

BEM Micro-credential



BEM content (for all partners)	Title/name of the credential	Tiling		
	Function of the micro-credentials / purpose	The program is designed on the needs of industry-specific skills and is an upskilling program.		
	Possible target groups	Prerequisite for admission to the program: all interested parties with general education, age 18 years or above.		
	Branch/sector of application	Architecture and construction		
	Fields of application / work environment	Architecture and construction		
	Typical work/professional tasks	<ol style="list-style-type: none"> 1. Understanding and explaining various types of tiles, their properties, and the best practices for installation to ensure durability and aesthetic appeal. 2. Interpreting blueprints to accurately calculate the quantity of tiles and other materials required for the project. 3. Ensuring that the work area is safe and complies with occupational health and safety regulations to protect workers from hazards. 4. Preparing surfaces for tile installation by cleaning, leveling, and applying waterproofing measures to prevent moisture damage and ensure adhesion. 		
	Learning outcomes (personal and job related)	Knowledge	Skills	competences

Knowledge

1. **Tile materials and properties:**
 - o Understanding the characteristics and properties of surface covering tiles, including their durability, types, and applications.
2. **Installation principles:**
 - o Knowledge of the techniques and principles of tile installation for walls and floors.

		<p>3. Technical drawing literacy:</p> <ul style="list-style-type: none"> ○ Familiarity with architectural and construction drawings to determine the required quantity of materials. <p>4. Safety standards:</p> <ul style="list-style-type: none"> ○ Awareness of labor safety norms relevant to tile installation and construction sites. <p>Skills</p> <p>1. Material estimation:</p> <ul style="list-style-type: none"> ○ Ability to calculate the amount of materials required based on architectural and construction drawings. <p>2. Worksite preparation:</p> <ul style="list-style-type: none"> ○ Organizing a safe and efficient work environment in compliance with labor safety norms. <p>3. Surface preparation:</p> <ul style="list-style-type: none"> ○ Practical skills in preparing walls and floors for tile installation, including ensuring proper waterproofing. <p>Competencies</p> <p>1. Safe and efficient execution of tasks:</p> <ul style="list-style-type: none"> ○ Competence in organizing and completing tile installation tasks while ensuring safety compliance. <p>2. Problem-solving during installation:</p> <ul style="list-style-type: none"> ○ Ability to address challenges such as uneven surfaces or waterproofing issues during tile preparation and installation. <p>3. Technical adaptability:</p> <ul style="list-style-type: none"> ○ Capability to apply knowledge and skills to a variety of tile materials and installation conditions. <p>4. Project planning:</p> <ul style="list-style-type: none"> ○ Competence in interpreting drawings, planning materials, and organizing tasks to meet project specifications.
	Validation	<div>criteria</div> <div>procedures</div>

		Each 6 learning outcome have its own formative and determinative assessment during the study process.
	Recognised/accepted (documented by MoU)	Name of companies LLC “Gorgia”
	Provider(s)	LLC “Gorgia”
Additional information (if needed)	Entry level / prerequisites	Prerequisite for admission to the program: general education, age 18 years or above.
	Possible duration (recommendation)	Program duration in hours: 96 h. Program duration in weeks: 8 weeks
Specific content (national) (if needed)	Position in the chain of educational programmes	Level III – vocational education (NQF).
	Reference to NQF	
	Credits	