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PROPOSAL FOR UNIFIED MICRO- CREDENTIALS AND METHODOLOGICAL MANUAL

Outcome no. 3 of the project – SPECIFIC OBJECTIVE C1 –
Improving access to education at the university level using
micro-credentials of the NATIONAL RECOVERY PLAN
FOR THE HIGHER EDUCATION AREA FOR THE YEARS 2022–2024



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Project

The National Recovery Plan (NRP) of the Czech Republic is based on six priorities: digital transformation, physical infrastructure and green transition, education and the labour market, institutions and regulation and business support, research, development and innovation, and citizens' health and resilience. These priorities are implemented through 27 components. The funds for implementing the NRP will be provided to the Czech Republic from the European Union through the Recovery and Resilience Facility during the period 2021–2026.

The project – Specific Objective C1 – Improving Access to Education at the University Level using Micro-Credentials of the National Recovery Plan for the Higher Education Area for the Years 2022–2024 is part of the goals set out in Reform 3.2.1 *Transforming Higher Education Institutions with the Aim of Adapting to New Forms of Learning and in Response to the Changing Needs of the Labour Market* as a part of component 3.2 *Adaptation of Capacity and Focus of School Programmes* of the National Recovery Plan established under Regulation (EU) 2021/241 of the European Parliament and of the Council of 12 February 2021. The project brought together 26 public universities in order to jointly share experiences and systematically work on the creation of an analytical and methodological framework and the facilities of information systems for the implementation of the concept of micro-credentials in the environment of public universities in the Czech Republic and their connection to the wider European framework.

Project partners

The submitted materials were created with the support of the Ministry of Education, Youth and Sports and the National Recovery Plan as a part of the project Transformation of HEIs at CU (reg. č. NPO_UK_MSMT-16602/2022) and are intended for educational and methodological purposes.

Coordinating university for the project

Charles University



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- ▶ Charles University (CU)
- ▶ Palacký University Olomouc (UPOL)
- ▶ University of Pardubice (UPCE)
- ▶ Tomas Bata University in Zlín (UTB, UTB in Zlín)
- ▶ University of Veterinary Sciences Brno (VETUNI)
- ▶ Technical University of Ostrava (VSB)
- ▶ Prague University of Economics and Business (VŠE)
- ▶ University of Chemistry and Technology, Prague (VŠCHT)
- ▶ College of Polytechnics Jihlava (VŠPJ or VŠP Jihlava)
- ▶ Institute of Technology and Business in České Budějovice (VŠTE)
- ▶ Academy of Arts, Architecture and Design in Prague (UMPRUM)
- ▶ Brno University of Technology (VUT)
- ▶ University of West Bohemia (ZČU)

Project outcome no. 3: Proposal for Unified Micro-credentials and Methodological Manual

Coordinating university for outcome no. 3 of the project

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Sub-objective no. 3 of the project, outcome

Sub-objective no. 3 of the project in specific objective C1 of the National Recovery Plan for the higher education area for the years 2022–2024 with the aim of improving access to education at the university level using micro-credentials:

Proposal for unified micro-credentials fulfilling the requirements placed on micro-credentials at the European level (especially in the Council's recommendation focused on the area of micro-credentials¹), or the international level.

Outcomes: **Unified Micro-credential (document format: Word and PDF)**

Methodological manual for unified micro-credentials

¹ COUNCIL RECOMMENDATION of 16 June 2022 on a European approach to micro-credentials for lifelong learning and employability (2022/C 243/02)



Legislative framework for the outcome

As part of the working group's activities, we took into account the following regulations in particular:

Act no. 111/1998 Sb., on Higher Education and on changes and amendments to other acts, as amended.

Act no. 500/2004 Sb., Code of Administrative Procedure, as amended.



Glossary of terms

Quality of the programme leading to micro-credentials – The **specific** manner of assuring the quality of the lifelong learning programme leading to micro-credentials at a university must be in accordance with its rules for the system of assurance and internal evaluation of the quality of educational activity.

The quality of the lifelong learning programme leading to micro-credentials is assessed directly by a university's collective body (e.g. university's internal evaluation board, research board, rector's board, dean's board, etc.) or on the basis of statements from authorized assessors. The quality of the lifelong learning programme leading to micro-credentials is declared by this collective body of the university by assigning an approval identification code.

Micro-credentials – are electronic records – certification – of completing small-scale learning units expressed in ECTS credits and achieving clearly defined and comprehensive learning outcomes, i.e. a set of knowledge, skills, and attitudes that make up a person's competencies.

These learning units are included in the European Qualifications Framework (EQF), are subject to a system of standardized quality assurance processes, and are assessed according to transparent and clearly defined criteria. A learning unit can be, for example, an LLL programme, in the meaning of Section 60(1) of Act no. 111/1998 Sb., the Higher Education Act, or a set of them (several concurrent or related LLL programmes).

Lifelong learning programme/LLL programme – This is a type of education that complements, increases, renews, or expands the knowledge, skills, and qualifications of its participants. It is another form of education provided by universities as the highest link in the educational system in accordance with Section 1c of Act no. 111/1998 Sb.

In accordance with Section 60(1) of the Higher Education Act, *“as part of its educational activities, a higher education institution may provide, free of charge or for a fee, lifelong learning programmes geared to the performance of a profession or interest”*.



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1 Basic premises

The working group was primarily based on the Recommendation of the Council of the EU on the European approach to micro-credentials for lifelong learning and employability (draft of 10 December 2021, recommendation to member states on 16 June 2022; the “Recommendation”), specifically from Annex 1 to this Recommendation. Annex 1 includes a list of standard EU elements for the micro-credential description.

For the purposes of this material, the following definition is used:

A “**Micro-credential** or **micro-certificate** is an electronic record – certificate – of completing a small-scale learning unit expressed in ECTS credits and achieving clearly defined and comprehensive learning outcomes, i.e. a set of knowledge, skills, and attitudes that make up competencies.

These learning units are included in the European Qualifications Framework (EQF), are subject to a system of standardized quality assurance processes, and are assessed according to transparent and clearly defined criteria. A learning unit can typically be an LLL programme in the meaning of Section 60(1) of Act no. 111/1998 Sb., the Higher Education Act, or a set of them (several concurrent or related LLL programmes).”

The working group also took into account the fact that, in accordance with Section 60(2) of Act no. 111/1998 Sb., on higher education, a university will issue certificates to graduates of lifelong learning.

