8. Production	9. Applied	NEA		Exam	
planning	processing skills				
techniques	and techniques		· · · · · · · · · · · · · · · · · · ·		
8.1 The learner will	9.1 The learner will	Synoptic assessment requires learners to combine elements of their learning and show accumulated knowledge and		Review of theory	Review of theory
understand how to plan a	understand a range of processing skills			elements of the course, in	elements of the course, in
manufacturing task	and manufacturing	understanding across the qualification		preparation for	preparation for
safely and on time.	techniques -	content. It enables learners to evidence		their final exam	their final exam
	preparing,	their capability to integra			
	modifying, joining	knowledge, understandin			
	and finishing	gained with breadth and	depth in		
	techniques applied	context.			
	to materials for a				
	manufacturing task.				
	The learner will understand the				
	safe and correct				
	use of tools,				
	equipment and				
	machines.				
End of topic	End of topic	NEA	ľ	Moderation of	NCFE- Externa
assessment	assessment			coursework	Engineering Exam
				Revision for Exam	

required to apply knowledge and		apply theory and				
understanding through a mandatory		concept from				
assessment which will be sat at the end		knowledge based				
of Year 11. Students will also have a		learning outcomes				
mock in Year 10.		in context to show				
		knowledge and				
		understanding of				
		the subject at the				
		appropriate level.				
		The examination				
		will allow for				
		application of				
		knowledge and				
		understanding				
		from across the				
		units and combines				
		content to develop				
		holistic				
		connections.				
Commitment, effective communication and	Commitment, effective communication and interpersonal skills, observation skills, professionalism, problem-solving skills,					
	teamwork, reflective practitioner, marking, measuring., Independence, Retention, Application, Knowledge, Understanding,					
Evaluation		5,				
Tradesman: Electrician, Plumer, Joiner, Build	Tradesman: Electrician, Plumer, Joiner, Builder. Engineer: Materials, Civil, Automotive, Design, Chemical, Clincail, Games Designer,					
	Graphic Designer, Product Designer, Construction Manager CAD Technician, Secondary School Teacher, Data Analysis					
	detter manager of Directimician, becondary school reacher, Dat					

Recall and apply some knowledge	Recall and apply mostly relevant	Recall and apply highly relevant
and understanding, in a limited	knowledge and understanding in a	knowledge and understanding in a
manner, that has some relevance	mostly detailed manner of	highly comprehensive manner of
and limited detail of engineering	engineering disciplines, science and	engineering disciplines, science and
disciplines, science and mathematics	mathematics in engineering	mathematics in engineering
in engineering drawings, properties	drawings, properties and	drawings, properties and
and characteristics of engineering	characteristics of engineering	characteristics of engineering
materials, tools and machinery,	materials, tools and machinery,	materials, tools and machinery,
hand-drawn and CAD drawn	hand-drawn and CAD-drawn	hand-drawn and CAD-drawn
engineering drawings, product	engineering drawings, product	engineering drawings, product
planning techniques and applied	planning techniques and applied	planning techniques and applied
skills and techniques	skills and techniques	skills and techniques
Analyse and evaluate to make	Analyse and evaluate to make	Analyse and evaluate to make
adequate judgements, with some	mostly reasoned judgements and	reasoned judgements and reach
reasoning and reach straightforward	reach coherent conclusions on	well-supported conclusions on
conclusions on engineering	engineering disciplines, science and	engineering disciplines, science and
disciplines, science and mathematics	mathematics in engineering	mathematics in engineering
in engineering drawings, properties	drawings, properties and	drawings, properties and
and characteristics of engineering	characteristics of engineering	characteristics of engineering
materials, tools and machinery,	materials, tools and machinery,	materials, tools and machinery,
hand-drawn and CAD-drawn	hand-drawn and CAD-drawn	hand-drawn and CAD-drawn
engineering drawings, product	engineering drawings, product	engineering drawings, product
planning techniques and applied	planning techniques and applied	planning techniques and applied
skills and techniques	skills and techniques	skills and techniques
Safely and effectively demonstrate a	Safely and effectively demonstrate	Safely and effectively demonstrate
limited level of skills, techniques and	mostly relevant skills, techniques	highly relevant skills, techniques and
processes relevant to engineering	and processes relevant to	processes relevant to engineering
when using a wide range of tools	engineering when using a wide	when using a wide range of tools
and equipment to implement a	range of tools and equipment to	and equipment to implement a
production plan, applying skills and	implement a production plan,	production plan, applying skills and