



## Certificate of Attendance AppSkil Card

This AppSkil Card is to certify that the Card Holder attended the AppSkil (*course / module / modules*) provided by (*name of the VET provider*) on (*dates of the course / module / modules*)

### 1. Card Holder

Name \_\_\_\_\_

Surname \_\_\_\_\_

Date of Birth \_\_\_\_\_

Country of Birth \_\_\_\_\_

Citizenship \_\_\_\_\_

### 2. Title of the Training Course / Module / Modules

\_\_\_\_\_

### 3. Description of the Training Programme

(*full course, to be adjusted for modules*)

#### a) Learning Objectives:

The learning objectives of the course mainly address the skills identified as: most demanded by the labour market; having the lowest degree of coverage in the existing courses and programmes; less subject to obsolescence. These skills are:

- create and effectively commercialize mobile apps;
- enhance their business;
- user understanding;
- design skills.

#### b) Entry Requirements:

In order to be able to follow this course and achieve the learning objectives and outcomes, a certain number of pre-requisites were requested: basic knowledge of computational thinking (abstraction, algorithms, decomposition and pattern recognition); basic knowledge of business management; basic knowledge of computer science / software engineering; basic knowledge of programming basics (Java, C++ and C#); utilise event driven programming; utilise data modelling; create prototyping; identify basic requirements; produce prototype; assess prototype - discuss; modify and enhance prototype; develop and code on one or more mobile operating systems: iOS, Android, Windows Phone; have basic knowledge of mobile hardware architecture.

#### c) Duration:

The AppSkil course is 60 hours long (*15 for each module*), with 21 learning outcomes, the duration of which is estimated to approximately 3 hours each.

#### d) Structure of the Course:

The AppSkil Course comprises four modules: Module 1 - Business Management; Module 2 - Marketing Channels; Module 3 - Development of the App; Module 4 - Project Management.

#### e) Teaching/Learning types:

The course was delivered in presence and the methodology of the case studies was applied.



**f) Learning Outcomes:**

*(to be added as appropriate)*

**g) EQF – European Qualification Framework Level: 5**

Descriptors: <https://ec.europa.eu/ploteus/content/descriptors-page>

**h) e-CF – European e-Competence Framework Level: 2**

Descriptors: <ftp://ftp.cen.eu/CEN/Sectors/List/ICT/CWAs/CWA%2016458.pdf>

**i) Assessment Procedure:**

*(optional; to be added as appropriate)*

#### **4. Additional Information**

**a) The AppSkill Project:**

The AppSkill ICT Sector Skills Alliance is a Project (2015 - 2017) co-funded by the European Union (Grant Agreement n. 2014 – 3606 - / 001 - 001), in the framework of the Erasmus+ Programme, Key Action 2, Sector Skills Alliances. The project has two main aims: 1) to identify the skills most needed but missing from the mobile apps' labour market and 2) to develop a suitable curriculum and MOOC to offer industry-specific training to mobile app developers. For further information: <https://appskil.eu/en/the-project/>

**b) The Erasmus+ Programme:**

Erasmus plus is the European Union Programme for education, training, youth and sport (2014-2020). For further information: [https://ec.europa.eu/programmes/erasmus-plus/node\\_en](https://ec.europa.eu/programmes/erasmus-plus/node_en)

**c) The AppSkill Alliance:**

The Appskill Alliance involved 14 partners from 4 countries (UK, IT, BE, ES), including regulatory authorities in the field of Education and Training, ICT Sector representatives and Education & Training providers. The partners are: Coventry University Enterprises Ltd; Department for Northern Ireland Employment and Learning; Naace (Naace); South West College (SWC); South Eastern Regional College (SERC); Associazione CIMEA; Associazione italiana per l'Informatica e il Calcolo Automatico; Consorzio Friuli Formazione; Conseil Régional de la Formation in the Walloon Region of Belgium; Agoria; Business Training; Gobierno de Navarra - Departamento de Educación; ATI - Asociación de Técnicos de Informática; Florida Centre de Formació, Coop. V; AELP - The Association of Employment and Learning Providers. For further information: <https://appskil.eu/en/the-alliance/>

**d) Information on the Course / module / modules Provider**

*(to be added by the Provider)*

**Date of release of the Certificate**

**Stamp of the VET Provider**  
**Name and position of the VET provider representative**  
**Signature**