BEM Micro-credential

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| **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
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|  | Learning outcomes (personal and jobrelated) | 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
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|  |  |  | * purposefulness
* learning innovations
* seeking to improve professional skills
* ability to work in a team
* ability to tolerate stressful situations
* willingness to changes
* initiative
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| 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
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| Recognised/accepted (documented by MoU) | Name of companiesArpineh 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) |
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| **Specific content (national)****(if needed)** | Position in the chain of educational programmes | IV-V level of NQF. |
| Reference to NQF |
| Credits |