

TITLE

Introduction to 3D Modelling

COURSE OVERVIEW

3D modelling is the process of creating three-dimensional representations of an object or a surface. 3D Modeling is used in a variety of applications to make representations of physical objects on the computer. 3D modeling is a subset of Computer Aided Design (CAD), in which you use a computer to assist in the design process for any type of design work. It is used in a variety of applications, mostly when it comes to designing parts on the computer to assist in the making or visualization of those parts.

If you've heard of 3D printing, 3D modeling is what is used to design objects before they are 3D printed. In this course you'll learn some of the basics of modelling, how to identify an object in space, how to switch to 3D modeling and why it is important.

COURSE DURATION

4 hours

DELIVERY FORMAT

Classroom.

LOCATION

Classroom: 188 Syngrou Andrea Avenue, 17671 Kallithea Attica

COURSE OUTCOME

You will receive an ARKIAS ACADEMY Certificate.

COURSE CONTENT

- What is 3D Modelling?
- 3 Dimensions of space
- 2D Sketch
- 3D Sketch
- How to determine the position of an element in space
- How to determine the orientation of an element in space
- Units of measurement
- From 2D to 3D
- From 3D to 2D
- Industries using 3D modelling
- Benefits of 3D modelling
- History of 3D modelling
- 3D modelling & 3D Printing

This course is assessed with a final written test at the end of the course.