

Computer Art

Visual Communication and Production

SOL AI.7/CAI.7 The student will adhere to ethical choices when creating works of art and design.

AI.7.1/CAI.7.1 The student will define and practice ethical procedures when producing works of art with technology.

AI.7.2/CAI.7.2 The student will understand the ethical, cultural, and societal issues related to technology and the visual arts.

AI.7.3/CAI.7.3 The student will practice ethical and legal behaviors when using information and technology and discuss historical ramifications of misuse.

AI.7.4/CAI.7.4 The student will discuss and understand copyright laws/issues and model ethical acquisition and use of digital information, citing sources using established methods within the visual arts.

AI.7.5/CAI.7.5 The student will define and practice ethical procedures when producing works of art.

AI.7.6/CAI.7.6 The student will understand the ethical, cultural, and social issues related to technology in the arts.

AI.7.7/CAI.7.7 The student will practice ethical and legal behaviors when using information, technology, and intellectual properties.

SOL AI.8/CAI.8 The student will select and apply elements of art and principles of design to communicate meaning in works of art.

AI.8.1/CAI.8.1 The student will recognize that technology incorporates the elements of art and the principles of design.

AI.8.2/CAI.8.2 The student will demonstrate an understanding of the purpose, intent, and operation of technology in the visual arts.

SOL AI.9/CAI.9 The student will combine a variety of perspective techniques, including one-point perspective, to create the illusion of space within works of art.

AI.9.1/CAI.9.1 The student will create the illusion of space on the computer screen: size variation, [overlapping of shapes/forms, value contrast, color contrast.]

AI.9.2/CAI.9.2 The student will differentiate between foreground, middle ground, and background under LAYERS.

SOL AI.10/CAI.10 The student will use a variety of drawing media and processes to create observational and expressive works of art.

AI.10.1/CAI.10.1 The student will compare and contrast the physical drawing space / canvas and the software workspace within the digital art program.

Art History and Cultural Context

SOL AI.11/CAI.11 The student will analyze major art movements and influential artists according to events, places, cultures, and historical periods.

AI.11.1/CAI.11.1 The student will discuss and understand current changes in arts related technologies and how those changes affect culture in relation to the arts.

SOL AI.12/CAI.12 The student will identify technological developments in the visual arts.

AI.12.1/CAI.12.1 The student will identify technological developments in the visual arts.

AI.12.2/CAI.12.2 The student will identify and discuss current changes in art related technologies and explain how those changes affect and influence digital art production.

SOL AI.13/CAI.13 The student will analyze works of art as representational, abstract, or nonrepresentational, including nonobjective and conceptual.

AI.13.1/CAI.13.1 The student will classify works of art with contemporary media as representational, abstract, non-objective, and perceptual, or conceptual.

SOL AI.14/CAI.14 The student will describe how the design process is used in various careers.

AI.14.1/CAI.14.1 The student will study the art of logo design to create logo designs using computer software.

AI.14.2/CAI.14.2 The student will study the art of animation to create animated works of art using computer software.

AI.14.3/CAI.14.3 The student will study the art of illustration to create digital illustrations.

AI.14.4/CAI.14.4 The student will investigate a wide range of careers in the visual arts (traditional and contemporary).

AI.14.5/CAI.14.5 The student will study the art of typography to create digital typographical designs that reflect contrasting typographical concepts.

Analysis, Evaluation, and Critique

SOL AI.15/CAI.15 The student will use art criticism skills to interpret, analyze, and evaluate works of art.

AI.15.1/CAI.15.1 The student will describe works of art using appropriate contemporary vocabulary.

AI.15.2/CAI.15.2 The student will demonstrate the ability to support personal criteria for making visual aesthetic judgments.

SOL AI.16/CAI.16 The student will evaluate how social, cultural, and historical context contribute to meaning in works of art and design.

AI.16.1/CAI.16.1 The student will identify and discuss symbols in works of art.

SOL AI.17/CAI.17 The student will analyze how media and visual organization in works of art affect the communication of ideas.

AI.17.1/CAI.17.1 The student will describe the role of Visual Culture in influencing preference, perception, and communication.

SOL AI.18/CAI.18 The student will develop constructive approaches to critique (formative, peer-to-peer, self-reflective, summative) that are supportive in intent and that offer alternative points of view.

AI.18.1/CAI.18.1 The student will employ critical evaluation skills and use appropriate contemporary vocabulary when evaluating and interpreting works of art.

Aesthetics

SOL AI.19/CAI.19 The student will articulate the difference between personal preference and informed judgment when discussing works of art.

AI.19.1/CAI.19.1 The student will differentiate between personal preference and informed judgment when discussing contemporary works of art.

SOL AI.20/CAI.20 The student will describe aesthetic qualities found in works of art.

AI.20.1/CAI.20.1 The student will develop a visual language to build technologically driven literacy.

AI.20.2/CAI.20.2 The student will study and describe the contemporary aesthetic properties found in works of art.

SOL AI.21/CAI.21 The student will analyze the functions, purposes, and perceived meanings of works of design.

AI.21.1/CAI.21.1 The student will describe the function, purpose, and perceived meanings of specific works of art.

AI.21.2/CAI.21.2 The student will speculate on the intentions and choices of those who created a work of art.

SOL AI.22/CAI.22 The student will formulate a definition for art and defend that definition in relation to objects in the world.

SOL AI.23/CAI.23 The student will use personal criteria when making visual aesthetic judgments.

AI.23.1/CAI.23.1 The student will use established contemporary criteria to participate in critiques.