

Engineering Education adaption

		Student participation & agency	(Authentic) Industry engagement	(Authentic) Learning activities	(Authentic) Assessment types	
Citizen Control Delegation Partnership	}	Degrees of citizen control	Self-regulated	Industry-defined	Live community / industry projects (complex/wicked)	Real project outcomes;
			Students in control			Reflection on Personal & professional growth;
			Self-directed	Co-creating & co-delivery (programme level)	Student negotiated project	Self-evaluation against future competences
			Co-creating	Co-creating & co-delivery (module level)		Co-created assessment
Placation Consultation Informing	}	Degrees of tokenism	Some choice within prescribed areas	Industrial Advisory Board	"Mock" project	
				Letter of support	Placement	Case study evaluation
					Case study	Open-book exam
Therapy Manipulation	}	Non participation	Participation claimed	Recruiter	Didactic "This is what you need to know"	Theoretical closed-book exam
			No participation			

Adapted from Arnstein (1969) and Bovill & Bulley (2011) by C. J. M. Smith (2021)