CORE COMPETENCIES
(56 HOURS)

Unit of Competency	Learning Outcomes	Learning Activities	Methodologies	Assessment Methods	Nominal Duration
1. Prepare masonry materials	1.1 Gather materials to be hauled	• Identify and explain the composition, uses and types of masonry materials • Select and use appropriate PPE to specific tasks • Enumerate and explain the basic methods and processes in masonry construction • Practicing 3R and 5S • Identify and describe safe work practices and first aid regulations • Perform safe work practices and respond to emergency situations • Measuring work productivity • Utilizing most productive practice	• Lecture • Practical / Demonstration	• Written examination • Demonstration with oral questioning	8 Hours

Unit of Competency	Learning Outcomes	Learning Activities	Methodology	Assessment Approach	Nominal Duration
	1.2 Haul/transport materials	• Identify hauling equipment for specific material • Enumerate and explain the basic methods and processes in hauling/transporting materials • Select and use appropriate PPE to specific tasks • Identify and describe safe work practices and first aid regulations • Practicing 3R and 5S • Perform safe work practices and respond to emergency situations. • Measuring work productivity • Utilizing most productive practice	• Lecture • Practical / Demonstration	• Written examination • Demonstration with oral questioning	

Unit of Competency	Learning Outcomes	Learning Activities	Methodologies	Assessment Methods	Nominal Duration
	1.3 Stockpile hauled materials	• Identify location of stockpiling for specific materials • Enumerate and explain the basic methods and processes in stockpiling • Select and use appropriate PPE to specific tasks • Identify and describe safe work practices and first aid regulations • Perform safe work practices and respond to emergency situations • Practicing 3R and 5S • Measuring work productivity • Utilizing most productive practice	• Lecture • Practical / Demonstration	• Written examination • Demonstration with oral questioning	
2. Prepare masonry tools and equipment	2.1 Select tools and equipment	• Identify and explain the uses of tools and equipment in basic masonry works • Identify and describe safety practices in operating tools and equipment • Select and use appropriate PPE to specific tasks • Practicing 3R and 5S	• Lecture • Practical / Demonstration	• Written examination • Demonstration with oral questioning	8 Hours
	2.2 Transfer tools and equipment	• Explain safe handling and transferring procedures of tools and equipment • Measuring work productivity • Utilizing most productive practice • Practicing 3R and 5S	• Lecture • Practical / Demonstration	• Written examination • Demonstration with oral questioning	

Unit of Competency	Learning Outcomes	Learning Activities	Methodologies	Assessment Methods	Nominal Duration
3. Perform basic masonry works	3.1 Perform excavation and back filling / compaction	• Select and use appropriate PPE to specific tasks • Explain excavation procedures based on existing conditions • Explain backfilling/compaction procedures based on existing conditions • Perform safe work practices and respond to emergency situations • Measuring work productivity • Utilizing most productive practice • Practicing 3R and 5S	• Lecture • Practical / Demonstration	• Written examination • Demonstration with oral questioning	40 Hours
	3.2 Perform basic rebar fabrication	• Identify re-bar sizes • Explain cutting, bending and tagging procedures • Measuring work productivity • Utilizing most productive practice • Practicing 3R and 5S	• Lecture • Practical / Demonstration	• Written examination • Demonstration with oral questioning	
	3.3 Erect and dismantle working platform	• Identify scaffolds parts/components • Explain scaffold erection and dismantle procedures • Measuring work productivity • Utilizing most productive practice • Practicing 3R and 5S	• Lecture • Practical / Demonstration	• Written examination • Demonstration with oral questioning	

Unit of Competency	Learning Outcomes	Learning Activities	Methodologies	Assessment Methods	Nominal Duration
	3.4 Fabricate and strip basic formworks	• Identify formworks parts/components • Explain fabrication, installation and stripping procedures • Measuring work productivity • Utilizing most productive practice • Practicing 3R and 5S	• Lecture • Practical / Demonstration	• Written examination • Demonstration with oral questioning	
	3.5 Mix mortar	• Determine quantity of mortar materials • Explain mixing procedures • Measuring work productivity • Utilizing most productive practice • Practicing 3R and 5S	• Lecture • Practical / Demonstration	• Written examination • Demonstration with oral questioning	
	3.6 Mix concrete	• Determine quantity of concrete materials • Explain mixing procedures • Measuring work productivity • Utilizing most productive practice • Practicing 3R and 5S	• Lecture • Practical / Demonstration	• Written examination • Demonstration with oral questioning	
	3.7 Perform concreting work	• Explain conveying, depositing, consolidation, finishing and curing procedures • Measuring work productivity • Utilizing most productive practice • Practicing 3R and 5S	• Lecture • Practical / Demonstration	• Written examination • Demonstration with oral questioning	

Unit of Competency	Learning Outcomes	Learning Activities	Methodologies	Assessment Methods	Nominal Duration
	3.8 Perform basic block laying	• Identify and explain methods of laying blocks • Enumerate block laying procedures • Measuring work productivity • Utilizing most productive practice • Practicing 3R and 5S	• Lecture • Practical / Demonstration	• Written examination • Demonstration with oral questioning	
	3.9 Perform housekeeping	• Explain 3R and 5S	• Lecture • Practical / Demonstration	• Written examination • Demonstration with oral questioning	