus Network System
6.					ations that support the rtmental level.	•	Waran perjawatan Sistem pengurusan aset
	implei	mentation of the specific I	the ICT pol	cy at the depa			

	 <u>Information on Enhanced Standards</u> 6.1.15 Explain how the HEP periodically reviews the adequacy, currency and quality of its educational resources and the role of the department in these processes. 	•	Fungsi JHEP Politeknik
	6.1.16 Describe how students are provided with opportunities to learn the various and most current methods to access information.	•	Polytechnic Campus Network System
	6.1.17 How are these facilities user friendly to those with special needs?	•	Kemudahan bergantung kepada politeknik
6.2	Research and Development (Please note that the standards on Research and Development are largely directed to universities offering degree level programmes and above.)	-	
Inform	ation on Benchmarked Standards 6.2.1 Describe the facilities and the budget allocation available to support research.	•	
	6.2.2 Describe the major research programmes of the department and the academic staff involved in them.	•	
	6.2.3 Describe how the HEP encourages interaction between research and learning. Show the link between the HEP's policy on research and development and the teaching-learning activities in the department.		
	6.2.4 State any initiatives taken by the department to engage students in research.	•	
	Information on Enhanced Standards 6.2.5 Show the link between research, development and commercialisation.	•	
	6.2.6 Describe the processes where the department review its research resources and facilities and the steps taken to enhance its research capabilities.	•	

6.3	Educational Expertise		
	 Information on Benchmarked Standards 6.3.1 Describe the policy and practice on the use of appropriate educational expertise in the planning of educational programmes and in the development of new teaching and assessment methods. (Refer to the preamble to Area 6: Educational Resources on pages 23-24) 	•	
Infor	nation on Enhanced Standards 6.3.2 Describe the access to educational expertise, both internal and external, and its utilisation for staff development and research.	•	
6.4	Educational Exchanges		
	 Information on Benchmarked Standards 6.4.1 Describe the department's practice in collaborating and cooperating with other providers, nationally and internationally, in compliance with the HEP's policy. 	•	
	6.4.2 Indicate how these are disseminated to students and faculty.	•	
	Information on Enhanced Standards 6.4.3 Describe the future plans to strengthen national and international collaborative activities.	•	
	6.4.4 Describe the facilities and financial allocation to support these exchanges.	•	
6.5	Financial Allocation		
	 <u>Information on Benchmarked Standards</u> 6.5.1 Indicate the responsibilities and line of authority in terms of budgeting and resource allocation in the HEP. 	•	Anggaran Belanja Mengurus Tahunan

	Demonstrate how the financial allocation dedicated to the programme and its utilisation is sufficient for it to achieve its purpose.	•	Anggaran Belanja Mengurus Tahunan
6.5.3	ation on Enhanced Standards Describe how those responsible for the programme enjoy sufficient autonomy to allocate and utilise resources to achieve the programme objective.	•	Anggaran Belanja Mengurus Tahunan

AREA 7: PROGRAMME MONITORING AND REVIEW	A 7: PROGRAMME MONITORING AND REVIEW		
STANDARDS	EVIDENCES		
7.1 Mechanisms for Programme Monitoring and Review			
Information on Benchmarked Standards 7.1.1 Explain how the department evaluates this programme.	 External examiners KPI acivement for CLO, PLO and PAI 		
7.1.2 How are the student performance and progression analysed in relation to the objective of the programme?	 Analisa keputusan peperiksaan KPI achievement for CLO, PLO and PAI Laporan Kajian Tracer Laporan kajian Alumni 		
7.1.3 Describe the processes, procedures and mechanisms for monitoring and reviewing the curriculum.	 Prosedur semakan semula kurikulum Polisi semakan semula kurikulum 		
7.1.4 Describe the relationship between the process of curriculum monitoring and review and the achievement of programme learning outcomes.	•		
7.1.5 Describe how the HEP utilises the feedback from programme review in programme development.			
7.1.6 Describe the structure and its workings of the programme review committee.			
7.1.6 Describe the responsibilities of the parties involved in collaborative arrangements.			
Information on Enhanced Standards 7.1.8 How does the self-review process assist in identifying weaknesses and in improving the programme?			
7.1.9 Describe the mechanism utilised by the HEP to monitor the			

performance of its graduates. How does this impact the curriculum review process?	
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volvement of Stakeholders	
Information on Benchmarked Standards 7.2.1 Which stakeholders are consulted in programme monitoring	
and review? Describe the involvement of these stakeholders.	
7.2.2 Show how the views of these stakeholders are taken	
into consideration.	
Information on Enhanced Standards	
7.2.3 Explain how the department informs the stakeholders of the result of the programme assessment and how are their views	
on the report taken into consideration in future programme	
development.	
7.2.4 Show how feedbacks obtained from stakeholders are	
incorporated in a programme review exercise.	
7.2.5 How are professional bodies and associations engaged in	
programme monitoring and review?	

