

## Spring 2014 4.564/4.504 Course Schedule (Subject to Change)

<b>class 01</b> Thursday 2014.02.06	Introduction	Assignment 01: Simple Batch Script Lab (RhinoScript): text editor, point, primitive insertion
<b>class 02</b> Thursday 2014.02.13	Symbolic Expressions Types, Subtypes Abstraction, Nesting, Elaboration	Assignment 01: DUE Assignment 02: Parametric Shape Lab (RhinoScript): variable, function, Monkey debugger
<b>class 03</b> Thursday 2014.02.20	Shape Representation/Transformation Procedural vs. Declarative	Lab (RhinoScript): array, simple user interaction solid operations, surface operations, geometry transformation
<b>class 04</b> Thursday 2014.02.27	Control Structures Compositions: Graphics and Scripted	Assignment 02: DUE Assignment 03: Design by substitution - space block - Lab (RhinoScript): repetitions, conditionals, animation
<b>class 05</b> Thursday 2014.03.06	Recursion, Randomization Fractal, Bio-Mimesis	Lab (RhinoScript): recursion, random numbers, object properties
<b>class 06</b> Thursday 2014.03.13	Responding to Context Storing and Retrieving Data NURBS / UV maps	Assignment 03: DUE Assignment 04: Design by mapping (from surfaces) Lab (RhinoScript): UV coordinates, prompting, control points
Thursday 2014.03.20	<b>*** NO Class (TN on a trip) ***</b>	-----
Thursday 2014.03.27	Spring Vacation	-----
<b>class 07</b> Thursday 2014.04.03	Interactive Graphics/Interface	Assignment 04: DUE Assignment 05: interactive graphics Lab (Processing): basic syntax, interface functions
<b>class 08</b> Thursday 2014.04.10	Design with Physical Devices 1 Micro-controller basics	Assignment 05: DUE Assignment 06: Miniature Light/Mobile Device Lab (Arduino): Arduino, LED
<b>class 09</b> Thursday 2014.04.17	Design with Physical Devices 2 Sensors	Lab (Arduino + Processing): Sensors, libraries, file i/o
<b>class 10</b> Thursday 2014.04.24	Final Project: announcement Object Oriented Programming	Assignment 06: DUE Lab (Processing): class, properties, multi-thread
<b>class 11</b> Thursday 2014.05.01	Final Project Proposal: declaration of scope Augmented Reality/Deskrama	Lab (Processing): AR tool kit
<b>class 12</b> Thursday 2014.05.08	Game Engine API	Lab (UnityScript)
<b>class 13</b> Thursday 2014.05.08	<b>*** With a prior permission of instructor, a student may present final project on this day ***</b> Scripting Prototypes for Research Projects	Lab: Consulting on Final Project
<b>exam week</b> TBA 2014.05.xx	Final Presentation for late ducks (students without Design Studio reviews: MArch, SMArchS, PhD and others )	