Carrillo, Juan S.

juansc / juanscarrillo23@gmail.com

Standards Development Report

		HW 0120	CL 0127	HW 0129	HW 0217	HW 0226	HW 0319	HW 0326	HW 0416	HW 0430	So Far
1	**Represent, model, and create visual information digitally.**										
1a	…in terms of pixels and geometric primitives.			+							+
1b	…in terms of polygon meshes: vertices, edges, and faces.										
1c	…as a composition of multiple discrete objects (scenes).										
2	**Manipulate and display visual information in 2D and 3D.**										
2a	Apply transforms to 2D and 3D objects.			|							|
2b	Project 3D objects onto a 2D viewport.										
2c	Perform color and light computations.										
2d	Be familiar with established algorithms such as clipping and hidden surface removal (HSR).		+								+
3	**Use and develop computer graphics APIs in both 2D and 3D.**										
3a	Develop a library of 2D and 3D objects.			|							|
3b	Animate scenes in 2D and 3D.										
3c	Perform bit-level color manipulation.										
3d	Render a 3D scene using programmable shaders.										
4	**Follow academic and technical best practices throughout the course.**										
4a	Write syntactically correct, functional code.			+							+
4b	Use coding best practices, demonstrating principles such as DRY, proper separation of concerns, correct scoping of variables and functions, etc.			/ +							+
4c	Write code that is easily understood by programmers other than yourself.			| +							+
4d	Use available resources and documentation to find required information.	+		+							+
4e	Use version control effectively.	+		+							+
4f	Meet all designated deadlines.	+		+							+

Totals

+	8
|	2
/	0
–	0
O	0