1.1 Elements of micro-credentials according to the Recommendation² and their division

Annex 1 – The Recommendation divides the elements into mandatory and optional as follows:

Mandatory elements	Totožnost účastníka vzdělávání	Identification of the learner
	Název mikrocertifikátu	Title of the micro-credential
	Země/region vystavujícího subjektu	Country/Region of the issuer
	Udělující subjekt	Awarding body
	Datum vydání	Date of issuing
	Výsledky učení	Learning outcomes
	Pomyslný objem práce potřebný k dosažení výsledků učení (pokud možno v rámci evropského systému přenosu a akumulace kreditů)	Notional workload needed to achieve the learning outcomes (in ECTS credits, wherever possible)
	Úroveň (a případně cyklus) vzdělávací zkušenosti vedoucí k získání mikrocertifikátu (evropský rámec kvalifikací, kvalifikační rámce Evropského prostoru vysokoškolského vzdělávání), je-li to vhodné	Level (and cycle, if applicable) of the learning experience leading to the micro-credential (EQF, QF-EHEA), if applicable

² [Council Recommendation on a European approach to micro-credentials for lifelong learning and employability \(draft dated 10 December 2021, recommendation to member states dated 16 June 2022 \(2023, 20 December\)](#)

	Typ hodnocení	Type of assessment
	Forma účasti na vzdělávací aktivitě	Form of participation in the learning activity
	Typ zajištění kvality používaný pro mikrocertifikát	Type of quality assurance used to underpin the micro-credential
Optional elements	Předpoklady potřebné k zápisu do vzdělávací aktivity	Prerequisites needed to enrol in the learning activity
	Dohled a ověření totožnosti během hodnocení (bez dohledu a bez ověření totožnosti, pod dohledem bez ověření totožnosti, pod dohledem online nebo na místě s ověřením totožnosti)	Supervision and identity verification during assessment (unsupervised with no identity verification, supervised with no identity verification, supervised online, or onsite with identity verification)
	Dosažená známka	Grade achieved
	Možnosti integrace/akumulace (samostatný, nezávislý certifikát/integrovaný, kumulativní ve vztahu k dalším mikrocertifikátům)	Integration/stackability options (standalone, independent micro-credential/integrated, stackable towards another credential)
	Další informace	Further information

Note: The translations of some items may not correspond to commonly used terms in the Czech university environment, but this is an official translation which we try to respect in the material.

1.2 Elements of a micro-credential defined by the working group as an outcome from a project and divided into the certificate and the certificate supplement


The working group primarily took into account the above Recommendation and further focused on identifying other elements that would be appropriate and useful to include on the certificate in order to provide clear and comprehensive information about the completed education.³

In addition to the elements from the Recommendation set out in [section 1.1](#), additional micro-credentials were identified that could ideally be included on the certificate:

- Reference to legal regulations,
- Certificate number,
- Language of instruction of the programme,
- System of qualifications.

The working group discussed the concept of certificates, especially in comparison with the already existing certificates issued as a part of lifelong learning at universities, but also in comparison with a university diploma and diploma supplement as documents of study, in the

³ As part of the working group's activities, a number of implementing decrees of the ministries were identified and which define the requirements of certificates issued in the event that the learning takes place in accordance with a law or decree. In many cases, such learning is provided by universities. The project coordinator has started communication with the ministries so that, in the future, the data shown on the certificates correspond as closely as possible to this methodological material.



meaning of Section 57 of Act no. 111/1998 Sb., on higher education and on changes and amendments to other acts (the Higher Education Act).

The conclusion of the working group was to divide the micro-credential certificate into the certificate and the “certificate supplement”.

Linking the certificate to the (unified) information system intended for verifying learning outcomes (the “unified system for verifying micro-credentials”) was also an essential part of the working group’s deliberations. Hence, each certificate will include a QR code (together with a simple link so that the verifying person does not need to use a QR code scanner), which will link directly to the unified system for verifying micro-credentials. More information on the unified system for verifying micro-credentials is provided in [section 1.5](#).

The following data will be provided on the certificate page:


- Country of the issuing entity,
- Awarding body,
- Identification of the learner,
- Reference to legal regulations,
- Title of the micro-credential (programme),
- Type of quality assurance,
- Notional workload needed to achieve learning outcomes expressed in ECTS,
- Level (or cycle, if applicable) of the of learning experience (according to the EQF), if it corresponds to the nature of the programme,
- Certificate number,
- Date.

The following data will be provided on the certificate supplement⁴:

- Identification of the learner and certificate number,
- Form of participation in the learning activity,
- Language of instruction of the programme,
- Type of assessment,
- Grade achieved,
- Quality assurance,
- Learning outcomes,
- System of qualifications, if used
- Further information,
- Elements for connecting to the unified system for verifying micro-credentials (QR code, link).

The character limits for specific items on the certificate are provided in [section 3.5](#). If an item contains numerous characters (e.g. the learning outcomes item), the text on the certificate will be adequately shortened and supplemented with a note that the complete text for this item is available in the unified micro-credential verification system by clicking on the link.

⁴ It is expected that universities will stop issuing in the future “supplement pages” in favour of providing all data in the unified system for verifying micro-credentials.



All of the above-mentioned information must be available to the university at the time the programme is announced and must correspond to the items provided in Annex 1 “Application for approval of the LLL programme” for the project outcome “Unification of the outcomes of the individual forms of short-term learning”.

The certificate must contain sufficient information for use in the case of further education at the university and for use in the case of employment. Thus, the items and their content must be understandable to both groups of addressees and to the general public.

1.3 Dual-language certificates and micro-credentials

Certificates will usually be issued in a dual Czech-English version. If the language of instruction is a language other than Czech or English, the university may issue a certificate in another language at its own discretion, but the certificate should always contain information in Czech (e.g. in the case of a programme taught in German, the certificate may be issued in Czech and German). Other frequent language variations of items are provided in [section 4](#).

The data submitted to the unified system for verifying micro-credentials will also be submitted in the Czech-English version, and the above rule for certificates applies to programmes taught in a different language. If the university is interested, it can also submit data in other languages beyond the established rules.

1.4 Digital versions of certificates and micro-credentials

Certificates are primarily issued in electronic form, in PDF format, and usually contain the university’s qualified electronic seal and the university’s qualified electronic time stamp.

