

## **Scope and Sequence**

<b>Unit #/Title</b>	<b># of Days</b>
Unit 1: Introduction to Computer Art	5 Days
Unit 2: Introduction to Illustrator	10 Days
Unit 3: Concept to Execution	15 Days
Unit 4: Introduction to Photoshop	10 Days
Unit 5: Intermediate Photoshop	10 Days
Unit 6: Digital Painting	10 Days
Unit 7: Introduction to InDesign	15 Days
Unit 8: Communicating with InDesign	15 Days
Total Number of Days	90 Days

**BRIDGETON PUBLIC SCHOOLS**  
**COMPUTER ART**  
**PACING CHART/CURRICULUM MAP**

Course: Computer Art I

Unit I: Introduction to Computer Art

Essential Question: What characteristics enable a student to be successful in a classroom setting?

<b>TIMELINE</b>	<b>NJCCCS</b>	<b>SKILLS/ CONTENT OBJECTIVES</b>	<b>TEACHER'S GUIDE/SUPPLEMENTAL MATERIALS</b>	<b>ASSESSMENTS</b>
<b>1 day</b>	1.2.12.A.2 1.4.12.A.1 1.4.12.B.3	Lesson 1: Introduction to the Classroom and Requirements  <b>Objective(s): SWBAT</b> <ul style="list-style-type: none"> <li>● Acclimate to the classroom environment.</li> <li>● Understand what Computer Art is.</li> </ul>	<ul style="list-style-type: none"> <li>● Course Syllabus</li> <li>● Student Handout</li> <li>● Parent Class Introduction Packet</li> </ul>	Teacher Developed Quiz Instant Feedback Peer Review
<b>4 days</b>	1.1.12.D.1 1.3.12.D.1 1.4.12.B.2	Lesson 2: Introduction to Hardware and Software  <b>Objective(s): SWBAT</b> <ul style="list-style-type: none"> <li>● Gain knowledge of Adobe Photoshop.</li> <li>● Gain knowledge of Mac computers.</li> <li>● Gain knowledge of Adobe Illustrator.</li> <li>● Gain knowledge of Adobe InDesign.</li> </ul>	<ul style="list-style-type: none"> <li>● Photoshop Reference Sheet</li> <li>● Illustrator Reference Sheet</li> <li>● InDesign Reference Sheet</li> <li>● OS X Reference Sheet</li> <li>● Hardware Reference Sheet</li> <li>● Rubric</li> </ul>	Teacher Developed Quiz Instant Feedback Group Discussion

TIMELINE	NJCCCS	SKILLS/ CONTENT OBJECTIVES	TEACHER'S GUIDE/SUPPLEMENTAL MATERIALS	ASSESSMENTS
4 days	1.1.12.D.1 1.3.12.D.1 1.3.12.D.4	<p>Lesson 3: Elements of Art Overview</p> <p><b>Objective(s): SWBAT</b></p> <ul style="list-style-type: none"> <li>Understand the Elements of Art.</li> <li>Apply knowledge of the Elements of Art to their project.</li> <li>Complete Unit Project.</li> </ul>	<ul style="list-style-type: none"> <li>Illustrator Cheat sheet</li> <li>Elements of Design Digital Work sheet</li> <li>Elements of Design Posters</li> <li>Rubric</li> </ul>	Teacher Developed Quiz. Feed Back from Worksheets Group Discussion
1 day	1.2.12.A.2 1.4.12.B.3	<p>Lesson 4: Rules of Copyrights</p> <p><b>Objective(s): SWBAT</b></p> <ul style="list-style-type: none"> <li>Understand the Rules of Copyright.</li> <li>Apply knowledge of the rules of copyright to their work.</li> <li>Complete Unit Research on Image Sharing on the internet.</li> </ul>	<ul style="list-style-type: none"> <li>Rules of Copyright poster</li> <li>Internet Access to Image sharing sites.</li> </ul>	Teacher Developed Quiz. Group Discussion

