Course Unit Descriptor

Study Programme: Graphic Engineering and Design			
Course Unit Title: Colour Science			
Course Unit Code: F407			
Name of Lecturer(s): Sandra Dedijer			
Type and Level of Studies: Bachelor Level			
Course Status (compulsory/elective): compulsory			
Semester (winter/summer): Winter			
Language of instruction: English			
Mode of course unit delivery (face-to-face/distance learning): Face-to-face			
Number of ECTS Allocated: 7			
Prerequisites: None			
Course Aims: To enable students to adopt contemporary theoretical and practical knowledge on colour as a very significant segment in graphic engineering and design.			
Learning Outcomes: Acquired knowledge is used in profession, individual work, and in further education			
Syllabus: Light as a natural phenomenon, Colour as a natural phenomenon, Observing and differentiating colour, Colour attributes, Historical development of the colour systems, Colour perception in colour space and colour appearance models, Concept of colour models, Colour appearance models, Measuring instruments, Gloss and whiteness measurements.			
Required Reading: Relevant literature in English TBD			
Weekly Contact Hours: 4	**Lectures:** 2	**Practical work:** 0	
Teaching Methods: Teaching is held using contemporary didactic means and methods, interactively in the form of lectures, computer and laboratory practice. Theory is presented in lectures. At practice, students repeat the teaching content and expand their knowledge by using the measuring equipment. Apart from lectures and practice, tutorials are regularly held.			
Knowledge Assessment (maximum of 100 points):			
Pre-exam obligations	points	**Final exam**	points
Active class participation	5	written exam	40
Laboratory exercise attendance	3	oral exam	30
Computer exercise attendance	2	…….	
Computer exercise defence	20		
The methods of knowledge assessment may differ; the table presents only some of the options: written exam, oral exam, project presentation, seminars, etc.			