If a legal regulation (e.g. Decree no. 77/2018 Sb., on determining the requirements and models of certain educational documents for accredited qualification courses, certified courses, and specialized education) stipulates that the certificate must contain a person’s signature (e.g. the signature of the expert guarantor of the programme), the certificate must contain a qualified electronic signature of this person and a qualified electronic time stamp.

1.5 Submitting information to the unified system for verifying micro-credentials and generating certificates

After completing the programme, a set of information about the graduate and the programme will be submitted by the university to the unified system for verifying micro-credentials. More information will be provided in the outcome “Information system intended for the verification of learning outcomes”.

The unified system for verifying micro-credentials will generate a digital version of the certificate for each micro-credential and assign to it its own electronic seal. To meet the requirements set out in [section 1.4](#), the issuing university may use this file and add its own electronic seal and any electronic signature, or it can regenerate a digital version of the certificate. The method of implementation is at the discretion of the university.

Digital versions of certificates contain two possible ways to link to the unified system for verifying micro-credentials:

- A QR code,

- A shortcut link (you cannot assume that universities or employers will be ready to use QR codes).

The system that generates certificates will also generate a QR code from the verification link. If the generating system is a system other than the unified system for verifying micro-credentials, that system acquires the verification link from the response of the unified system for verifying micro-credentials after submitting the data on completion or subsequently requests the verification link from the unified system for verifying micro-credentials.

In addition to the items defined in [section 1.2](#), the following items will or could be provided in the unified system for verifying micro-credentials:

- Further information – more detailed information about the parts that make up the programme (mandatory if the programme consists of several parts, e.g. courses; more information about content is provided in [section 2.2.9](#)),
- Prerequisites for enrolling in the programme (optional),
- Supervision and identity verification during assessment (optional).

1.6 Specific details for issuing certificates by multiple faculties or multiple universities

If the programme is implemented by several faculties of one university or several universities, these entities must decide, in the contract on the joint implementation of the programme or a similar arrangement, which university or faculty submits information about the learner to the unified system for verifying micro-credentials, assigns a certificate number, etc.

2 Description of micro-credential items in the order of placement on certificates

2.1 Items on the certificate page


2.1.1 Country/region of the issuing entity

For programmes implemented by a university in the Czech Republic, the official names *Česká republika* and *Czech Republic* are provided. For programmes implemented in cooperation with a university abroad, it depends on the agreement between the universities.

2.1.2 Awarding body

As a rule, the university and university unit that implemented the programme are listed as the awarding entity. If the university is not divided into faculties, only the name of the university is provided. It is also possible to add the name of the department to the university and faculty information.

If two or more faculties (or units) of the same university participated in implementation of the programme, they are listed one after the other, with the university (and its faculty or unit, if



applicable) that submits information about the learner to the unified system for verifying micro-credentials always listed first.

If two or three universities participated in implementation of the programme, they are listed one after the other in the following format:

University name

Faculty name

If more than three universities participated in implementation of the programme, they are listed one after the other in the format “university name, faculty name”.

A cooperating entity can also be an entity from the private sector, which is listed on the certificate in a similar place as a cooperating unit of the university. Such a cooperating entity may be, for example, an industry representative.

2.1.3 Identification of the learner

The learner is identified using the following data:

- First name and surname of the learner,
- Date of birth,
- Place of birth only if required by law (typically a decree, e.g. Decree no. 77/2018 Sb., on determining the requirements and models of certain educational documents for accredited qualification courses, certified courses, and specialized education).

The working group also discussed including additional data:

- Place of birth for all programme types – in connection with the principle of minimizing processed personal data, many universities have stopped including this information about students on university diplomas and diploma supplements. Hence, the same principle should be used for LLL participants. In addition, the place of birth is not even reliable auxiliary data for personal identification. The place of birth will thus only be indicated in cases where this obligation is stipulated in a legal regulation (not methodological instructions).
- Participant number – This was meant to be a uniform identifier for a specific person. However, the problem with this form of data would be the redundant sharing of participants’ personal data across universities in the Czech Republic with the absence of any title for processing these personal data. For this reason, this proposal was abandoned.
- Previous academic degrees – although in some fields it is a tradition to indicate a previous academic degree on the certificate, it should be considered that the participant may obtain additional academic degrees in the future; thus, listing different degrees on different certificates can create a confusing impression; in addition, it would put greater demands on the university with respect to verifying previous education.

2.1.4 Reference to legal regulations

The item contains a reference to Section 60 of Act no. 111/1998 Sb., on higher education institutions since it involves a lifelong learning programme.

If it is a programme that meets the requirements under a law or decree, this information is provided in the “Further information” section.

2.1.5 Title of micro-credential (programme)

The title is based on the name of the programme leading to a micro-credential as implemented at the university and faculty, so it is part of the Application for approval of the LLL programme. Each programme title must be provided in Czech and English, or in another language at the discretion of the university.

2.1.6 Type of quality assurance

This item is intentionally included on the certificate page and the certificate supplement (under “Quality assurance”).

The item on the certificate page is linked to the Europass code “Accreditation type”⁵. The university chooses from the following options:

Typ zajištění kvality (Typ akreditace)	Type of quality assurance used to underpin the micro-credential (Type of quality assurance)
Institucionální licence	Institutional Licence
Programový mechanismus zajišťování kvality	Program Quality Assurance
Institucionální mechanismus zajišťování kvality	Institutional Quality Assurance
Programová licence	Program Licence

Due to the limited number of characters, the following abbreviations will appear on the certificate:

Typ zajištění kvality (Typ akreditace)	Type of quality assurance used to underpin the micro-credential (Type of quality assurance)
Institucionální licence	Institutional Licence
Programový mechanismus	Program QA
Institucionální mechanismus	Institutional QA
Programová licence	Program Licence

⁵ [Europass code “Accreditation type”](#) (2023, 20 December)



One of these options is indicated on the certificate.

Details are then included on the certificate supplement – e.g. authorization number for implementing the programme, etc.

As a part of the project, the following definition of the body assuring the quality of the programme leading to a micro-credential was adopted:

“The specific manner of assuring the quality of the lifelong learning programme leading to micro-credentials at a university must be in accordance with its rules for the system of assurance and internal evaluation of the quality of educational activity.

The quality of the lifelong learning programme leading to micro-credentials is assessed directly by a university’s collective body (e.g. university’s internal evaluation board, research board, rector’s board, dean’s board, etc.) or on the basis of statements from authorized assessors. The quality of the lifelong learning programme leading to micro-credentials is declared by this collective body of the university by assigning an approval identification code.”

