EQF assigned
occupational profiles and curricula:

**IT multimedia applications specialist
in Greece**

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Occupational profile

The exemplary occupational profile examined is Multimedia Applications Specialist compiled by EKEPIS (National Accreditation Centre) and it includes all the principles and aspects discussed in the model as:

- Title and definition of the occupation or specialization

- Description of the work processes that specify the occupation or specialization

- Required abilities expressed in the EQF descriptors knowledge, skills and competencies

- Education and training pathways related to this occupation

- Indications on the assessment of the required abilities

Additionally, during the description/identification of the work processes that specify the occupation or specialization the following procedures were observed

1. **Application of scientific methods for work analysis.**
   More specifically, the profile was developed in the framework structured by the European and international bibliography regarding occupational profile development and security services' international descriptions, based on certain rules defined in the Common Ministry Decision (110998/8.5.2006) regarding occupational profiles' accreditation. Additionally a variation o Delphi method is used on the occupational description questionnaire, developed by scientific experts.

2. **Participation of stakeholders.**
   The specific occupational profile development was undertaken by the following organizations: ESEE, KAELE, GSEE, KEK-INE/GSEE, KEK GSEVEE, SEV, and IOVE. In this framework a group of experts was formed where representatives from the employees and employers' organizations participated as experts, together with the scientific staff of the organizations. It is important to point out that in every stage during the development of the profile, the representatives from the employees and employers' gave feedback regarding the developed occupational profile.

Moreover, as far as required abilities expressed in the EQF descriptors knowledge, skills and competencies are concerned, the following steps were taken:

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1. Identification of work and business processes

2. Partition of fields of activity

3. Definition of learning outcomes related to the fields of activity

4. Transferring the fields of activity and learning outcomes into the occupational profile

Besides, education and training pathways related to the occupation as well as assessment of the required abilities are included.

EKEPIS is now creating the methodology and tools in order to turn occupational profiles into vocational education and training programmes and to add credit units.

Curriculum

Until now, in Greece the responsibility concerning all the aspects mentioned was fragmented in numerous bodies and there was lack of coordination among them. Under the new law 3879/2010 EKEPIS is responsible for the accreditation of learning input and EOPP is responsible for the certification of learning outcomes. Both bodies cooperate and stakeholders invariably participate.

Occupational profiles were developed by EKEPIS in the last two years, whereas curricula were designed by OEEK about fifteen years ago. It goes without saying that curricula in vocational education and training do not reflect occupational profiles or the principles discussed in EQF predict project.

Consequently, the curriculum for IT multimedia specialist does not observe all the criteria and principles mentioned in the interviews. The study guide containing the curriculum was developed by OEEK in 1993 and has not been updated. However, this should be a dynamic process and it should reflect the contemporary socioeconomic needs and requirements of the work market.

Stakeholders partly participated and not all interested parties were represented. Moreover, some but not all of the methodological tools were observed. It is strongly recommended that the existing curriculum is updated in accordance with the occupational profile developed by EKEPIS so as to comply with current methodology.

As for assessment, certain suggestions can be put forward which are also included in the study for the occupational profile developed with the agreement of stakeholders.

In order to assess **knowledge** of separate tasks, written examinations, oral examinations and multiple choice tests are proposed. A course on "fundamental professional behaviour and communication" is included in the programme which can be assessed through interview and discussion with the trainee. This course aims at making the programme compatible with the principle of "holistic approach" in the EQF-predict model. As for the practical part, observation of task implementation and evaluation of technical skills are proposed.

In order to assess the required **skills** in separate tasks, interview, observation of task implementation and evaluation of technical skills are proposed.

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Competence in particular can be assessed through the use of reliable tools such as Differential Aptitude Test (DAT), General Aptitude Test Battery (GATB), Comprehensive Ability Battery (CAB), SRA Mechanical Aptitude, Minesota Paper Form Board.

The OEEK curriculum concerning knowledge, skills and competences for IT MULTIMEDIA APPLICATIONS SPECIALIST is as follows:

- S/he is familiar with basic IT terminology for hardware and software

- S/he uses operating systems DOS, UNIX, WINDOWS and the local system

- S/he checks and maintains computer installations at first level

- S/he has knowledge of algorithms and structural program design

- S/he encodes applications in languages of structured programming

- S/he takes full advantage of word-processors and spreadsheets in WINDOWS environment

- S/he uses databases in WINDOWS environment

- S/he has the theoretical training to implement multimedia applications

- S/he applies techniques for designing and testing programs with multimedia tools and supports the generated product

- S/he takes full advantage of multimedia tools for program editing as well as the multimedia potential of WINDOWS

- S/he develops parts of integrated applications with multimedia tools in different environments and operating systems, according to the advised specifications

- S/he communicates in English and Greek, and comprehends technical manuals with English terminology.

For further information on the project please consult:	For further information on the paper please contact:
www.project-predict.eu	tm.eth@oeek.gr

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