C Typographic "Cursus"

Writing has been fundamental to understand the humanity, the characters and glyphs have given humanity the opportunity to express their ideas, feelings and stories. Based on the theory "Cursus-ductus" of Dr. Enric Tormo, let's take a closer look how "cursus" was involved in creation of the alphabet.

The structure of the written characters depends on calligraphic traces and is defined by the movements of the hands, wrists, joints and fingers. We can determine that the glyphs are consists of "cursus" and "ductus". Let's see how the "cursus" works.

Alphabet letters are defined by a trace, or line, which is drawn in a controlled way. This is known as "cursus ", it means, it is the path that is followed to create each of the letters (straight or curved) from one point to another. For example, to trace "b" of the Latin alphabet, will make the "cursus" in two steps, first a line from top to bottom and then another in circle.

According to "Tormología" we can set three different types of "cursus":

PC Physical Cursus

PC Perceptive Cursus

UC Utilitarian Cursus

Refers to the physical shape of the graphic space. It is when the "cursus" acts as formal paradigm defining the typographic shape of the alphabet.



m.

PC

Closely linked with the theories of Gestalt and refers to the route that a vision is following when reading a graphic text. Obviously, this is not the physical "cursus". On the contrary, in the execution, some points are enhanced to devalue others to create series of points that lead us on the path to the form. Along the entire route exist multiple gradients of definition.



It is the combination of the physical and perceptive. Its name indicates the value of use acquired, this is what will determine where you place the strategic points of the graphics benchmarks, those that support reading skills. The "utilitarian cursus" points out the places from which the designer can manipulate the glyph set, respecting, enhancing or altering their expressive power.

Typography: discipline and uses Diagram Typographic "Cursus" Otto Lerma

Callígraphy (from Ancient Greek: κάλλος kallos "beauty" and γραφή graphe "writing") it is the art of handwriting in a beautiful and elegant way, also is known as the set of features that characterize a person's writing or document.

Calligraphy is, unlike other graphic-craft techniques, the only discipline whose competence is the development of alphabets which are recognizable, readable, and mostly uniform in graphic diction. To do this you must use a framework to organize the different surface graphic strokes forming the letters, so that there is a constant directionality and ordering in feature value of each of the letters drawn. A characteristic feature in calligraphy must always be repeated in the same position and with the same intensity; this is what gives value to writing unit.

PC Palligraphy

calligraphic pen stroke

uc Digital typography

It is a set of drawings in vectors or bitmaps. This font file also contains the necessary information to match each picture to the corresponding character, and also for the spacing of characters.

UC PostScript typography

Tipografía vectorial codificada. Es un tipo de letra que recoge la información que lo describe en dos ficheros: uno contiene la información que describe al tipo y otro contiene la información vectorial o de mapa de bits que mediante fórmulas matemáticas le permite "dibujar" caracteres.

UC ector Ividogra

The basic procedure for drawing glyphs with lines that can be scaled infinitely, is to locate the critical points of the shape to create to set the necessary points and join them with lines (straight or curved) to create the wanted figure. The points are called "nodes", "tangent points", or "anchor points ". The shape of the path is defined by invisible points in the drawing called "control points", " control handles " or "direction handles ".

Sintaxis bitmap typography

% l bit image in CMYK <</PageSize E5O 5OI >> setpagedevice /DeviceCMYK setcolorspace true setoverprint

0 1 0 0 setcmvkcold

<u>Bitmap Typography</u>

UC

This is an electronic data file that describes the font ordered on a bitmap grid. They are also called screen fonts because are specially designed to compensate the relatively low resolution of display screens.

88 true E8 0 0 -8 0 8J lectura {<00180404 lC24lC00>} imagemask } def gsave

75 75 translate 100 100 scale arestore

showpage

La letra: docencia e investi<mark>gaci</mark>ón cursusductus www.ub.edu/cursusductus/cd.htm



mechanically the handwriting, the "cursus-ductus", and the energy that drives the movement, organize and modulate the layout of the letters.