

Class 1a:
Overview/Lab Facilities/Account Setup/Lottery

Class 1b:
3D Space - Advanced modeling
Project 1: Create a 3D model (part of an urban block)

Class 2b:
FormZ: Advanced modeling

Class 3a:
FormZ: Advanced modeling

Class 3b:
3D Studio Max: Basics

Class 4a:
3D Studio Max: Simple Animation
Project 2: Create a simple animation path

Class 4b:
Animation: Kinematics

Class 5a:
Midterm questions/answers

Class 5b:
Animation: Kinematics

Class 6a:
Animation: Inverse Kinematics

Class 6b:
Animation: Inverse Kinematics
Project 3: Create a building behavior

Class 7a:
Animations: Video Production (Premiere)

Class 7b:
Animations: Video Production/editing (Afterfx)

Class 8a:
VRML: Basics
Project 4: Create an interactive virtual building project

Class 8b:
VRML: Interaction

Class 9a:
Robotics: Sensors, motors, and batteries

Class 9b:
Robotics: Control, RCX

Class 10a:
Robotics: Feedback Systems Theory

Class 10a: Review, final exam questions/answers