

Faculty of Electrical Engineering / APPLIED COMPUTER ENGINEERING / DESKTOP PUBLISHING

Course:	DESKTOP PUBLISHING			
Course ID	Course status	Semester	ECTS credits	Lessons (Lessons+Exercises+Laboratory)
983	Mandatory	6	6	3+0+1
Programs	APPLIED COMPUTER ENGINEERING			
Prerequisites	No prerequisites required.			
Aims	Reaching the professional level of producing printed materials, printing preparation and printing.			
Learning outcomes	After passing the exam, students will be able to: 1. Name and explain classification of graphics on the computer (raster and vector graphics); 2. Use basic tools for the creation and design of objects, organize objects on the page and apply basic effects in Corel DRAW; 3. Create and prepare for printing a flyer, sticker, business card; 4. Use the basic tools for editing photos, work with layers and selections and tone and a color correction of images in Adobe Photoshop; 5. Make difference among file formats of photos and know their characteristics, correctly interpret the basic parameters of the image and adapts them to the purpose; 6. Design various backgrounds, combining multiple images, layers to organize so the composed image, and applies a variety of modes and mixing styles; 7. Create, design and prepare for printing multiple pages document using Adobe InDesign;			
Lecturer / Teaching assistant	Ph.D. Vesna Popović Bugarin- teacher Ph.D. Vesna Rubežić - teacher			
Methodology	Lectures and exercises in a computer classroom.			
Plan and program of work				
Preparing week	Preparation and registration of the semester			
I week lectures	Introduction to printing and measurement. Graphics, formats, printing.			
I week exercises	Introduction to printing and measurement. Graphics, formats, printing.			
II week lectures	Inkscape- Presentation environments Inkscape. Selection tools, drawing rectangles, ellipses, polygons and other shapes.			
II week exercises	Inkscape - Presentation environments Inkscape. Selection tools, drawing rectangles, ellipses, polygons and other shapes.			
III week lectures	Inkscape - Drawing paths and filling. Shape tool,blend tool, envelope tool, tools for contours, distortions, shadow and transparency.			
III week exercises	Inkscape - Drawing paths and filling. Shape tool,blend tool, envelope tool, tools for contours, distortions, shadow and transparency.			
IV week lectures	Inkscape - Tex tool and working with text.			
IV week exercises	CorelDraw - Tex tool and working with text.			
V week lectures	Inkscape - Setting and working with menu			
V week exercises	Inkscape - Setting and working with menu			
VI week lectures	First test			
VI week exercises	First test			
VII week lectures	Photoshop - Presentation of Adobe Photoshop for Windows environment and tools form Image menu.			
VII week exercises	Photoshop - Individual work on practical examples that illustrate Adobe Photoshop for Windows environment and tools form Image menu.			
VIII week lectures	Photoshop - Tools for selection, cropping, zooming and defining foreground and background color. Edit menu, drawing and erasing tools.			
VIII week exercises	Photoshop - Tools for selection, cropping, zooming and defining foreground and background color. Edit menu, drawing and erasing tools.			
IX week lectures	Photoshop - Working with Layers.			
IX week exercises	Photoshop - Working with Layers.			
X week lectures	Photoshop - Tone and color correction			
X week exercises	Photoshop - Tone and color correction			
XI week lectures	Second test			

XI week exercises	Second test					
XII week lectures	InDesign - Presentation of QuarkXpress environments and tools for setting up image and text boxes.					
XII week exercises	InDesign - Individual work on practical examples that illustrate QuarkXpress environments and tools for setting up image and text boxes.					
XIII week lectures	InDesign - Wrapping text around objects, creating and linking multiple pages in a document, text formatting, styles, use of files					
XIII week exercises	InDesign - Wrapping text around objects, creating and linking multiple pages in a document, text formatting, styles, use of files					
XIV week lectures	InDesign - styles, use of files, create hyperlinks, document printing					
XIV week exercises	InDesign - styles, use of files, create hyperlinks, document printing					
XV week lectures						
XV week exercises						
Student workload	per week Working hours: 6 credits x 40/30 = 8 hours. Working hours structure: 2 hours for teaching 2 hours for exercises 4 hours for individual work, including consultations.					
Per week			Per semester			
6 credits x 40/30=8 hours and 0 minuts 3 sat(a) theoretical classes 1 sat(a) practical classes 0 excercises 4 hour(s) i 0 minuts of independent work, including consultations			Classes and final exam: 8 hour(s) i 0 minuts x 16 =128 hour(s) i 0 minuts Necessary preparation before the beginning of the semester (administration, registration, certification): 8 hour(s) i 0 minuts x 2 =16 hour(s) i 0 minuts Total workload for the subject: 6 x 30=180 hour(s) Additional work for exam preparation in the preparing exam period, including taking the remedial exam from 0 to 30 hours (remaining time from the first two items to the total load for the item) 36 hour(s) i 0 minuts Workload structure: 128 hour(s) i 0 minuts (cources), 16 hour(s) i 0 minuts (preparation), 36 hour(s) i 0 minuts (additional work)			
Student obligations			Lessons attendance is mandatory for students, as well as doing laboratory and home exercises and both tests.			
Consultations			Monday 13-14h Tuesday 13-14h			
Literature			Teacher's handouts.			
Examination methods			- Home exercises carry 3x2 points. - Laboratory exercises attendance carries 9 points. - Each test carries 20 points (40 points total). - Final exam carries 45 points. Student gets the passing grade by collecting 50 points at least.			
Special remarks						
Comment						
Grade:	F	E	D	C	B	A
Number of points	less than 50 points	greater than or equal to 50 points and less than 60 points	greater than or equal to 60 points and less than 70 points	greater than or equal to 70 points and less than 80 points	greater than or equal to 80 points and less than 90 points	greater than or equal to 90 points