

**PEMETAAN MATLAMAT PENDIDIKAN INSTITUSI VS. OBJEKTIF PENDIDIKAN PROGRAM (PEO)  
&  
MATLAMAT PENDIDIKAN INSTITUSI VS. HASIL PEMBELAJARAN PROGRAM (PLO)**

**PROGRAM: SARJANA TEKNOLOGI BANGUNAN**

**PTJ: PP PERUMAHAN, BANGUNAN DAN PERANCANGAN**

**a) Pemetaan PEO – IEG**

PEO	PEO statement	THINKER (T) IEG1	BALANCED (B) IEG2	ENTREPRENEURIAL (E) IEG3	ARTICULATE (A) IEG4	HOLISTIC (H) IEG5
PEO1	Pakar bidang yang berupaya mempamerkan pengetahuan dan kemahiran teknikal termaju serta kompeten dalam menyelesaikan isu dan permasalahan dalam bidang Teknologi Bangunan untuk pembangunan lestari.	/	/			
PEO2	Graduan yang memiliki kualiti kepimpinan yang baik, berkomunikasi secara efektif, dan mampu bekerjasama dengan pelbagai pihak bagi mencapai penyelesaian teknologi bangunan yang selari dengan keperluan dan nilai masyarakat.		/		/	/
PEO3	Graduan yang mempamerkan pemikiran global, kemahiran penyelidikan, berinovatif, beriltizam terhadap pembelajaran sepanjang hayat serta mengamalkan etika dan profesionalisme dalam kerjaya.			/	/	/

**b) Pemetaan PLO - IEG**

PLO	MQF 2.0 DOMAIN	PROGRAM LEARNING OUTCOMES, PLO	IEG ELEMENT	
PLO1	Knowledge and Understanding	Evaluate knowledge and practices in the field of Building Technology and Built Environment	IEG 1	THINKER
PLO2	Cognitive skills	Utilise critical and creative thinking skills as well as scientific thinking to resolve problems within the field of Building Technology and Built Environment	IEG 1	THINKER
PLO3	Practical skills	Perform practical, procedure and research related to Building Technology and Built Environment adhering to standard requirements and quality control.	IEG 1 IEG 2	THINKER BALANCED
PLO4	Interpersonal Skills	Demonstrate teamwork and collaboration skills with various groups, professions and communities for learning, research and practices.	IEG 4 IEG 5	ARTICULATE HOLISTIC
PLO5	Communication Skills	Communicate effectively in verbal and written forms to deliver information, findings and results within Building Technology as well as Built Environment context with clients, peers and the stakeholders.	IEG 4 IEG 2	ARTICULATE BALANCED
PLO6	Digital Skills	Demonstrate ICT skills using various digital applications and tools to obtain, process and support information for building technology aspects.	IEG 2	BALANCED
PLO7	Numeracy Skills	Demonstrate skills in interpreting numerical, visual and graphical data for presentation of information, findings and results for learning, research and practices.	IEG 1	THINKER
PLO8	Leadership, autonomy & responsibility	Demonstrate leadership quality and autonomy in planning, managing resources and solving problems in aspects related to building technology.	IEG 5	HOLISTIC
PLO9	Personal Skills	Demonstrate commitment to lifelong learning and professional development in the field of Building Technology.	IEG 5	HOLISTIC

PLO10	Entrepreneurial skills	Apply managerial and entrepreneurial skills in everyday activities and planning by considering the actual scenario and from different perspectives.	IEG 3	ENTREPRENEURIAL
PLO11	Ethics and Professionalism	Demonstrate high level of moral values, accountability, ethics and professionalism, as well as sustainable practices in learning, research and practices.	IEG 2	BALANCED