RESEARCH & EXPERIMENTATION

MODULE

This module will focus on developing a research based approach to design, be that research through design or design by research. Students will have the opportunity to experiment how to set up research and experiments, document and effectively communicate the outcomes. Effective research and communication will be a key part of your success in academia and in the professional world and this module will cover specific points which will help with the development of a research based methodology within design disciplines.

GETTING STARTED

— Finding References (Online/Journals/Publications...etc)
— Setting up a State of the Art
— Posing a research question and laying out a hypothesis
— Defining objectives and expected results within reason
— Defining a methodology: how to choose the right methodology
— Setting up a bibliography

BECOMING OPERATIONAL

— Setting up experimentation: identifying variables, designing an apparatus, etc.
— Quantitative vs. qualitative research
— Documenting your experiment and variables: drawing and multimedia strategies

CONCLUDING

— Recording and understanding your results
— Drawing conclusions