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**Course:** Computer Art I

**Unit II:** Introduction to Illustrator

**Essential Question:** What are the tools and knowledge that students need to create art in Adobe Illustrator?

<b>TIMELINE</b>	<b>NJCCCS</b>	<b>SKILLS/ CONTENT OBJECTIVES</b>	<b>TEACHER'S GUIDE/SUPPLEMENTAL MATERIALS</b>	<b>ASSESSMENTS</b>
<b>4 days</b>	1.2.12.A.2 1.3.12.D.2 1.4.12.B.2 1.4.12.B.3	<p><b>Lesson 1: Introduction to the Tool Bar</b></p> <p><b>Objective(s): SWBAT</b></p> <ul style="list-style-type: none"> <li>● Understand the use of the drawing tools in Illustrator.</li> <li>● Apply the knowledge gained of Adobe Illustrator to a Project.</li> </ul>	<ul style="list-style-type: none"> <li>● Illustrator Cheat sheet</li> <li>● Illustrator Packet</li> <li>● Illustrator CS Essential Training <a href="http://movielibrary.lynda.com/html/modPage.asp?ID=97">http://movielibrary.lynda.com/html/modPage.asp?ID=97</a></li> </ul>	Teacher Developed Quiz Instant Feedback Group Discussion
<b>1 day</b>	1.2.12.A.2 1.3.12.D.2 1.4.12.B.2 1.4.12.B.3	<p><b>Lesson 2: Introduction to the Menu Items</b></p> <p><b>Objective(s): SWBAT</b></p> <ul style="list-style-type: none"> <li>● Gain a basic knowledge of the Menu Items in Adobe Illustrator.</li> <li>● Find the tool pallets with more advanced tool options.</li> </ul>	<ul style="list-style-type: none"> <li>● Illustrator Cheat Sheet</li> <li>● OS X Cheat Sheet</li> <li>● Hardware Cheat Sheet</li> </ul>	Teacher Developed Quiz Instant Feedback Group Discussion

TIMELINE	NJCCCS	SKILLS/ CONTENT OBJECTIVES	TEACHER'S GUIDE/SUPPLEMENTAL MATERIALS	ASSESSMENTS
4 days	1.1.12.D.1 1.3.12.D.1 1.3.12.D.4	<b>Lesson 3: Elements of Art Overview</b>  <b>Objective(s): SWBAT</b> <ul style="list-style-type: none"> <li>● Understand the Elements of Art.</li> <li>● Apply knowledge of the Elements of Art to their project.</li> <li>● Complete Unit Project.</li> </ul>	<ul style="list-style-type: none"> <li>● Illustrator Cheat sheet</li> <li>● Elements of Design Digital Work sheet</li> <li>● Elements of Design Posters</li> <li>● Rubric</li> </ul>	Teacher Developed Quiz. Feed Back from Worksheets Group Discussion
1 day	1.2.12.A.2 1.4.12.B.3	<b>Lesson 4: Rules of Copyrights</b>  <b>Objective(s): SWBAT</b> <ul style="list-style-type: none"> <li>● Understand the Rules of Copyright.</li> <li>● Apply knowledge of the rules of copyright to their work.</li> <li>● Complete Unit Research on Image Sharing on the internet.</li> </ul>	<ul style="list-style-type: none"> <li>● Rules of Copyright poster</li> <li>● Internet Access to Image sharing sites.</li> </ul>	Teacher Developed Quiz. Group Discussion

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Course: Computer Art I

Unit III: Concept to Execution

Essential Question: How is an idea taken from concept to execution?

