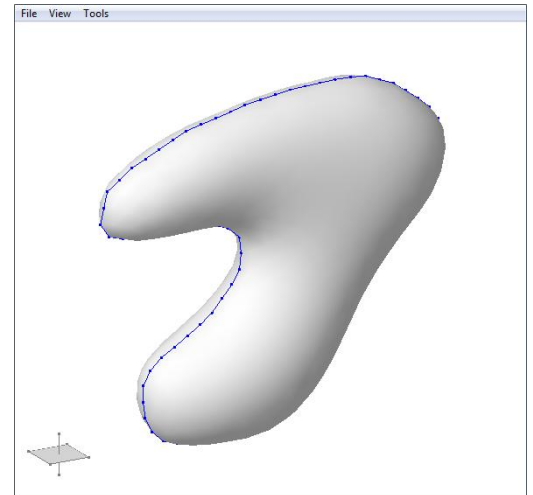# Designing Freeform Models with 3D Curves

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Supervisor: Prof. Chiew-Lan TAI

INTRODUCTION

In our Final Year Project, we implemented an efficient and easy 3D modeling system. Unlike ordinary 3D modeling systems, it is a sketch-based system, which allows the users to draw a 3D model as easily as they can on 2D canvas.

FUNCTIONALITY
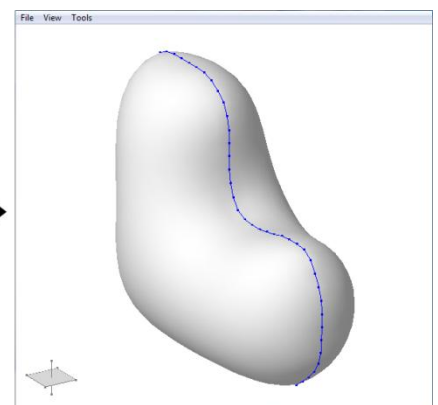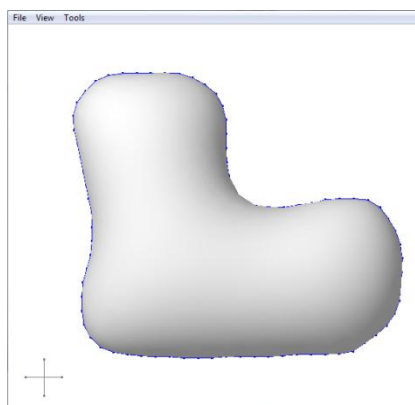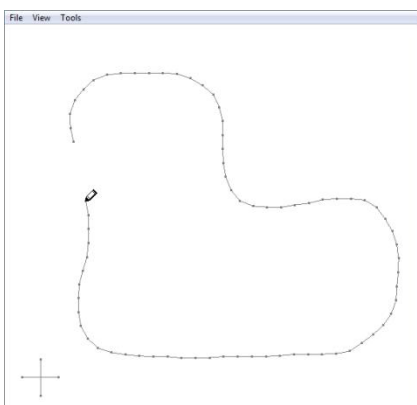
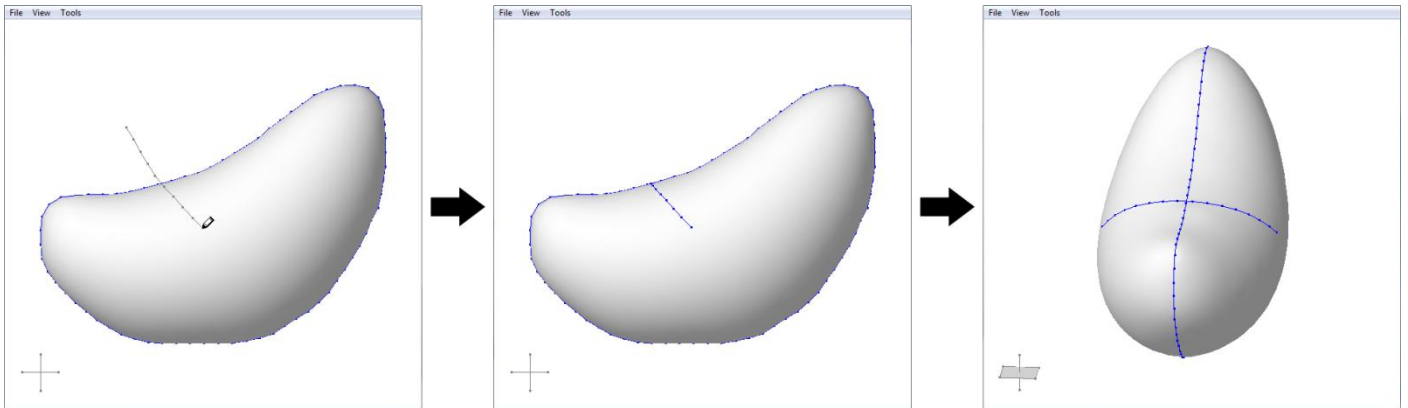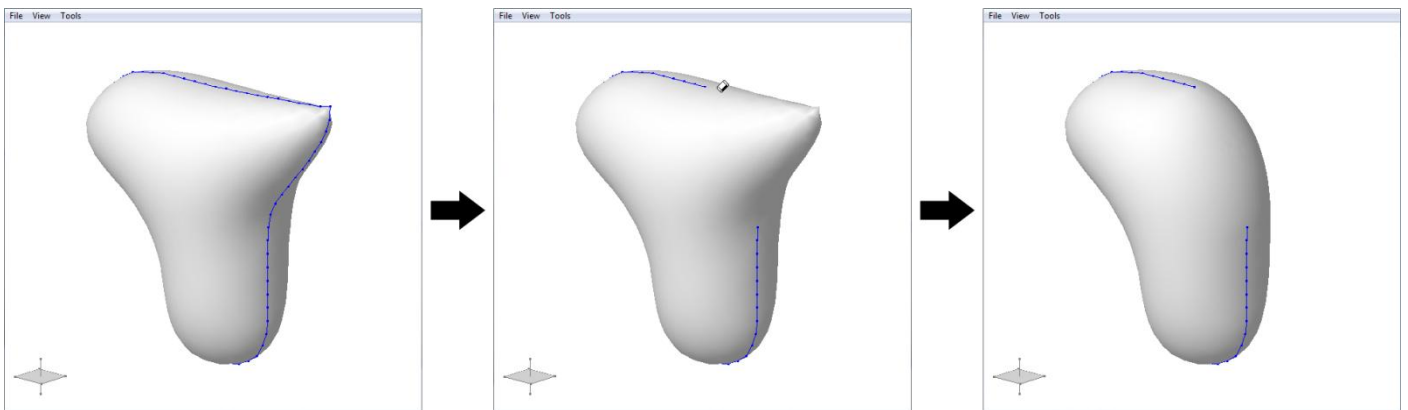| Surface Construction	Adding & Erasing Control Curves	Dragging
Cutting	Extrusion	Curve Type Changing

