## MXB161 Original Creation Live Script Assessment Criteria

	7	6	5	4	3	2	1
Synthesis	Project synthesises	Project uses	Project synthesises	Project synthesises	Project uses	Project uses	Project
	techniques from	techniques from	techniques from	techniques from	techniques from	techniques from	does not
	two distinct topics	two distinct topics,	two distinct topics,	two distinct topics,	two distinct	only one topic.	use
	correctly and	but are not	but one or both	but one technique	topics, but one		techniques
	cohesively, both of	synthesised	techniques were	was not essential	technique is		from any
	which are essential	cohesively.	not applied fully	to the solution.	used		topics
	to the solution.		correctly.		inappropriately.		covered in
							the unit.
Extension	Project significantly	Project significantly	Project presents	Project extends a	Project presents	Project extends	Project
	extends a	extends a	only a trivial	technique beyond	only a trivial	a technique	does not
	technique beyond	technique beyond	extension of a	what was covered	extension of a	beyond what	extend any
	what was covered	what was covered	technique beyond	in the worksheets	technique and	was covered in	technique
	in the worksheets	in the worksheets	what was covered	but in a way that	which is not	the worksheets	from what
	in a way that is	but the extension is	in the worksheets.	was not essential	essential to the	in a way that is	was
	correct and	not applied fully		to the solution.	solution.	incorrect or	covered in
	essential to the	correctly.				inappropriate.	the
	solution.						worksheets.
Novel	Project uses a	Project uses a	Project uses a	Project use an	Project uses a	Project	Project uses
Application	novel scientific or	novel scientific or	novel application	application	scientific or	describes a	no
	engineering	engineering	that is not	essentially already	engineering	scientific or	application.
	application that is	application that is	genuinely scientific	covered in	application that	engineering	
	well defined and	not clearly defined.	or engineering	worksheets.	is not	application that	
	appropriate for a		related.		appropriate for	is unrelated to	
	computational				a computational	the results	
	solution.				solution.	presented.	

	7	6	5	4	3	2	1
Clarity of code	Code is partitioned	Code is	Code is	Code is	Code is poorly	Code is largely	No code
	into relevant	partitioned into	partitioned into	partitioned into	structured and	unintelligible.	written.
	sections and/or	relevant sections	relevant sections	relevant sections	without helpful		
	functions, with	and/or functions,	and/or functions,	and/or functions,	comments.		
	clearly named	with some	but not well	but not well			
	variables, clear	departures from	structured or with	commented.			
	structure and	clearly named	poorly named				
	effective	variables, clear	variables.				
	commenting.	structure and					
		effective					
		commenting.					
Clarity of	MATLAB Live Script	Contains mostly	Contains	Contains brief	Contains very	No significant	No reporting at
reporting	contains clear and	clear explanations	explanations of	explanations of	little	attempt made	all.
	concise explanations	of most methods	some results and	some results or	explanation of	to report.	
	of the project, the	and results. Some	methods. There	methods. There	any results or		
	methodology and	minor language	are major	are many major	methods. Most		
	the results. No major	errors contribute	language errors.	language errors.	sentences are		
	spelling or	to a lack of			fragmented or		
	grammatical errors.	clarity.			unintelligible.		
Live Script	MATLAB Live Script	Executes without	Executes without	Executes without	Executes with a	Fails to execute	No Live Script.
experience	executes without	error, but takes	error, illustrates	error, but fails to	recoverable	correctly even	
	error, completes in	more than five	the relevant	complete in	error.	after recovery is	
	less than five	minutes to run.	aspects of the	under ten		attempted.	
	minutes, illustrates	Illustrates the	solution with	minutes, while			
	the relevant and	relevant and	minimal or	still illustrating			
	enlightening aspects	enlightening	inappropriate	the relevant			
	of the solution using	aspects of the	audio/visual	aspects of the			
	clear and	solution using	means.	solution.			
	appropriate	clear and					
	audio/visual means.	appropriate					
		audio/visual					
		means.					