<b>TIMELINE</b>	<b>NJCCCS</b>	<b>SKILLS/ CONTENT OBJECTIVES</b>	<b>TEACHER'S GUIDE/SUPPLEMENTAL MATERIALS</b>	<b>ASSESSMENTS</b>
<b>5 days</b>	1.1.12.D.1 1.3.12.D.1 1.3.12.D.2 1.3.12.D.4 1.4.12.B.1	<b>Lesson 1: Introduction to The Principles of Design</b>  <b>Objective(s): SWBAT</b> <ul style="list-style-type: none"> <li>● List the Principles of Design.</li> <li>● Explain the Principles of Design</li> <li>● Apply the Principles of Design as they work on their Poster Project</li> </ul>	<ul style="list-style-type: none"> <li>● Principles of Design digital worksheet</li> <li>● Principles of Design Posters</li> <li>● Principles of Design PowerPoint</li> </ul>	Teacher Developed Quiz Instant Feedback Group Discussion Rubric
<b>5 day</b>	1.1.12.D.1 1.3.12.D.1 1.3.12.D.2 1.4.12.B.1	<b>Lesson 2: Conceptualizing</b>  <b>Objective(s): SWBAT</b> <ul style="list-style-type: none"> <li>● Understand different way of using a sketchbook.</li> <li>● Experiment with different types of sketchbooks.</li> <li>● Continue working on their unit project</li> </ul>	<ul style="list-style-type: none"> <li>● Illustrator Reference Sheet</li> <li>● OS X Cheat Sheet</li> <li>● Hardware Reference Sheet</li> </ul>	Teacher Developed Quiz Instant Feedback Group Discussion Rubric

TIMELINE	NJCCCS	SKILLS/ CONTENT OBJECTIVES	TEACHER'S GUIDE/SUPPLEMENTAL MATERIALS	ASSESSMENTS
5 days	1.1.12.D.1 1.3.12.D.1 1.3.12.D.4 1.3.12.D.5 1.4.12.A.4 1.4.12.B.2	<b>Lesson 3: Intermediate Illustrator Functions</b>  <b>Objective(s): SWBAT</b> <ul style="list-style-type: none"> <li>● List the intermediate Illustrator functions.</li> <li>● Paraphrase the intermediate Illustrator functions in one paragraph.</li> <li>● Apply the intermediate Illustrator functions in their project.</li> </ul>	<ul style="list-style-type: none"> <li>● Illustrator Reference sheet</li> <li>● Adobe Illustrator User Guide</li> </ul>	Teacher Developed Quiz Feed Back from Worksheets Group Discussion Rubric

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Course: Computer Art I

Unit IV: Introduction to Photoshop

Essential Question: What is photo manipulation and how is it created?

TIMELINE	NJCCCS	SKILLS/ CONTENT OBJECTIVES:	TEACHER'S GUIDE/SUPPLEMENTAL MATERIALS	ASSESSMENTS
4 days	1.1.12.D.2 1.2.12.A.1 1.3.12.D.1 1.3.12.D.5	<p><b>Lesson 1: Introduction to Photoshop</b></p> <p><b>Objective(s): SWBAT</b></p> <ul style="list-style-type: none"> <li>● Gain basic understanding of Adobe Photoshop by following the mini-lessons.</li> <li>● Show comprehension of the Software by making a statement on how the tools work in Photoshop.</li> <li>● Apply the understanding by working on their Project.</li> </ul>	<ul style="list-style-type: none"> <li>● Photoshop Reference Sheet</li> <li>● Photoshop users guide</li> <li>● Adobe.com</li> </ul>	<p>Teacher Developed Quiz Instant Feedback Group Discussion Project-Rubric</p>
2 days	1.1.12.D.2 1.2.12.A.1 1.3.12.D.1 1.3.12.D.5	<p><b>Lesson 2: Digital Photography</b></p> <p><b>Objective(s): SWBAT</b></p> <ul style="list-style-type: none"> <li>● Gain a basic knowledge of working with a digital camera by listening for directions and following the teacher's demonstration.</li> <li>● Apply the knowledge of working with the digital camera by taking photos and adding them to their project..</li> </ul>	<ul style="list-style-type: none"> <li>● Digital Camera Manuals</li> <li>● Bridge</li> <li>● Basic Photography Layout Handout</li> </ul>	<p>Teacher Developed Quiz Instant Feedback Group Discussion</p>



