

CATEGORY LECTURE 2
MARIZZA BAILEY

1. THE DIAGRAM OF CATEGORIES

This category is also called the "comma category" and can be created from any other category.

Let C be a category and $X \in \text{Obj}(C)$.

Then the diagram of categories, C_X is a category in which the objects

So the morphisms in the category, C , to X have become are objects in this new category.

