BEM Micro-credential

BEM content (for all partners)	Title/name of the credential	Linux operating system (OS) software technician
	Function of the micro-credentials / purpose	Specialisation
	Possible target groups	Intended for all applicants with secondary education
	Branch/sector of application	An organization using Linux OS
	Fields of application / work environment	IT companies
	Typical work/professional tasks	• use Linux system components • work with a graphical interface • understand the file handling capabilities of Linux • manage Linux files • create, modify and delete files • manage processes • use different commands • use tools and services • understand the file system • perform basic text manipulation • write simple scripts • understand the fundamentals of creating archive files

	Learning outcomes (personal and job related)	Knowledge	Skills	competences
		• Computer architecture • Versioning of Oses • Linux operating system environment	***Language skills*** • Native • Two foreign languages to communicate, as well as to use professional literature ***Computer skills*** • Internet Explorer • Computer architecture ***Job skills*** • OS deployment • OS setup ***Personal skills*** • persistence and ability to pay attention • literacy • proper time management • flexibility • discipline • patience • ability to communicate • sense of responsibility	• Installation and configuration of Linux operating systems • write programs that will use system calls • manage access to files in terminal mode • to work in Linux operating system environments • to ensure user comfort • configure and deploy operating system parameters

		- purposefulness - learning innovations - seeking to improve professional skills - ability to work in a team - ability to tolerate stressful situations - willingness to changes - initiative	
	Validation	criteria	procedures
		1. compliance 2. flexibility and target focus 3. reliability	1. Formation of Examination Committee (EC) 2. Applicant makes a Performance of a Test Project based on given topic 3. Resolution of EC 4. Awarding a certificate or digital badge
	Recognised/accepted (documented by MoU)	Name of companies Arpineh Sargsyan Private Entrepreneur	
	Provider(s)	From private and state sectors	
Additional information (if needed)	Entry level / prerequisites	It is necessary that the individual has basic computer knowledge and skills. Duration: 108 hours	
	Possible duration (recommendation)		

Specific content (national) (if needed)	Position in the chain of educational programmes	IV-V level of NQF.
	Reference to NQF	
	Credits	