Course Title	**Computational Design II**				
Course Code	**CAR110**				
Course Type	**Compulsory**				
Level	Bachelor				
Year / Semester	1st / Spring				
Teacher's Name	Dr. Sotirios Kotsopoulos				
ECTS	5	Lectures / week	2	Laboratories / week	0
Course Purpose and Objectives	Acquire capacity for developing further and greater understanding for the use of electronic imaging. Gain ability to employ IT technologies as a vehicle for producing practical work. Demonstrate skills and competences characterised by harmony and function between design and technology, moving from the traditional art and design boards to a contemporary art and design methodology Acquire skills to experiment with modern computer aided design packages, and examine the basic design tools of the software package. Develop capacity for selecting appropriate technology and supporting the use of it in the professional sphere. Develop capacity for developing and creating final artwork needed for the general cause of the area of specialization in art and design.				
Learning Outcomes	Understand the possibilities of Adobe Illustrator and vector graphics. Software interface prologue. Complete workshops on creating Illustrator documents. Use drawing tools to create basic shapes. Use rulers, guides and grids as drawing aids. Navigate and control shapes. Get familiarised with colours and identify the differences and importance's CMYK and RGB colours have. Fulfil workshops on working with the pen tool. Draw straight lines. End path segments and split lines. Draw curved lines. Edit curves, changing from smooth to pointed and vice versa. Work with brushes. Alter brush color and properties. Use, define and edit symbols. Combine pixel based image and Illustrations. Place, edit and mask images inside illustrator.				
Prerequisites	-		Required		-
Course Content	This course aims to introduce students to the fascinating world of computers in the design realm and specifically to computer-aided design. The computer is introduced as a powerful tool in design, enabling the students to quickly test ideas in visual communication through a rigorous process of sketching. Personal expression is stressed and individuality and design experimentation is encouraged.				

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Bibliography	Adobe Illustrator CC Classroom in a Book; 2017 Adobe Press
Assessment	All Project and Class Work: 40% Final Test: 60% Total: 100%
Language	English