2.1.7 Notional workload needed to achieve learning outcomes expressed in ECTS

This information is part of the Application for approval of the LLL programme. The notional workload needed to achieve learning outcomes is expressed in ECTS.

2.1.8 Level (or cycle, if applicable) of learning experience leading to a micro-credential (European Qualifications Framework, Qualifications Framework of the European Higher Education Area)

The data is part of the Application for approval of the LLL programme leading to a micro-credential at the university. More information can be found in Annex 3 “EQF and descriptors describing the level of EQF qualifications” of the outcome “Unification of the outcomes of the individual forms of short-term education”.


In simple terms:

- Level 6 corresponds to a bachelor’s degree (1st cycle of higher education),
- Level 7 corresponds to a master’s degree (2nd cycle of higher education),
- Level 8 corresponds to a PhD degree (3rd cycle of higher education).

2.1.9 Certificate number

A uniform numbering system is being introduced for all universities in the following format:

- Abbreviation of issuing country (CZ),
- Departmental identifier of the programme implementer:
 - University, if the programme is implemented at the university level,
 - Faculty, if the programme is implemented at the faculty level,
- Year of successfully completing the programme,
- Number.



For example: CZ-11000-2023-123456 (20 characters with potential for further expansion if needed).

The parts of the number are divided by a hyphen.

If the programme leading to a micro-credential is implemented by several faculties of one university or several universities, only one certificate number is indicated according to the agreement of the cooperating entities.

The certificate number is generated by each issuing university. The micro-credential number is then part of the information that is submitted by the issuing university to the unified system for verifying micro-credentials.

2.1.10 Issue date

The date of completion of all programme requirements is indicated as the issue date of the certificate. It depends on the practice of the university whether it indicates the date of completion of all programme requirements for programme graduates or the date this result was entered in the university's information system.

With the anticipated automated electronic issuance of certificates by universities, certificates can be issued as soon as possible after completion. There is no expected period of several months between completion of a programme and issuance of the certificate, as is the case between completion of a study programme and receiving a university diploma at a graduation ceremony.

2.2 Items on the certificate supplement

2.2.1 Identification of the learner and certificate number

The purpose of restating the items is to ensure the two parts of the certificate are inseparable.

2.2.2 Form of participation in the learning activity

The data is part of the Application for approval of the LLL programme.

The item is linked to the Europass code "Mode of learning and assessment"⁶. The university chooses from the following options:

Forma účasti na vzdělávací aktivitě (Způsob učení a hodnocení)	Form of participation in the learning activity (Mode of learning and assessment)
Učení se prací	Work based
V rámci realizace projektu	Project based
Prezenční	Presential
Online	Online

⁶ [Europass code "Mode of learning and assessment"](#) (2023, 20 December)

Smíšené	Blended
V rámci (laboratorního) výzkumu	Research-Lab based

A combination of these option may be provided on the certificate.

2.2.3 Language of instruction of the programme

The data is part of the Application for approval of the LLL programme. Several languages may be indicated on the certificate.

2.2.4 Type of assessment

The data is part of the Application for approval of the LLL programme.

The item is linked to the Europass code “Assessment type”⁷. The university chooses from the following options:

Typ hodnocení	Type of assessment (Assessment type)
Vzájemné hodnocení	Peer assessment
Hodnocený úkol	Marked assignment
Průběžné hodnocení	Continuous evaluation
Portfolio	Portfolio
Výkon ve skupině	Group performance
Praktické hodnocení	Practical assessment
Písemná zkouška	Written examination
Míra účasti	Level of attendance
Projekt	Project work
Vzájemné hodnocení	Peer review
Kvíz	Quiz
Učení založené na řešení problémů	Problem based learning
Prezentace	Presentation
Ústní zkouška	Oral examination
Posouzení výrobku	Artefact assessment

A combination of these option may be provided on the certificate.

⁷ [Europass code “Assessment type”](#) (2023, 20 December)



2.2.5 Grades achieved

The assessment corresponding to the grading scale of the university or faculty is typically based on the Code of Study and Examination or the Rules for Lifelong Learning or a similar regulation, provided it contains a grading scale.

In the case of programmes made up of smaller units (courses) that end with a partial assessment (partial grades), how the final (summary) assessment is determined (which is indicated in this item) must be provided. All grades are then listed in the “Further information” section.

With respect to the principle of recognition of micro-credentials for studies, it is advisable to have the programmes end with a grade, not just a “pass” assessment. This assessment could be used in programmes where this assessment makes sense, though we recommend using this assessment as little as possible.

The university also submits information about its grading scale to the unified system for verifying micro-credentials by converting the grading scale into percentages (which grade corresponds to the student’s percentage of success)⁸.

Information on the grading scale is provided with the aim of simplifying the recognition of micro-credentials for studies.

An example of a university grading scale:


Grade	Percentage value
1	100–84
2	83–67
3	66–51
4	50–0

Grade	Percentage value
A	100–91
B	90–81
C	80–71
D	70–61
E	60–51
F	50–0

2.2.6 Quality assurance

This item is intentionally included on the certificate page and the certificate supplement. Details are provided on the certificate supplement – e.g. the authorization number for implementing

⁸ For example, a learner has 80% from a test and so receives a grade of 2.



the programme by the body that authorized implementation of the programme, information about the external accreditor, etc.

Example for filling in the data:

- The LLL programme is implemented as a part of the study programme xxx, ref. no. xxx,
- Approved by the Internal Evaluation Board on xx.xx.xxxx, ref. no. xxx,
- Accreditation of the Ministry of x, ref. no. xxxx.

The university can also mention several bodies that assessed the quality of the programme (e.g. approval of the internal evaluation board and also ministry accreditation).

2.2.7 Learning outcomes

The data is part of the Application for approval of the LLL programme.

More information on how to write learning outcomes can be found in Annex 2 “How to write learning outcomes for educational programmes and courses” of the outcome “Unification of the outcomes of the individual forms of short-term education”.

2.2.8 System of qualifications

The data should be part of the Application for approval of the LLL programme. The item is included only if a qualification is obtained by completing the programme.

If the programme leads to a qualification specified in the National System of Qualifications (<https://www.narodnikvalifikace.cz/>), the certificate contains the code of the acquired qualification and, in the case of the title of the qualification, up to 53 characters, the title of the qualification as well.

2.2.9 Further information

The university provides additional information at its discretion, e.g. information on requalification or, depending on ministerial decrees, the name of the programme guarantor.