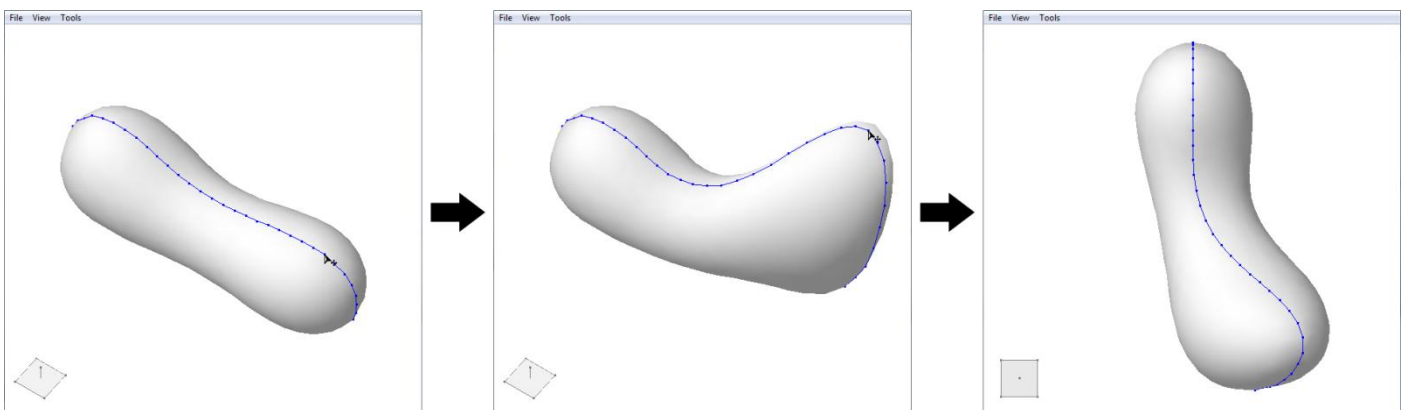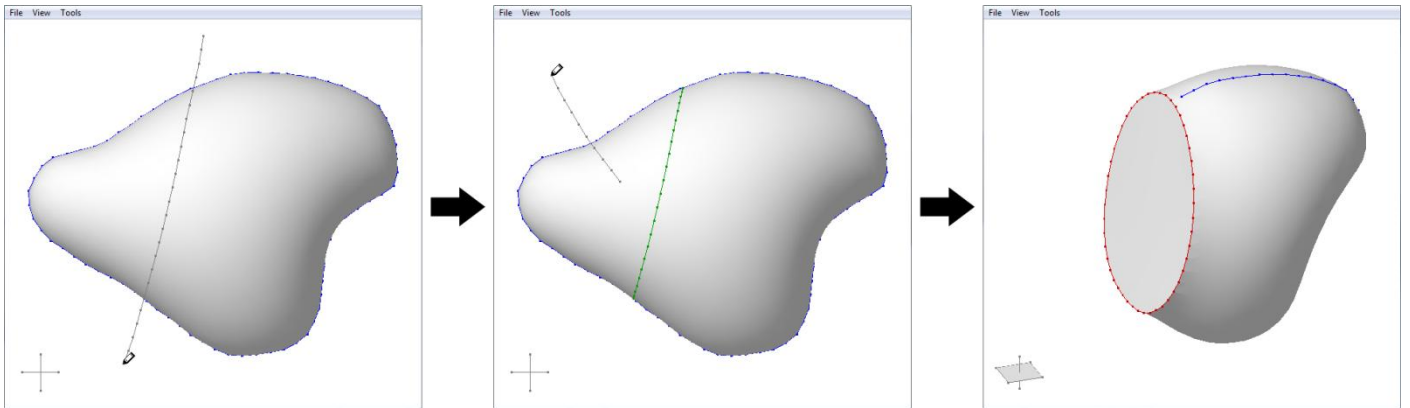## SURFACE CONSTRUCTION

