0	Outcomes	HW 0129	HW 0212	HW 0226	HW 0319	HW 0326	HW 0404	HW 0418	HW2 0418	HW 0502	Final
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.										
2 a	Apply transforms to 2D and 3D objects.		1			1	+		+		+
2b	Project 3D objects onto a 2D viewport.					I	+				+
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.										
3a	Animate scenes in 2D and 3D.						-		+		+
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	I	/	I			I
3e	Render a 3D scene using programmable shaders.				I	I	I	I		+	+
4	Follow academic and technical best practices throughout the course.										
4a	Write syntactically correct, functional code.	+	+	+		+		+		+	+
4b	Demonstrate proper separation of concerns.	+	1		+	+	+	+		+	+
4c	Write code that is easily understood by programmers other than yourself.	+	+	ı	+	ı	+	+		+	+
4d	Use available resources and documentation to find required information.	+	+	+	+	+	+	+		+	+
4e	Use version control effectively.	+	+	+	+	I	+	+		+	+
4f	Meet all designated deadlines.	+		+	+	+	+	+		-	+

Totals
+ | 17
| 1 | 1
/ 0
- 0
O 0
A