

# The Development and Use of Partial Qualifications

in the National Qualifications System  
and Vocational Education  
and Training in Poland

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# Polish Qualification Framework (PQF / PRK)

A national system describing what people know, understand and can do



**Qualifications are defined by learning outcomes – not by duration of education –**



## Full Qualifications



- from education system and higher education

## Partial Qualifications



from education system



- distinct vocational qualifications



from higher education



- postgraduate qualifications



outside education & HE systems



- regulated
- craft (trades)
- sectoral
- market

## LEARNING OUTCOMES

Knowledge • Skills  
• Social Competences

### LEARNING OUTCOMES

Refer to the ability to handle **action** or solve a problem (knowledge, skills and social competences).



#### Knowledge

e.g, understanding how to operate machines



#### Skills

ability to perform specific tasks

### VERIFICATION CRITERIA

- Specify and detail learning requirements
- Indicate how to check if a learning outcome has been achieved (knowledge, skills, and social Competences)



#### Skills

required for the qualification



How they will be checked



measurable, observable, assessable



Criteria that specify learning outcomes form the basis of **validation** of qualifications

# Selected Learning Outcomes for the Qualification “Programming and Operating a 3D Printing Process”

## Learning Outcome Set: Preparing a 3D Printing Process Based on Documentation

**Learning Outcome:** Selects 3D printing parameters

**Verification Criteria:**

- Discusses 3D printing process parameters and 3D printer settings
- Sets model parameters based on the capabilities of the technology

## Learning Outcome Set: Operating a 3D Printing Process

**Learning Outcome:** Starts the 3D printer

**Verification Criteria:**

- Explains 3D printer calibration principles
- Checks the material cartridges' status and confirms material type matches settings parameters
- Verifies the 3D printer's readiness for operation
- Inspects 3D printer settings to ensure they suit the material requirements
- Starts the 3D printing process



**Source:** Qualification described by the VCC Foundation, integrated into the integrated Qualifications System 17.12.2018 (integrated Qualifications System, 2018).

# CAN MOTIVATE, BUT DIFFERENTLY

- **Qualification Title:**

Delivering instructional units for teaching and improving snowboarding (PQF Level 3)

- **Set of Learning Outcomes Set:**

4. Organising and delivering instructional units for teaching and improving snowboarding

## Uses communication and motivation tools

- Explains the principles of instructional communication;
- Welcomes and says goodbye to participants;
- Establishes direct eye contact with participants;
- Provides feedback on the performance of exercises;
- Motivates participants to engage in physical effort, including using verbal encouragement, praise, changes in voice intonation, and highlighting the benefits of exercises;
- Summarises the session, emphasises achieved objectives, and encourages participation in future sessions.

# THE POWER OF LEARNING OUTCOMES

Connecting Full Qualifications, Partial Qualifications, Vocational Qualifications, Sectoral Qualifications & Microcredentials



Transparency • Transferability • Lifelong Learning • Labour Market Relevance ◀



## How Public VET Schools Deliver Partial Qualifications (Market and Sectoral)









**EDUCATION**

**NATIONAL  
REPOSITORY OF  
LEARNING  
OUTCOMES**

**LABOUR MARKET**

**QUALIFICATION PROVIDERS**