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 |