

ECCC SYLLABUS

MODULE: **IT M5** MULTIMEDIA

LEVEL: **BASIC (A)**

COMPETENCE GROUP	COMPETENCE WITHIN ECCC STANDARDS
1. Transferring multimedia data from digital devices	1.1. Basic notions connected with multimedia and digital devices, basic ways of saving digital data. 1.2. Presentation of commonly used digital and analog interfaces. 1.3. Transferring and saving data from digital devices.
2. Computer graphics	2.1. Presentation of differences between vector and raster graphics. RASTER GRAPHICS: 2.2. Basic picture transformations: cropping, changing the screen resolution, changing the depth of colors. 2.3. Basic picture correction: changing contrast, brightness, colorfulness, saturation, balance of whiteness, blurring, sharpening, removing the most common faults of digital Picture. 2.4. Basic operations on selected areas: merging, smoothing, widening, narrowing. 2.5. The technique of working on layers: creating, copying, changing the order, grouping, removing. VECTOR GRAPHICS: 2.6. Objects: drawing, moving, scaling, turning, removing, fillings, outlines, alignment. 2.7. Text: formatting, attributes and edition, adjusting.
3. Digital sound editing	3.1. Transferring sound from an audio CD to a file, recording voice and sound effects. 3.2. Basic sound edition: removing pauses, changing the tempo.
4. Film	4.1. Introduction to the interface of the program and basic elements of the working area. The notion of a view (a timeline, a storyboard) and a track. 4.2. Basic film editing: dividing shots into fragments, editing particular scenes (moving and still), adding sound, changing the volume level. 4.3. Saving a film project, exporting a film into a file.
5. Archiving digital data	5.1. Types of digital data carriers. 5.2. Archiving digital data on a CD/DVD (data, audio CD, mixed CD).

Preferred software for completing tasks for level A:

- graphics: Corel Paint Shop Pro, GIMP, Inkscape, Adobe Photoshop
- sound: Audacity
- film: Windows Movie Maker, K-Lite Codec Pack
- archiving: Nero Burning Rom, CD Burner XP

Required equipment:

- digital camera
- dictaphone
- scanner
- microphone + headphones