



Autodesk Fusion 360 Winter Boot Camp

For HONGIK University

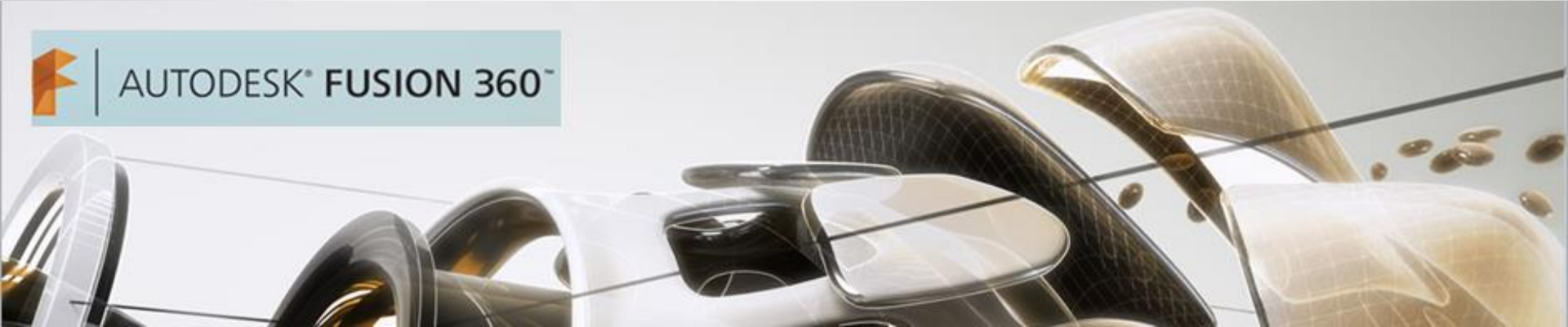
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Manager Education Korea



Winter Boot Camp overview

- Date : 5 Days (=6H * 5Days)
- Time : 30 Hours (09:00 ~ 14:00)
- Period : Jan 12 ~ Jan 16, 2015 (draft)
- Instructor : Cho, Sung Il (Autodesk Expert)
- Remark : 3D printing with Fusion 360
- Attendee : Students who want to learn
- Location : HONGIK University
- 참고사항 : Autodesk 수료증 제공



Course Objective (상세 커리큘럼)

Day 1

Basic Part Modeling



Course Overview (학습 목표)

This course is fusion 360 Boot camp who need to know fusion 360 essential interface, basic option and modeling..

Fusion 360 퓨전360의 인터페이스와 기본 옵션에 대해 알아보며, 기본 모델링에 대해서 알아본다.

-
- ▶ Intro Fusion 360
 - ▶ View Cube & Display Control
 - ▶ Create Sketch
 - ▶ Extrude & Revolve
 - ▶ Fillet & Chamfer

Course Objective (상세 커리큘럼)

Day 2

Advanced Part Modeling



Course Overview (학습 목표)

고급 피처 명령을 이용한 중급 모델링에 대해서 알아본다.

-
- ▶ Sweep & Loft
 - ▶ Hole & Thread
 - ▶ Shell & Combine
 - ▶ Pattern & Mirror
 - ▶ Construct Plane/Axis/Point

Course Objective (상세 커리큘럼)

Day 3

Patch Modeling & Forming
Modeling



Course Overview (학습 목표)

곡면 모델링과 넵스 모델링에 대해서 알아본다.

-
- ▶ Start Patch
 - ▶ Learning Create Command
 - ▶ Learning Modify Command
 - ▶ Start Foaming
 - ▶ Learning Create Command
 - ▶ Learning Modify Command
 - ▶ Learning Symmetry Command

Course Objective (상세 커리큘럼)

Day 4

Rendering & Animation
Environment



Course Overview (학습 목표)

고품질 이미지를 작성할 수 있는 렌더링 환경과 모션을 작성할 수 있는 애니메이션 환경에 대해서 알아본다.

-
- ▶ Start Rendering Environment
 - ▶ Setup Appearance & Environment
 - ▶ Control Ray Tracing
 - ▶ Capture Image
 - ▶ Start Animation
 - ▶ Control Storyboard
 - ▶ Learning Transfoam Command

Course Objective (상세 커리큘럼)

Day 5

Create Drawing &
3D Printing



Course Overview (학습 목표)

도면을 작성하는 명령과 3D 프린터에 대한 실습을 실시한다.

-
- ▶ Start Create Drawing
 - ▶ Learning Views Command
 - ▶ Learning Modify Command
 - ▶ Learning Annotation Command
 - ▶ Output Drawing
 - ▶ Learning how to Export STL File
 - ▶ Learning Slice Tool
 - ▶ Transfoam STL File to G-Code File
 - ▶ Learning 3D Print Control

Notes

- Education Managers and AAP(Autodesk Academic Partner) in Korea are will assist and going forward for HONGIK University
- Build on CREATIVE IDEAs via 3D modeling and 3D printing.
- Students who will have experience to quickly using fusion 360
- They will have a chance to be Autodesk Students Expert by successfully completing their project .



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