If it is a programme that meets the requirements under a law or decree, this regulation is also included here, or other required information set out in the regulation.

If a programme leading to a micro-credential consists of several courses or parts, the university provides the names of the courses and the specific number of credits for these courses. This information will only be provided in the unified system for verifying micro-credentials as follows: Name of the course – Abbreviation of the university – number of ECTS – Type of assessment⁹ – Grade.

⁹ The same as with listing an item separately, it is also possible to provide a combination of options from the code list.

2.3 Items provided only in the unified system for verifying micro-credentials

2.3.1 Further information

If a programme leading to a micro-certificate consists of several parts (typically courses), information on these parts must be provided, specifically according to the in the list in [section 2.2.9](#).

2.3.2 Prerequisites for enrolling in a programme

It is up to the university whether this item is included in the unified system for verifying micro-credentials. The data is part of the Application for approval of the LLL programme.

Prerequisites for enrolling in a programme may be the following:

- minimum
 - previous education,
 - previous competencies,
- maximum – for example, university students would not be able to enrol in programmes designed for gifted secondary school students.

2.3.3 Supervision and identity verification during assessment

It is up to the university whether this item is included in the unified system for verifying micro-credentials. The data may be part of the Application for approval of the LLL programme. This is a description of the options the university may use to verify the identity of a learner during assessment and the manner in which performance is checked.

The item is linked to the Europass code “Method supervision and verification”. The university chooses one of the following options:

Dohled a ověření totožnosti během hodnocení (Metoda dohledu a ověřování)	Supervision and identity verification during assessment (Method of supervision and verification)
Kontrola bez ověření totožnosti	Supervised without ID Verification
Dozor s ověřením totožnosti	Supervised with ID Verification
Bez kontroly bez ověření totožnosti	Unsupervised without ID Verification
Bez dozoru s ověřením totožnosti	Unsupervised with ID Verification

3 Description of certificates

3.1 Graphical design

The draft certificate specifies the following:

- Font type Inter Regular 400 (freely available in the Google Fonts menu),
- Font size, or its relation to other text on the certificate,
- Items included on the certificate and their layout on the certificate,
- Placement and order of the university logos,
- Placement and order of logos for project publicity (more below).

The university can adapt the colour of items to match its visual style:

- On the certificate page:
 - First name and surname,
 - Title of micro-credential,
 - Certificate number,
 - Date.
- On the certificate supplement:
 - First name and surname,
 - Certificate number,
 - The framing.

3.2 University logos

University logos are placed on the certificate page as follows:

- If the programme is implemented by one university, the logo is centred at the bottom of the page,
- If the programme is implemented by two or more universities, the logos are placed next to each other at the bottom of the page with the university that issues the certificate positioned on the left.

Due to increasing internationalization, the English versions of university logos are used.

3.3 Project publicity

The project's publicity logos are positioned at the bottom of the certificate supplement below the bounding box for the items. The logos are available at the following links:

- Link to the NextGeneration logo:
https://ec.europa.eu/regional_policy/en/information/logos_downloadcenter/
- Link to the NRP logo:
<https://www.planobnovyvr.cz/dokumenty>
- Link to the logo for the Ministry of Education, Youth and Sports:
<https://www.msmt.cz/ministerstvo/novinar/logo-msmt>

Project publicity logos must be displayed until the end of the project's sustainability, which is five years after completion of the project (i.e. according to the current application, until 30 June 2029).

3.4 Character limits for specific items

One goal of the Manual is also to determine character limits for specific items on the certificate. The specified number of characters applies to the Czech and English parts of the text separately (the character count is not combined).

Strana Osvědčení	Certificate	Character limit for items
Země vystavujícího subjektu	Country/Region of the issuer	55
Udělující subjekt	Awarding body	300
Totožnost účastníka vzdělávání	Identification of the learner	70
Název mikrocertifikátu	Title of the micro-credential	110
Typ zajištění kvality	Type of quality assurance	30
Pomyslný objem práce potřebný k dosažení výsledků učení	Notional workload needed to achieve the learning outcomes	8
Úroveň (případně cyklus) vzdělávací zkušenosti	Level (and cycle, if applicable) of the learning experience	6
Číslo osvědčení	Certificate number	20
Datum vydání	Date of issuing	12
Strana „dodatku“	“Certificate supplement”	
Forma účasti na vzdělávací aktivitě	Form of participation in the learning activity	20
Jazyk výuky programu	Language of instruction	30
Typ hodnocení	Type of assessment	40
Dosažené hodnocení	Grade achieved	15
Zajištění kvality	Quality assurance	90
Výsledky učení	Learning outcomes	1000
Soustava kvalifikací	National register of qualification	70
Další informace	Further information	240

If an item on the certificate page contains numerous characters, we recommend making the font smaller so that the entire text is displayed properly.

If an item on the certificate supplement contains numerous characters (e.g. the learning outcomes item), the complete text for this item will be provided in the unified system for verifying micro-credentials. In the Learning Outcomes section, the university adds a note that the complete text for this item is available in the unified micro-credential verification system by clicking on the link.

3.5 Versions of certificates

The following versions were created as part of the outcome:

- 1 university (without faculties) – Annex A,
- 1 university, 1 faculty or unit – Annex B,
- 1 university, 1 faculty and 1 department – Annex C,
- 1 university, 2 faculties or units – Annex D,
- 2 universities, with 1 faculty each – Annex E,
- 3 universities, with 1 faculty each – Annex F.

4 Translations of certificate items in the most frequently used languages

Below are the translations of the certificate items and the Europass codes used in the most frequently used European languages. If two item names are listed in the table title, the official translation of the item according to the Recommendation is listed first followed by the name of the Europass code in parentheses.

Note: Although the translations of some items may not correspond to the commonly used terms in the Czech university environment, these are official translations.