TIMELINE	NJCCCS	SKILLS/CONTENT OBJECTIVES: Students will be able to	TEACHER'S GUIDE/SUPPLEMENTAL MATERIALS	ASSESSMENTS
4 days	1.1.12.D.1 1.2.12.A.2 1.3.12.D.1 1.4.12.A.1 1.4.12.A.2 1.4.12.A.3 1.4.12.B.1 1.4.12.B.2 1.4.12.B.3	<b>Lesson 3: Photo Manipulation</b>  <b>Objective(s): SWBAT</b> <ul style="list-style-type: none"> <li>● Paraphrase the definition of photo manipulation.</li> <li>● Apply the concept of photo manipulation by adding photographs and changing them in some form for their project.</li> <li>● Critic a work of art by a professional artist who uses Photo Manipulation.</li> <li>● Recall pertinent information in the computer programs Illustrator and Photoshop.</li> </ul>	<ul style="list-style-type: none"> <li>● Photoshop Reference Sheet</li> <li>● Photo Manipulation handout</li> <li>● Study Guide Sheet</li> </ul>	Teacher Developed Quiz Feed Back from Worksheets Group Discussion Rubric Midterm Exam

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Course: Computer Art I

Unit V: Intermediate Photoshop

Essential Question: What is photo restoration and how is it done?

TIMELINE	NJCCCS	SKILLS/ CONTENT OBJECTIVES:	TEACHER'S GUIDE/SUPPLEMENTAL MATERIALS	ASSESSMENTS
3 days	1.1.12.D.1 1.2.12.A.1 1.3.12.D.4 1.3.12.D.5	<p><b>Lesson 1: Intermediate Photoshop</b></p> <p><b>Objective(s): SWBAT</b></p> <ul style="list-style-type: none"> <li>● Gain a intermediate understanding of Adobe Photoshop by following the mini-lessons.</li> <li>● Show by teaching peers how to use the software.</li> <li>● Apply the understanding by working on the Group Project.</li> </ul>	<ul style="list-style-type: none"> <li>● Photoshop Reference Sheet</li> <li>● Photoshop users guide</li> <li>● Adobe.com</li> </ul>	<p>Teacher Developed Quiz</p> <p>Instant Feedback</p> <p>Group Discussion</p> <p>Rubric</p>
3 days	1.1.12.A.1 1.2.12.A.2 1.3.12.D.5	<p><b>Lesson 2: Photography</b></p> <p><b>Objective(s): SWBAT</b></p> <ul style="list-style-type: none"> <li>● Gain a basic knowledge of the history of photography and how it impacted the role of the artist by participating in a class webhunt and a presentation by the teacher.</li> <li>● Apply the knowledge of photography by emulating a photographer and writing a report.</li> </ul>	<ul style="list-style-type: none"> <li>● Digital Camera</li> <li>● Bridge</li> <li>● Photography And Art Handout</li> </ul>	<p>Teacher Developed Quiz</p> <p>Instant Feedback</p> <p>Group Discussion</p> <p>Rubric</p>

TIMELINE	NJCCCS	SKILLS/ CONTENT OBJECTIVES:	TEACHER'S GUIDE/SUPPLEMENTAL MATERIALS	ASSESSMENTS
4 days	1.2.12.A.2 1.4.12.A.1 1.4.12.A.2 1.4.12.A.3 1.4.12.B.1 1.4.12.B.2 1.4.12.B.3	<b>Lesson 3: Photo Restoration</b>  <b>Objective(s): SWBAT</b> <ul style="list-style-type: none"> <li>● Paraphrase the definition of photo restoration.</li> <li>● Apply the concept of photo restoration by participating in the Client Project.</li> <li>● Critic a restoration done by a classmate.</li> </ul>	<ul style="list-style-type: none"> <li>● Photoshop Reference Sheet</li> <li>● Photo Restoration handout</li> </ul>	Teacher Developed Quiz Feed Back from Worksheets Group Discussion Rubric

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Course: Computer Art I

Unit VI: Digital Painting

Essential Question: What is digital Painting and how is it done?

