Autodesk Designathon 2024

Event outline

Wednesday, 26 June 2024 - Thursday, 27 June 2024

The Designathon is organized by Autodesk's Authorized Learning Distributor, KnowledgePoint Limited. Contact our team if we can assist with any questions at ALP-Support@knowledgepoint.com.

Day 1, 26 June

Technical hands-on training on Autodesk Fusion

No previous experience required.

Participants will need to create an Autodesk Student Plan account, then install and activate Autodesk Fusion for free on the Autodesk Education Community: https://www.autodesk.com/education/students

The following areas will be covered in the training session:

Topic area	Description
Data Panel	Creating a new project and inviting peers. Workflow for collaboration such as saving files and other important tips.
Fusion 360 UI	Parametric modelling, Direct modelling, Browser, Timeline and other interface components.
2D Sketch Workspace	Detailed explanation of all commands under the Create, Modify, Constraints panels.
3D Modeling Workspace	Explanation of important commands under the Create, Modify, Construct and Insert panels.
T-Splines / Freeform Modeling Workspace	Explanation of commands under the Create, Modify, Symmetry and Utilities panels and example creation.
Render Workspace	Appearance, Scene Settings, Texture Map Control, In canvas and cloud rendering options, HDRI usage.
Delivering the project	Key considerations when sharing and submitting your project.
Next Steps	Use of the Autodesk forums, demonstration of how to share on the Autodesk Community Gallery, etc.

Day 2, 27 June

Designathon competition

You will compete with your team against other students by solving a design challenge, which can play a part in the transition towards a more sustainable future. Showcase your creativity and design skills in crafting concepts for a better world.

The competition topic will be revealed in the morning on day 2 and you will have time to research and model different solutions using the skills acquired on day 1.

Submitted design solutions will be evaluated by an expert jury based on the following criteria:

Model Integrity and Originality [40%]	Detail Level and Efficiency [30%]
Creativity and uniqueness of your design. After the competition topic is announced, you can do research and examine reference products, but your final design should be a unique solution.	How well your design fits the brief. Whether there is sufficient detail in the product modelling, and the product's capacity to meet the challenge requirements.
Aesthetics and Render Quality [30%]	
Quality and visual appearance of renders. The aesthetics of the design will be evaluated based on the quality of renders that you will be asked to create in Autodesk Fusion.	

Prizes and recognition

The top 3 teams will be recognized with a gift certificate in the value of:

- Winner: $1,500

- Second place: $1,000

- Third place: $500

We will also provide the winning teams with prize certificates that you can use to showcase your achievement.

All Designathon participants will receive certificates of participation – include these in your portfolio.

An online **Awards Ceremony** will be held on 18 July 2024 to celebrate the top participating teams in the Designathon 2024.