4.1 Czech-English

Strana Osvědčení	Certificate
Země vystavujícího subjektu	Country/Region of the issuer
Udělující subjekt	Awarding body
Totožnost účastníka vzdělávání	Identification of the learner
Název mikrocertifikátu	Title of the micro-credential
Typ zajištění kvality	Type of quality assurance
Pomyslný objem práce potřebný k dosažení výsledků učení	Notional workload needed to achieve the learning outcomes
Úroveň (případně cyklus) vzdělávací zkušenosti	Level (and cycle, if applicable) of the learning experience
Číslo osvědčení	Certificate number
Datum vydání	Date of issuing
Dodatková strana	“Certificate supplement”
Forma účasti na vzdělávací aktivitě	Form of participation in the learning activity
Jazyk výuky programu	Language of instruction
Typ hodnocení	Type of assessment
Dosažené hodnocení	Grade achieved
Zajištění kvality	Quality assurance

Výsledky učení	Learning outcomes
Soustava kvalifikací	National register of Qualification
Další informace	Further information

Typ zajištění kvality (Typ akreditace)	Type of quality assurance used to underpin the micro-credential (Accreditation type)
Institucionální licence	Institutional Licence
Programový mechanismus zajišťování kvality	Program Quality Assurance
Institucionální mechanismus zajišťování kvality	Institutional Quality Assurance
Programová licence	Program Licence

Forma účasti na vzdělávací aktivitě (Způsob učení a hodnocení)	Form of participation in the learning activity (Mode of learning and assessment)
Učení se prací	Work based
V rámci realizace projektu	Project based
Prezenční	Presential
Online	Online
Smíšené	Blended
V rámci (laboratorního) výzkumu	Research-Lab based

Typ hodnocení	Type of assessment (Assessment type)
Vzájemné hodnocení	Peer assessment
Hodnocený úkol	Marked assignment
Průběžné hodnocení	Continuous evaluation
Portfolio	Portfolio
Výkon ve skupině	Group performance
Praktické hodnocení	Practical assessment
Písemná zkouška	Written examination
Míra účasti	Level of attendance
Projekt	Project work
Vzájemné hodnocení	Peer review
Kvíz	Quiz
Učení založené na řešení problémů	Problem based learning

Prezentace	Presentation
Ústní zkouška	Oral examination
Posouzení výrobku	Artefact assessment

Dohled a ověření totožnosti během hodnocení (Metoda dohledu a ověřování)	Supervision and identity verification during assessment (Method of supervision and verification)
Kontrola bez ověření totožnosti	Supervised without ID Verification
Dozor s ověřením totožnosti	Supervised with ID Verification
Bez kontroly bez ověření totožnosti	Unsupervised without ID Verification
Bez dozoru s ověřením totožnosti	Unsupervised with ID Verification

4.2 Czech-French

Strana Osvědčení	Certificat
Země vystavujícího subjektu	Pays/région de l'organisme de délivrance
Udělující subjekt	Organisme de délivrance
Totožnost účastníka vzdělávání	Identification de l'apprenant
Název mikrocertifikátu	Intitulé de la microcertification
Typ zajištění kvality	Type d'assurance qualité
Pomyslný objem práce potřebný k dosažení výsledků učení	Charge de travail théorique nécessaire pour obtenir les acquis d'apprentissage
Úroveň (případně cyklus) vzdělávací zkušenosti	Niveau (et cycle, le cas échéant) de l'expérience d'apprentissage donnant lieu à la microcertification
Číslo osvědčení	Numéro de certificat
Datum vydání	Date de délivrance
Dodatková strana	„Certificate supplement“
Forma účasti na vzdělávací aktivitě	Forme de participation à l'activité d'apprentissage
Jazyk výuky programu	Langue d'enseignement
Typ hodnocení	Type d'évaluation
Zajištění kvality	Assurance qualité
Výsledky učení	Acquis d'apprentissage
Soustava kvalifikací	Système de qualifications
Další informace	Informations complémentaires



Typ zajištění kvality (Typ akreditace)	Type d'assurance qualité (Type d'accréditation)
Institucionální licence	Licence institutionnelle
Programový mechanismus zajišťování kvality	Assurance de la qualité d'un programme
Institucionální mechanismus zajišťování kvality	Assurance de la qualité institutionnelle
Programová licence	Licence d'un programme

Forma účasti na vzdělávací aktivitě (Způsob učení a hodnocení)	Forme de participation à l'activité d'apprentissage (Mode d'apprentissage et d'évaluation)
Učení se prací	Fondé sur des travaux
V rámci realizace projektu	Fondé sur un projet
Prezenční	Présentiel
Online	En ligne
Smišené	Mixte
V rámci (laboratorního) výzkumu	Fondé sur des recherches en laboratoire

Typ hodnocení	Type d'évaluation
Vzájemné hodnocení	Évaluation par les pairs
Hodnocený úkol	Travail noté
Průběžné hodnocení	Évaluation continue
Portfolio	Portfolio
Výkon ve skupině	Présentation en groupe
Praktické hodnocení	Évaluation pratique
Písemná zkouška	Examen écrit
Míra účasti	Taux de fréquentation
Projekt	Travail consacré à un projet
Vzájemné hodnocení	Examen par les pairs
Kvíz	Quiz
Učení založené na řešení problémů	Apprentissage fondé sur des problèmes
Prezentace	Présentation
Ústní zkouška	Examen oral
Posouzení výrobku	Évaluation d'un objet

Dohled a ověření totožnosti během hodnocení (Metoda dohledu a ověřování)	Supervision et vérification de l'identité au cours de l'évaluation (Méthode de supervision et de vérification)
Kontrola bez ověření totožnosti	Supervision sans vérification de l'identité
Dozor s ověřením totožnosti	Supervision avec vérification de l'identité
Bez kontroly bez ověření totožnosti	Sans supervision ni vérification de l'identité
Bez dozoru s ověřením totožnosti	Sans supervision avec vérification de l'identité

4.3 Czech-Italian

Strana Osvědčení	Certificato
Země vystavujícího subjektu	Paese/Regione dell'organismo di rilascio
Udělující subjekt	Organismo che attribuisce la microcredenziale
Totožnost účastníka vzdělávání	Identificazione del discente
Název mikrocertifikátu	Titolo della microcredenziale
Typ zajištění kvality	Tipo di garanzia della qualità
Pomyslný objem práce potřebný k dosažení výsledků učení	Carico di lavoro teorico necessario per raggiungere i risultati dell'apprendimento
Úroveň (případně cyklus) vzdělávací zkušenosti	Livello (e ciclo, se applicabile) dell'esperienza di apprendimento
Číslo osvědčení	Numero di certificato
Datum vydání	Data di rilascio
Dodatková strana	„Certificate supplement“
Forma účasti na vzdělávací aktivitě	Forma di partecipazione all'attività di apprendimento
Jazyk výuky programu	Lingua di insegnamento
Typ hodnocení	Tipo di valutazione
Dosažené hodnocení	Punteggio ottenuto
Typ zajištění kvality	Tipo di garanzia della qualità
Výsledky učení	Risultati dell'apprendimento
Soustava kvalifikací	Sistema di qualifiche
Další informace	Ulteriori informazioni