<b>TIMELINE</b>	<b>NJCCCS</b>	<b>SKILLS/CONTENT OBJECTIVES:</b>	<b>TEACHER'S GUIDE/SUPPLEMENTAL MATERIALS</b>	<b>ASSESSMENTS</b>
3 days	1.3.12.D.1 1.3.12.D.2 1.3.12.D.4 1.3.12.D.5	<p><b>Lesson 1: Intermediate Photoshop</b></p> <p><b>Objective(s): SWBAT</b></p> <ul style="list-style-type: none"> <li>● Gain a intermediate understanding of Adobe Photoshop by following the mini-lessons.</li> <li>● Show understanding by teaching peers how to use the software.</li> <li>● Apply the understanding by working on the Group Project.</li> </ul>	<ul style="list-style-type: none"> <li>● Photoshop Reference Sheet</li> <li>● Photoshop users guide</li> <li>● Adobe.com</li> <li>● Rubric</li> </ul>	<p>Teacher Developed Quiz</p> <p>Instant Feedback</p> <p>Group Discussion</p>
3 days	1.3.12.D.1 1.3.12.D.2 1.3.12.D.4 1.3.12.D.5	<p><b>Lesson 2: The Digital Painter</b></p> <p><b>Objective(s): SWBAT</b></p> <ul style="list-style-type: none"> <li>● Gain a basic knowledge of digital Painting. Understand how digital Painting has impacted the role of the artist by participating in a class digital field trip and a presentation.</li> <li>● Apply the knowledge of digital comparing digital painting to oil painting.</li> </ul>	<ul style="list-style-type: none"> <li>● The Digital Painter Handout</li> <li>● Rubric</li> </ul>	<p>Teacher Developed Quiz</p> <p>Instant Feedback</p> <p>Group Discussion</p>

AELINE	NJCCCS	SKILLS/ CONTENT OBJECTIVES:	TEACHER'S GUIDE/SUPPLEMENTAL MATERIALS	ASSESSMENTS
4 days	1.3.12.D.5 1.4.12.B.1 1.4.12.B.2 1.4.12.B.3	<b>Lesson 3: Digital Painting</b>  <b>Objective(s): SWBAT</b> <ul style="list-style-type: none"> <li>● Paraphrase the definition of Digital Painting.</li> <li>● Apply the concept of digital painting by creating a digital painting using Photoshop.</li> <li>● Critic a Painting Done digitally by an Artist working in the field</li> </ul>	<ul style="list-style-type: none"> <li>● Photoshop Reference Sheet</li> <li>● How to Paint with Pixels Handout</li> <li>● Rubric</li> </ul>	Teacher Developed Quiz Feed Back from Worksheets Group Discussion

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Course: Computer Art I

Unit VII: Introduction to InDesign

Essential Question: How do we communicate through images and text?

<b>TIMELINE</b>	<b>NJCCCS</b>	<b>SKILLS/CONTENT OBJECTIVES:</b>	<b>TEACHER'S GUIDE/SUPPLEMENTAL MATERIALS</b>	<b>ASSESSMENTS</b>
<b>5 days</b>	1.1.12.D.1 1.3.12.D.2	<p><b>Lesson 1: Introduction to InDesign</b></p> <p><b>Objective(s): SWBAT</b></p> <ul style="list-style-type: none"> <li>● Gain a basic understanding of Adobe InDesign by following the mini-lessons.</li> <li>● Show by teaching peers how to use the software.</li> <li>● Apply the understanding by working on the Group Project.</li> </ul>	<ul style="list-style-type: none"> <li>● InDesign Reference Sheet</li> <li>● Photoshop Reference Sheet</li> <li>● Illustrator Reference Sheet</li> <li>● InDesign user guide</li> <li>● Photoshop user guide</li> <li>● Illustrator user guide</li> <li>● Adobe.com</li> </ul>	<p>Teacher Developed Quiz</p> <p>Instant Feedback</p> <p>Group Discussion</p> <p>Rubric</p>
<b>5 days</b>	1.1.12.D.1 1.2.12.A.1 1.2.12.A.2 1.3.12.D.2	<p><b>Lesson 2: The Graphic Designer</b></p> <p><b>Objective(s): SWBAT</b></p> <ul style="list-style-type: none"> <li>● Gain a basic knowledge of what the role of a Graphic Designer is by participating in a digital field trip.</li> <li>● Apply the knowledge of what a Graphic Designer does by comparing the role to that of a fine artist.</li> </ul>	<ul style="list-style-type: none"> <li>● The Graphic Designer Handout</li> <li>● The Typesetting Handout</li> <li>● The Layout Handout</li> <li>● The Hierarchy Handout</li> </ul>	<p>Teacher Developed Quiz</p> <p>Instant Feedback</p> <p>Group Discussion</p>

