

Autodesk Fusion 360 Fundamentals with Introduction to 3D Printing

PHP 5,600 – Early Bird Rate

Two (2) weeks prior Training Day 1
Ex: Training Date (27-29 April), pay until 13-April

PHP 7,000 – Normal Rate

Less than two (2) weeks until Training Day 1
Ex: Training Date (27-29 April), pay from 14-April
until closing date

COURSE DURATION

Number of Hours: 24

Number of Days: 3

ABOUT THE COURSE

The course aims to introduce the students to Autodesk Fusion 360 2017 as the newest product design tool for architects and engineers. After the Fundamentals of Fusion 360, the students will be guided to the basics of 3D Printing.

WHO SHOULD ATTEND

The course is designed for new users of Autodesk Fusion 360 and users who wish to learn the basics of 3D Printing.

PREREQUISITES

A working knowledge of product design procedures and terminology.

NOTES

The indicated course length is a guideline. Topics and duration may be modified by the instructor based upon the knowledge and skill level of the participants.

3D-PRINTED DESIGN

After the course, students can print their own prototype in a discounted price.

TOPICS COVERED

Day 1 – Learning Fusion 360

Introduction

- Access your Fusion 360 account
- User Interface
- Setting Preferences
- Navigation

Working with Solids

- Creating Solid Primitives
- Modifying Solid Primitives

Sketching

- Create a 2D sketch
- Create geometry in a sketch
- Use constraints to position geometry
- Use dimensions to set the size of geometry

Sculpting

- T-Spline

Modeling

- Based on Sketches
- Based on Sculpted Body

Course description shown is designed for Autodesk Fusion 360 2017 software. Topics, curriculum, and/or prerequisites may change depending on software version.



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Manage and Collaboration

- Save versions
- Export/Import
- Access Fusion 360 data from a mobile device
- Create and manage Fusion 360 Group Projects
- Publicly share data

Day 2 – Other Useful Commands in Fusion 360

Assemblies

- Top-down design
- Joints

Rendering

- Render workspace
- Appearance Material window
- Assigning appearance materials to geometry
- Assigning appearance materials to bodies in the browser

Animating

Documenting

- Text and Dimensioning
- Drawing Views for Printing
- Creating Base View

Introduction to CAM, Simulations and 3D Printing

Day 3 – Introduction of 3D Printing

Introduction

- Overview
- Features and Benefits
- Advantages of using 3D Printing
- 3D Printing Applications

3D Printing Process

- How it Works
- Material Properties/Selection

Preparation for 3D Printing

- Creating or Choosing a 3D Model File from a 3D Drawing Software
- Pre-process: Using Meshmixer Software
- Introduction to File “Slicing”

Prior to Printing (Machine Setup)

- Specifications and Requirements
- Important Safety Informations
- Operations, Procedures and Processes

Print 3D Model

- Build the model through 3D Printing
- Removal of the 3D printed model on 3D printer bed

Post Process

Cleaning the excess parts and supports of the 3D printed model

Tips on Maintining the 3D Printer for High Quality Printing

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TERMS AND CONDITIONS

The following policy shall apply to all training engagements, Online, On-Site and Off-Site, Regular/Customized Training:

Terms of Payment: Unless otherwise specified in writing, **all fees must be fully paid before the commencement of the training course.** Otherwise, participants will not be allowed to enter the training room.

Participants are advised to send their Training Confirmation Form (TCF) with their payment made as soon as possible to avoid disappointment.

CANCELLATIONS

Training participants who wish to cancel their training must inform the Training Center and be made ten (10) business days prior to the actual start of the training.	Upon written notice is received, participant is entitled to a full refund of its payment or reschedule enrollment.
If cancellation is made less than ten (10) business days	Php1,000 will be charged to the participant to cover administration fee.
If the participant failed to send notice on the date of the training.	Participant shall not be entitled to a refund.

Cancellation notices must be submitted to mktg@stanford.cimtechnologies.com. Company is not responsible for any error in delivery of the email notice.

Stanford IT Learning reserves the right to cancel any course schedule without penalty due to unforeseen circumstances. On such cases, we shall notify all participants before the actual start of the training. On the other hand, under such circumstances that may arise, because of a default on our part or other liability, you are entitled to refund your full payment for the training.

Refund for payments will be processed within 7 to 21 days, upon receipt of a written notice.

Stanford IT Learning will not be liable for the cancellation of classes for the following emergencies (e.g. Storms, floods, earthquakes, tsunami, war, nationwide blackouts, etc)

REPLACEMENT

Student replacements are acceptable with at least three (3) days prior notice start of class with no additional payment charges, provided that replacements meets course prerequisites and is approved by Stanford IT Learning.

Any changes made by the client(s) affecting any terms and conditions stated in this proposal is subject to applicable charges.

If you require further details or clarifications, kindly contact the organizer.

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