Typ zajištění kvality (Typ akreditace)	Tipo di garanzia della qualità utilizzata a sostegno della microcredenziale (Tipo di accreditamento)
Institucionální licence	Autorizzazione istituzionale
Programový mechanismus zajišťování kvality	Garanzia di qualità del programma
Institucionální mechanismus zajišťování kvality	Garanzia di qualità istituzionale
Programová licence	Autorizzazione del programma

Forma účasti na vzdělávací aktivitě (Způsob učení a hodnocení)	Forma di partecipazione all'attività di apprendimento (Modalità di apprendimento e valutazione)
Učení se prací	Basato sul lavoro
V rámci realizace projektu	Basato sul progetto
Prezenční	Presenziale
Online	Online
Smíšené	Misto
V rámci (laboratorního) výzkumu	Basato su laboratorio di ricerca

Typ hodnocení	Tipo di valutazione
Vzájemné hodnocení	Valutazione tra pari
Hodnocený úkol	Valutazione con voti
Průběžné hodnocení	Valutazione continua
Portfolio	Portfolio
Výkon ve skupině	Prestazioni di gruppo
Praktické hodnocení	Valutazione pratica
Písemná zkouška	Esame scritto
Míra účasti	Frequenza
Projekt	Lavoro di progetto
Vzájemné hodnocení	Revisione tra pari
Kvíz	Quiz
Učení založené na řešení problémů	Apprendimento basato su problemi
Prezentace	Presentazione
Ústní zkouška	Esame orale
Posouzení výrobku	Valutazione di un'opera

Dohled a ověření totožnosti během hodnocení (Metoda dohledu a ověřování)	Supervisione e verifica dell'identità durante la valutazione (Metodo di supervisione e verifica)
Kontrola bez ověření totožnosti	Controllato senza verifica dell'ID
Dozor s ověřením totožnosti	Controllato con verifica dell'ID
Bez kontroly bez ověření totožnosti	Non controllato senza verifica dell'ID
Bez dozoru s ověřením totožnosti	Non controllato con verifica dell'ID

4.4 Czech-German

Strana Osvědčení	Zertifikat
Země vystavujícího subjektu	Land/Region des Ausstellers
Udělující subjekt	Ausstellende Stelle
Totožnost účastníka vzdělávání	Identitätsnachweis des/der Lernenden
Název mikrocertifikátu	Bezeichnung des Microcredentials
Typ zajištění kvality	Art der Qualitätssicherung, die dem Microcredential zugrunde liegt
Pomyslný objem práce potřebný k dosažení výsledků učení	Geschätzter Arbeitsaufwand, der zur Erreichung der Lernergebnisse erforderlich ist
Úroveň (případně cyklus) vzdělávací zkušenosti	Niveau (und gegebenenfalls Zyklus) der Lernerfahrung, die zum Microcredential führt
Číslo osvědčení	Zertifikatsnummer
Datum vydání	Ausstellungsdatum
Dodatková strana	„Certificate supplement“
Forma účasti na vzdělávací aktivitě	Form der Teilnahme an der Lernaktivität
Jazyk výuky programu	Unterrichtssprache
Typ hodnocení	Art der Bewertung
Dosažené hodnocení	Erzielte Note
Typ zajištění kvality	Art der Qualitätssicherung, die dem Microcredential zugrunde liegt
Výsledky učení	Lernergebnisse
Soustava kvalifikací	Nationales Qualifikationssystem
Další informace	Sonstige Angaben



Typ zajištění kvality (Typ akreditace)	Art der Qualitätssicherung, die dem Microcredential zugrunde liegt (Art der Akkreditierung)
Institucionální licence	Institutionelle Lizenz
Programový mechanismus zajišťování kvality	Programmqualitätssicherung
Institucionální mechanismus zajišťování kvality	Institutionelle Qualitätssicherung
Programová licence	Programmlizenz

Forma účasti na vzdělávací aktivitě (Způsob učení a hodnocení)	Form der Teilnahme an der Lernaktivität (Lern- und Beurteilungsmethode)
Učení se prací	Berufspraktisch
V rámci realizace projektu	Projektbasiert
Prezenční	Präsenz
Online	Online
Smišené	Blended Learning
V rámci (laboratorního) výzkumu	Arbeit im Forschungslabor

Typ hodnocení	Art der Bewertung (Beurteilungsart)
Vzájemné hodnocení	Peer Assessment
Hodnocený úkol	Benotete Aufgabe
Průběžné hodnocení	Fortlaufende Evaluierung
Portfolio	Portfolio
Výkon ve skupině	Gruppenleistung
Praktické hodnocení	Praktische Beurteilung
Písemná zkouška	Schriftliche Prüfung
Míra účasti	Anwesenheit
Projekt	Projektarbeit
Vzájemné hodnocení	Peer-Review
Kvíz	Quiz
Učení založené na řešení problémů	Problemorientiertes Lernen
Prezentace	Darstellung
Ústní zkouška	Mündliche Prüfung
Posouzení výrobku	Beurteilung eines Werks

Dohled a ověření totožnosti během hodnocení (Metoda dohledu a ověřování)	Beaufsichtigung und Identitätsüberprüfung während der Leistungsbeurteilung (Methoden für Aufsicht und Überprüfung)
Kontrola bez ověření totožnosti	Beaufsichtigt ohne Identitätsprüfung
Dozor s ověřením totožnosti	Beaufsichtigt mit Identitätsprüfung
Bez kontroly bez ověření totožnosti	Nicht beaufsichtigt ohne Identitätsprüfung
Bez dozoru s ověřením totožnosti	Nicht beaufsichtigt mit Identitätsprüfung

