Totals

1	Outcomes	HW 0129	HW 0212	HW 0226	HW 0319	HW 0326	HW 0404	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.							
2 a	Apply transforms to 2D and 3D objects.		I			I	+	+
2 b	Project 3D objects onto a 2D viewport.						+	+
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.							
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.				I	I	/	/
3e	Render a 3D scene using programmable shaders.				I	I	I	
4	Follow academic and technical best practices throughout the course.							
4a	Write syntactically correct, functional code.	+	+	+	I	+	1	+
4b	Demonstrate proper separation of concerns.	+			+	+	+	+
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.	+		+	+	+	+	+

Your now-recursive composite object implementation has been taken into consideration for outcomes 1c and 3d. No need to resubmit HW 0319 (as I presume you can see by how the proficiencies end up cumulatively). As for the cumulative 3d, the broken unit tests are quite significant and so that is the overriding factor.