TIMELINE	NJCCCS	SKILLS/ CONTENT OBJECTIVES:	TEACHER'S GUIDE/SUPPLEMENTAL MATERIALS	ASSESSMENTS
5 days	1.1.12.D.2 1.3.12.D.1 1.3.12.D.2 1.4.12.B.2	<b>Lesson 3: Layout, Fonts, and Images</b>  <b>Objective(s): SWBAT</b> <ul style="list-style-type: none"> <li>● Paraphrase the definition of Graphic Design.</li> <li>● Apply the knowledge of Layout, Font, and images by creating a single page layout for a client.</li> <li>● Critic layouts done by professional graphic designers.</li> </ul>	<ul style="list-style-type: none"> <li>● The Typesetting Handout</li> <li>● The Layout Handout</li> <li>● The Hierarchy Handout</li> </ul>	Teacher Developed Quiz Feed Back from Worksheets Group Discussion Rubric

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Course: Computer Art I

Unit VIII: Communicating with InDesign

Essential Question: How can Graphic Design be used to create packaging and marketing tools?

<b>TIMELINE</b>	<b>NJCCCS</b>	<b>SKILLS/CONTENT OBJECTIVES:</b>	<b>TEACHER'S GUIDE/SUPPLEMENTAL MATERIALS</b>	<b>ASSESSMENTS</b>
<b>5 days</b>	1.1.12.D.1 1.3.12.D.1 1.3.12.D.2	<p><b>Lesson 1: Intermediate InDesign</b></p> <p><b>Objective(s): SWBAT</b></p> <ul style="list-style-type: none"> <li>• Gain an intermediate understanding of Adobe InDesign by following the mini-lessons.</li> <li>• Show that they have learned by teaching peers how to use the software.</li> <li>• Apply the understanding by working on the Group Project.</li> </ul>	<ul style="list-style-type: none"> <li>• InDesign Reference Sheet</li> <li>• Photoshop Reference Sheet</li> <li>• Illustrator Reference Sheet</li> <li>• InDesign user guide</li> <li>• Photoshop user guide</li> <li>• Illustrator user guide</li> <li>• Adobe.com</li> </ul>	<p>Teacher Developed Quiz</p> <p>Instant Feedback</p> <p>Group Discussion</p> <p>Rubric</p>
<b>5 days</b>	1.1.12.D.1 1.3.12.D.1 1.3.12.D.2	<p><b>Lesson 2: Principles of Design</b></p> <p><b>Objective(s): SWBAT</b></p> <ul style="list-style-type: none"> <li>• Review the basics of the Principles of Design. Reinforce them through practice.</li> <li>• Apply the knowledge of the principles of Design to the class project.</li> </ul>	<ul style="list-style-type: none"> <li>• The Principles of Design</li> </ul>	<p>Teacher Developed Quiz</p> <p>Instant Feedback</p> <p>Group Discussion</p>



TIMELINE	NJCCCS	SKILLS/ CONTENT OBJECTIVES:	TEACHER'S GUIDE/SUPPLEMENTAL MATERIALS	ASSESSMENTS
5 days	1.3.12.D.4 1.3.12.D.1	<p>Lesson 3: The Client</p> <p>Objective(s): SWBAT</p> <ul style="list-style-type: none"> <li>● Learn what the relationship between a client and service provider is.</li> <li>● Work with the client to create material to specific parameters agreed upon by the Client and Design Teams.</li> <li>● Complete work by the deadline, Learn Time management skills.</li> </ul>	<ul style="list-style-type: none"> <li>● Work Flow Handout</li> </ul>	<p>Teacher Developed Quiz</p> <p>Feed Back from Worksheets</p> <p>Group Discussion</p>