4.5 Czech-Slovak

Strana Osvědčení	Osvědčenie
Země vystavujícího subjektu	Krajina/región vydávajícího subjektu
Udělující subjekt	Vydávající subjekt
Totožnost účastníka vzdělávání	Identifikácia vzdelávajúcej sa osoby
Název mikrocertifikátu	Názov mikrocertifikátu
Typ zajištění kvality	Druh zabezpečovania kvality
Pomyslný objem práce potřebný k dosažení výsledků učení	Predpokladaná záťaž vzdelávajúcej sa osoby – úsilie potrebné na dosiahnutie vzdelávacích výstupov
Úroveň (případně cyklus) vzdělávací zkušenosti	Prípadne stupeň (resp. cyklus) vzdelávacej skúsenosti zakončenej mikrocertifikátom
Číslo osvědčení	Číslo osvedčenia
Datum vydání	Dátum vydania
Dodatková strana	„Certificate supplement“
Forma účasti na vzdělávací aktivitě	Forma účasti na vzdelávacej činnosti
Jazyk výuky programu	Jazyk výučby
Typ hodnocení	Druh hodnotenia
Dosažené hodnocení	Dosiahnutá úroveň
Typ zajištění kvality	Druh zabezpečovania kvality
Výsledky učení	Vzdelávacie výstupy
Soustava kvalifikací	Sústava kvalifikácií
Další informace	Ďalšie informácie

Typ zajištění kvality (Typ akreditace)	Druh zabezpečovania kvality, o ktorý sa opiera mikrocertifikát (Druh akreditácie)
Institucionální licence	Licencia na úrovni inštitúcie
Programový mechanizmus zajišťování kvality	Zabezpečovanie kvality na úrovni programu
Institucionální mechanizmus zajišťování kvality	Zabezpečovanie kvality na úrovni inštitúcie
Programová licence	Licencia programu

Forma účasti na vzdelávací aktivitě (Způsob učení a hodnocení)	Forma účasti na vzdelávacej činnosti (Spôsob učenia a hodnotenia)
Učení se prací	Učenie sa pracou
V rámci realizace projektu	Učenie sa prostredníctvom projektov
Prezenční	Prezenčné
Online	Online
Smišené	Zmiešané učenie
V rámci (laboratorního) výzkumu	Učenie sa vo výskumnom laboratóriu

Typ hodnocení	Druh hodnotenia (Typ hodnotenia)
Vzájemné hodnocení	Partnerské hodnotenie
Hodnocený úkol	Hodnotená úloha
Průběžné hodnocení	Priebežné hodnotenie
Portfolio	Portfólio
Výkon ve skupině	Skupinové výsledky
Praktické hodnocení	Praktické hodnotenie
Písemná zkouška	Písomné skúšanie
Míra účasti	Úroveň dochádzky
Projekt	Projektová práca
Vzájemné hodnocení	Partnerské preskúmanie
Kvíz	Kvíz
Učení založené na řešení problémů	Učenie založené na riešení problémov
Prezentace	Prezentácia
Ústní zkouška	Ústno preverjanje
Posouzení výrobku	Hodnotenie výsledku činnosti

Dohled a ověření totožnosti během hodnocení (Metoda dohledu a ověřování)	Dohľad a overovanie totožnosti počas hodnotenia (Metóda dohľadu a overenia)
Kontrola bez ověření totožnosti	Dozorované bez overenia ID
Dozor s ověřením totožnosti	Dozorované s overením ID
Bez kontroly bez ověření totožnosti	Nedozorované bez overenia ID
Bez dozoru s ověřením totožnosti	Nedozorované s overením ID

4.6 Czech-Spanish

Strana Osvědčení	Certificado
Země vystavujícího subjektu	País/región de expedición
Udělující subjekt	Entidad que concede la microcredencial
Totožnost účastníka vzdělávání	Identificación del aprendiz
Název mikrocertifikátu	Título de la microcredencial
Typ zajištění kvality	Tipo de garantía de calidad
Pomyslný objem práce potřebný k dosažení výsledků učení	Carga de trabajo nocional requerida en el país para obtener los resultados de aprendizaje
Úroveň (případně cyklus) vzdělávací zkušenosti	Nivel (y ciclo, cuando proceda) de la experiencia educativa con la que se ha obtenido la microcredencial
Číslo osvědčení	Número de certificado
Datum vydání	Fecha de expedición
Dodatková strana	„Certificate supplement“
Forma účasti na vzdělávací aktivitě	Forma de participación en la actividad de aprendizaje
Jazyk výuky programu	Lengua de enseñanza
Typ hodnocení	Tipo de evaluación
Dosažené hodnocení	Nota obtenida
Typ zajištění kvality	Tipo de garantía de calidad
Výsledky učení	Resultados del aprendizaje
Soustava kvalifikací	Sistema nacional de cualificaciones
Další informace	Información adicional



Typ zajištění kvality (Typ akreditace)	Tipo de garantía de calidad utilizado para respaldar la microcredencial (Tipo de acreditación)
Institucionální licence	Licencia institucional
Programový zajišťování kvality mechanismus	Garantía de calidad de los programas
Institucionální zajišťování kvality mechanismus	Garantía de calidad institucional
Programová licence	Licencia de programa

Forma účasti na vzdělávací aktivitě (Způsob učení a hodnocení)	Forma de participación en la actividad de aprendizaje (Tipo de aprendizaje y evaluación)
Učení se prací	Basado en el trabajo
V rámci realizace projektu	Basado en proyectos
Prezenční	Presencial
Online	En línea
Smišené	Mixto
V rámci (laboratorního) výzkumu	Basado en la investigación en laboratorio

Typ hodnocení	Tipo de evaluación
Vzájemné hodnocení	Evaluación por pares
Hodnocený úkol	Tarea puntuable
Průběžné hodnocení	Evaluación continua
Portfolio	Expediente
Výkon ve skupině	Resultados de un grupo
Praktické hodnocení	Evaluación práctica
Písemná zkouška	Examen escrito
Míra účasti	Nivel de asistencia
Projekt	Trabajo en un proyecto
Vzájemné hodnocení	Revisión inter pares
Kvíz	Test
Učení založené na řešení problémů	Aprendizaje basado en problemas
Prezentace	Presentación
Ústní zkouška	Examen oral
Posouzení výrobku	Evaluación de artefactos

Dohled a ověření totožnosti během hodnocení (Metoda dohledu a ověřování)	Supervisión y verificación de la identidad durante la evaluación (Método de supervisión y verificación)
Kontrola bez ověření totožnosti	Supervisado sin verificación de la identidad
Dozor s ověřením totožnosti	Supervisado con verificación de la identidad
Bez kontroly bez ověření totožnosti	No supervisado sin verificación de la identidad
Bez dozoru s ověřením totožnosti	No supervisado con verificación de la identidad

Contact

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Main Coordinator of the project NPR Transformation of Universities – SC C1 – micro-credentials on behalf of Charles University

Hlavní koordinátorka projektu NPO Transformace VŠ – SC C1 – micro-credentials za Univerzitu Karlovu

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