STANDARDS	EVIDENCES
1 Governance	
Information on Benchmarked Standards	
8.1.1 Show how the policies and practices of the department are consistent with the larger purpose of the HEP.	
8.1.2 Describe the governance structure and functions, and the main	
decision-making components of the department, as well as the	
relationships between them. How are these relationships made	
known to all parties involved? What effect do these relationships have on the programme?	
8.1.3 Indicate the type and frequency of meetings held during the	
past academic year.	
8.1.4 Show evidence that the department board is an effective	
policy-making body with adequate autonomy.	
8.1.5 Describe the extent of autonomy and responsibilities agreed	
upon by the HEP and its campuses or partner institutions to	
assure functional integration and educational quality.	
Information on Enhanced Standards	
8.1.6 Describe the committee system in the department and how it	
utilises consultation and feedback, and considers market needs	
analysis and employability projections in the programme	
development and review.	
8.1.7 Describe the representation and role of the academic staff,	
students and other stakeholders in the various governance	
structures and committees of the department.	

8.2 Academic Leadership of the Programme	
0.2 Academic Leadership of the riogramme	
Information on Benchmarked Standards 8.2.1 Explain the selection process and job description of the academic leader of the programme. State his name, qualification and experience.	
8.2.2 Describe the management structure of the academic programme by showing the responsibilities of each individual involved in the structure.	
8.2.3 State the procedures and criteria for selection, appointment and evaluation of academic leadership in the programme.	
8.2.4 Describe the relationship between the programme and the HEP leadership in matters such as recruitment and training, student admission, and allocation of resources and decision-making processes.	
Information on Enhanced Standards	
8.2.5 Describe how the performance of the programme leader is periodically evaluated.	
8.2.6 Show how the programme leader creates a conducive environment to generate innovation and creativity in the department.	
8.3 Administrative and Management Staff	
Information on Benchmarked Standards 8.3.1 Describe the structure of the administrative staff which supports the programme.	
8.3.2 Explain how the number of the administrative staff is determined in accordance to the needs of the programme and other	

	pers required and avai			
programme.	fication of non-acaden	nic stall for this		
Job	cademic staff for the p Numbers	Current	Minimum	
Category	required	numbers	qualification	
2				
3				
containing thei responsibilities 3.3.5 State the mech	r name, academic qua and other relevant inf nanisms and procedure	ormation. es for monitoring and		
containing thei responsibilities 8.3.5 State the mech appraising staf of duties and re	r name, academic qua and other relevant inf	alifications, current formation. es for monitoring and suring equitable distri the staff, and for		
containing thei responsibilities 8.3.5 State the mech appraising staf of duties and re determining the	r name, academic qua and other relevant inf nanisms and procedure f performance, for ens esponsibilities among e distribution of reward rocesses and procedu	alifications, current formation. es for monitoring and suring equitable distri the staff, and for ds.	bution	
containing thei responsibilities 3.3.5 State the mech appraising staf of duties and re determining the 3.3.6 Describe the p discipline of the	r name, academic qua and other relevant inf nanisms and procedure f performance, for ens esponsibilities among e distribution of reward rocesses and procedu	alifications, current formation. es for monitoring and suring equitable distri the staff, and for ds. ures in managing the	bution	

		STANDARDS	EVIDENCES		
9.1	Qualit	y Improvement			
Inforr	9.1.1	<u>Benchmarked Standards</u> Show how the department supports and complements the HEP's policies, procedures and mechanisms for regular reviewing and updating of its structures, functions, strategies and core activities to ensure continuous quality improvement. Identify those responsible for continual quality improvement within the department.	 Minit mesyuarat Kajian Semula Pengurusan Audit Kualiti ISO 		
	9.1.2	Describe the contribution and participation of stakeholders towards improvement of the programme.	 Borang maklumbalas CQI JK Penasihat Kurikulum JK Penggubal Kurikulum JK Penasihat Industri JPP JK Penasihat Industri Politeknik 		
	9.1.3	What are the policies, strategies, plans, procedures and mechanisms of the department to review and update its mission, structures and activities?	 Minit mesyuarat Kajian Semula Pengurusan Audit Kualiti ISO Polisi berkaitan 		
	9.1.4	Explain the frequency of reviews undertaken and the resulting improvements.	Polisi semakan semula kurikulum		
	9.1.5	Describe the recent and projected activities undertaken with the purpose to ensure that the department remains responsive to its changing environment.	 Bengkel perancangan aktiviti Jabatan Takwim aktiviti P&P Jabatan dan Politeknik Minit Mesyuarat post-mortem/laporan aktiviti 		
	Inform	ation on Enhanced Standards	Jadual/checklist tugas-tugas dan		
	9.1.6	Describe the role and the effectiveness of the person or unit responsible for internal quality assurance of the department. What is his/its status in the department?	tanggungjawab jawatankuasa jaminan kualiti		
	9.1.7	What steps are being taken by the department to build a culture of quality?	 Taklimat CQI Audit kualiti ISO Audit kualiti dalaman 		