

## ***„PhotoPaint - computer photos processing - raster graphics - basic training”***

### ***Course description:***

Training PhotoPaint is addressed to people who want to deal with photos processing and graphic design. Within 14 hours of training you will learn what formats are used to save raster graphics. How to make a professional photo retouch. How to create photomontages. And how to prepare material for printing or for web pages.

### ***Skills acquired during the training:***

- o gaining knowledge about raster graphic design
- o learning graphic design methods that will let you make your business projects more efficient in less time and without the costly involvement of external design agencies
- o gaining the skills to create quickly simple photomontages
- o getting familiar with graphics formats and using them
- o ability to create simple designs such as banner for website, preparing photos and graphics on facebook, preparing photos for print
- o ability to modify and improve existing projects
- o basic raster graphics typesetting skills

### ***Training program:***

#### **1. Introduction to computer graphics:**

Division into vector and raster graphics

File formats in raster graphics (GIF, JPG, PNG, TIF, PDF, PSD) and their application

Resolution, size, scaling, cropping

Lossy and lossless compression

Application of raster graphics

Ergonomics of work, the most important keyboard shortcuts

Colour models

Opening and saving a document

## **2. Selection - work with the selection tools**

Object properties (size, scaling, rotation)

Selection - rectangle, ellipse, wand, and other selection types

Creating a mask

## **3. Image correction**

Work on brightness levels and Histogram

Correcting brightness levels

Using channels and brightness levels to change colour

Working with Selective Colour

Mixing colour channels in Channel Mixer

Changing colour, saturation, brightness

## **4. Setting the working window**

Switching and distribution: properties bars and tools windows

View and zoom and move around the image

Working with the rulers and auxiliary lines

Working on layers

Layer blending options

Layer styles

## **5. Basics of photomontage and photo correction**

## **6. Working with text in raster graphics**

Introduction and editing text

Text settings

Rasterizing

Special effects

## **7. Filters, tool shapes, linking images**

Correcting the image and channels using filters

Ways of combining images

Using filters to create selections

Creating your own filters

Using filters in combination with penetration between layers and working modes of painting tools

## 8. Import-Export Graphics fine tuning

Scanning and printing

Preparing graphics for websites

### *Methodology:*

- PowerPoint mini lectures
- working on computers (each participant works on a separate computer)
- mini training videos

### *Organizational information:*

Number of training hours: 14

Time of training 9:15-16:15

Place of training: Łódź, Piotrkowska 125 – KM Studio - trainings