



ENGINEERING COMPETENCE OUTLINE

Module Name	Topics	Learning Outcome	Complexity Level	Session Count	Duration per Session (Hours)	Total Duration (Hours)
ENGINEERING COMPETENCE	Codes of Conduct	<ul style="list-style-type: none"> Understand and adhere to professional and ethical codes of conduct in engineering practice. Demonstrate awareness of the consequences of unethical behavior in engineering projects. Apply ethical principles to decision-making processes in engineering projects. 	Basic	1	2	20
	Compliance with UK SPEC	<ul style="list-style-type: none"> Understand the requirements and criteria outlined in the UK Standard for Professional Engineering Competence (UK-SPEC). Demonstrate competence in meeting the UK-SPEC requirements for professional engineering practice. Prepare documentation and evidence to support 	Intermediate	1	2	

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		compliance with UK-SPEC standards.				
ENGINEERING COMPETENCE	Professional Recognition	<ul style="list-style-type: none"> Understand the process and significance of professional recognition in engineering. Prepare and submit documentation for professional recognition according to relevant professional bodies' requirements. Engage in continuous professional development to maintain and enhance professional recognition. 	Intermediate	2	1.5	
	Competence Examples	<ul style="list-style-type: none"> Identify and provide examples of competence in various engineering domains. Develop a portfolio showcasing competence in different engineering skills and tasks. Reflect on personal development and 	Advanced	2	2	

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		improvement areas based on competence examples.				
ENGINEERING COMPETENCE	Professional Review Interview	<ul style="list-style-type: none"> • Prepare effectively for a professional review interview. • Demonstrate competence and professionalism during the interview process. • Respond to questions and scenarios related to engineering practice and competency. 	Advanced	2	2	
	Assessment & Feedback	<ul style="list-style-type: none"> • Interpret feedback effectively to identify strengths and areas for improvement. 	Advanced	2	2.5	

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		<ul style="list-style-type: none"> Use feedback to enhance performance and skills in engineering projects. 				