ADDING CONTROL CURVES
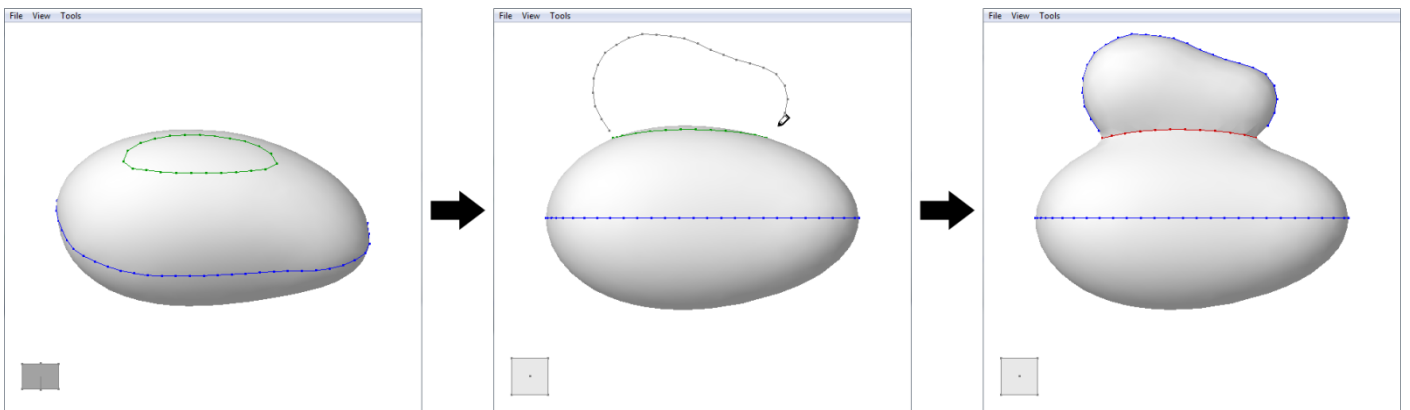

ERASING CONTROL CURVES

DRAGGING

CUTTING

EXTRUSION

CURVE TYPE CHANGING