

BEM Micro-credential



Dniprorudne Professional Lyceum
State educational institution

BEM content (for all partners)	Title/name of the credential	Territory scout
	Function of the micro-credentials / purpose	Provide learners with skills to analyse the condition of the enterprise's territory, access roads, and exits, as well as to control the operation of electrical installations, substations, and lighting.
	Possible target groups	The micro-credential “Territory scout” within the framework of vocational education and training (VET) is aimed at students and professionals who wish to expand their knowledge and skills in the areas of spatial planning, management of electrical devices for area lighting, orienteering in terrain, and if necessary, driving vehicles. This program is suitable for students of vocational schools, retirees, and individuals with physical disabilities. Additionally, it is suitable for those already working in these fields who seek to enhance their qualifications or acquire additional competencies.
	Branch/sector of application	Mechanical engineering, nuclear energy, thermal power engineering, metallurgy, railway transport
	Fields of application / work environment	Enterprise territories
	Typical work/professional tasks	<input type="checkbox"/> Assessment of the physical characteristics of fences, access roads, and exits, as well as lighting facilities of enterprises to determine their suitability for various purposes. <input type="checkbox"/> Identification on the plan of territories of safe and hazardous areas for seamless enterprise operation; <input type="checkbox"/> Assessment of potentially hazardous territories and buildings <input type="checkbox"/> Ensuring compliance with projects.

	Learning outcomes (personal and job related)	Knowledge <ul style="list-style-type: none"> • Orientation in the terrain; • Reading topographic maps; • Location of infrastructure facilities. 	Skills <ul style="list-style-type: none"> <input type="checkbox"/> Use of fire extinguishing equipment; <input type="checkbox"/> Ability to operate vehicles; <input type="checkbox"/> Proficiency in using telecommunication tools; <input type="checkbox"/> Adherence to occupational safety rules 	ACTIVITIES Competences (autonomy/responsibility) <ul style="list-style-type: none"> <input type="checkbox"/> Ability to take job responsibilities seriously; <input type="checkbox"/> Collaboration with team members during work; <input type="checkbox"/> Knowledge of professional terminology; <input type="checkbox"/> Ability to act in non-standard situations; <input type="checkbox"/> Ability to work in a team; <input type="checkbox"/> Ability to make quick decisions independently; <input type="checkbox"/> Mobility.
	Validation	Criteria <ul style="list-style-type: none"> <input type="checkbox"/> Application of acquired knowledge; <input type="checkbox"/> Improvement of production conditions; <input type="checkbox"/> Evaluation of the final product; <input type="checkbox"/> Compliance with requirements of completed tasks; <input type="checkbox"/> Meeting customer expectations and requirements; <input type="checkbox"/> Mechanism for checking and testing completed work. 		Procedures <ul style="list-style-type: none"> <input type="checkbox"/> Formation of a qualification commission (QC) <input type="checkbox"/> The applicant completes practical and theoretical tasks <input type="checkbox"/> Decision of the QC (employers, educational institution staff) <input type="checkbox"/> Awarding with a certificate or digital badge.
	Recognised/accepted (documented by MoU)	Cooperation agreement with enterprises: Public Joint Stock Company Integrated Iron And Steel Works Zaporizhstal (PJSC Zaporizhstal); Private Joint Stock Company Zaporizkyi Iron-Ore Plant (PJSC Zaporizkyi Iron-Ore Plant); Zaporizhzhia Nuclear Power Plant; DTEK; Zaporizhzhia Thermal Power Plant.		
	Provider(s)	Private and state sectors		
Additional information (if needed)	Entry level / prerequisites			

	Possible duration (recommendation)	150 hours
Specific content (national)	Position in the chain of educational programmes	An independent unit with the possibility of integration when acquiring the profession “Security Guard”
	Reference to NQF	
	Credits	