

Learning Outcomes: VIST 441 – Scientific and Technologies Developments in Visual Arts

Relevant Careers:

- Front End Designer

Level 1 – Knowledge

- N/A

Level 2 - Comprehension

- Describe the relationships between art, science, and technology during history.
- Recite the specific developments in science and technology that impacted artistic innovations and contributions.
- Articulate the relationship between scientific and artistic theories, concepts, principles, skills, and practices.
- Present work effectively by giving a presentation to the class on one of the recent scientific developments that effect visual arts.

Level 3 - Application

- Use appropriate strategies and tools to analyze recent scientific papers related to visual arts.

Level 4 - Analysis

- Analyze positions in the evaluation of visual artworks.

Level 5 - Synthesis

- Demonstrate effective writing skills by creating a paper on one of the recent scientific developments that effect visual arts.
- Produce original and creative ideas on the relationship between art and science.

Level 6 - Evaluation

- Evaluate and analyze the effect of recent scientific developments on visual arts.
- Ask critical questions on science and art by listening actively during the class.