Totals

	Outcomes	HW 0129	HW 0212	HW 0226	HW 0319	HW 0326	HW 0404	HW 0418	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).				/		0	0	0
2	Manipulate and display visual information in 2D and 3D.								
2 a	Apply transforms to 2D and 3D objects.						0	0	0
2 b	Project 3D objects onto a 2D viewport.						0		0
2c	Perform color and light computations.			/					/
2 d	Perform clipping and hidden surface removal (HSR).								
3	Use and develop computer graphics APIs in both 2D and 3D.								
3 a	Animate scenes in 2D and 3D.						0	0	0
3b	Implement 2D graphics primitives such as line segments, circles, and polygon fills.			/					/
3c	Perform bit-level color manipulation.			+					+
3d	Develop a library of geometric primitives, operations, and matrix transformations.				/	ı	0		0
3e	Render a 3D scene using programmable shaders.				1	I	0	0	0
4	Follow academic and technical best practices throughout the course.								
4a	Write syntactically correct, functional code.		/	/	_	+	0	0	0
4b	Demonstrate proper separation of concerns.		+	/	+	+	0	0	0
4c	Write code that is easily understood by programmers other than yourself.	ı	+	/	I	+	0	0	0
4d	Use available resources and documentation to find required information.	+	+	/	/	+	0	0	0
4e	Use version control effectively.		+	/			0	0	0
4f	Meet all designated deadlines.	+	+		/		_	-	/