Computer GRAPHICS

The Computer Graphics program/ class offered by Bolsa Grande High School (BGHS) @ STUDIO 409 is a collaboration between the art, business concepts, and marketing. The class covers typography, design/ layout, photography, drawing & illustration, motion graphic design (if we have time for an animated Gif), and marketing (such as, shirt designs, flyers, posters, etc.). Students also gain a base skills of the design software while satisfying their interest in technology & the world of computers. This knowledge and wide range of abilities will make you ready for future engaging, educational/ career presentations or make you an enticing candidate for ASB, Clubs such as Men's League, Yearbook and possibly future prospective employers.

Graphic Design uses a range of traditional media along with computerized design programs and equipment; from the Mac computer to drawing tablets. Students develop a strong base of knowledge regarding design principles and the skills that bring design to life.

Bolsa Graphic Designers will have the opportunity to create amazing works as an individual artist and within a team production pipeline(s).

Assignments will illustrate a wide range of basic skills including design, composing, editing, effects, graphics, lighting/ rendering, layout/ composition, color theory, team-work, business concepts/ skills, and much more. The Computer Graphics knowledge concentrations/ assignments in this class are:

- Intro to STUDIO 409 and ‘Beginning of the Year’ set-up
  - Survey
  - Syllabus
  - Assignment Outline / Curriculum (Warning: liable to change in arrangement or assignment)
  - "Hot Minute" 411 .. of CA State Standards for the Visual & Performing Arts

Content is subject to change
Assignments may be changed or be re-arranged

- Seating Chart
- How to Name / SAVE your Files in GOOGLE CLASSROOM
  - Assignment’s NAME - Your FULL name - period

• Intro to Adobe Illustrator, Ai
  - Open the MAC Computer … Mac Vs PC
  - Playing w Illustrator - Trying to draw/ type
  - Intro to Illustrator - “The tour” - from teacher & Video
  - Tool exercises with DragoArt.com
    - Benito Exer / Teacher Demo
      • Shapes

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- Basic CITY Skyline Silhouette
- Basic CITY Skyline Silhouette - Layers, that shows depth
- Pathfinder UNITE, Align, Appearance
- QUIZ on basic Tools

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- **Bazinga!**
  - Create your own (that is school appropriate)
  - Replace with Your Name (Maybe for your website banner)

- **Create a Website Portfolio (Finals) - Wixs.com (or any other)**
  - Place you 3 best exercises
  - and Bazinga! ... and your own
  - Add Captions

- **LoGO Time**
  - Book Exercises -
    - Berry
    - Hole in One Restaurant

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Linda’s Starburst Cafe
- 5 Thumbnails in color
- Small group Critique / teacher Critique

- Once ONE design is OK’d - design on Illustrator
- 15 pts.

1. “Intro to Color Theory” by Karen Kavett/ youtube video
   - https://www.youtube.com/watch?v=059-0wrJpAU
- Wksts. - need color pencils
- Color Wheel

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2. **Intro to CMYK & Printing by Karen Kavett / youtube video**
   - [https://www.youtube.com/watch?v=8cOZv4AF4pc](https://www.youtube.com/watch?v=8cOZv4AF4pc)
   - Watch the print press in action
   - **VOCAB MATRIX** -
     - 3 columns: Vocab word/ Definition/ Image example(S)
     - VOCAB: RGB, CMYK, Halftone, Bleed area, Trim line, Die Cut, DPI, Resolution, plain black VS. RICH black, SPOT colors, Pantone colors (Standard - across the country, etc), .... File TYPES: Vector VS. Raster,
     - Question: Before you send your file to the printer's, WHy do you “create outlines” and “expand” your type (font)?
   - Just “411” ... passing it on ...
     - 4 Color Process PRINT - inking your design on shirts
       - [https://www.youtube.com/watch?v=4AThDbT9oKQ](https://www.youtube.com/watch?v=4AThDbT9oKQ)
       - How to start your own T-shirt business
       - [https://www.youtube.com/watch?v=YP237haGzW0](https://www.youtube.com/watch?v=YP237haGzW0)
       - How I started my business selling T-shirts online
         - [https://www.youtube.com/watch?v=ZJGzEeDXbyM](https://www.youtube.com/watch?v=ZJGzEeDXbyM)
       - How To Start A Clothing Line With Less Than 50 Dollars
         - [https://www.youtube.com/watch?v=RgApFS83pT8](https://www.youtube.com/watch?v=RgApFS83pT8)

3. **Intro to Typography** - Karen Kavett’s Video
   - Example of Vocab PPT
   - Vocab ppt exercise
   - Kahoots OR written QUIZ
   - **Your Logo Project**
     - Intro to the WORLD of Logos
       - Google Search
         - Rich car/ Designers, etc VS Fun VS Discounted Stores
       - How Logos are CREATED - wkst packet
       - QUESTIONS to Brainstorm the types of Logo you what to make
       - Thumbnail sketches - 5 Color & 5 B/W
         - Scan or Photograph - for tracing purposes
       - Create YOUR LOGO BRANDING Campaign - on 1 file (11x14”)

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- Business Card
- Website banner
- Stationary / Envelope

- Intro to DESIGN (Class Shirt)
  - DESIGN a Class Shirt
    - 4-5 Thumbnails of a **ONE color** (Spot Color) …

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- Small group CRITIQUE w lead / teacher
  - We’ll check out your designs and pick fav to design in AI
- Hand in to Google Classroom and
  - We’ll VOTE for our FAV

- DESIGN a Class Shirt for the Superintendent of GGUSD
  - Mentee Shirt design
    - Superintendent: Dr. G Mafi’s - 7-8th grader … help them with future opportunities
      - Thumbnails
      - Design on software
      - Hand in to Google Classroom
      - Rubic - 25 pts.

- MORE Illustration

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- **Giant Pokemon Olympics (Races) PROJECT**
  - Create our Olympic **Background**
    - Spike Says
  - Draw your own Creature from the:
    - Teacher Demo we do together: “Hot 5-10 minute Tutorial” - Pokemon
    - Practice drawing 1-2 creatures … on the computer with a tablet
      - MORPHING - motivated to blend different creatures together
    - Draw it out on paper / scan or photograph (to trace on software later
    - DragoArt.com (step-by-step how to draw)
      - Pokemon (for inspiration)
        - Example - Arceus
    - [http://www.dragoart.com/tuts/2759/1/1/how-to-draw-arceus-from-pokemon.htm](http://www.dragoart.com/tuts/2759/1/1/how-to-draw-arceus-from-pokemon.htm)
      - Dinosaur
      - Dragon
      - Etc. (ask teacher if this will be successful for you)
    - Layers (lay the 2 creatures over each other) in the software. Create a new layer on top
  - Finished with your NEW creature... Place it on it’s own layer on top of Olympic Background
    - Save as ONE file a jpg & ai - Hand-in to Google Classroom (Name assignment correctly)
  - Rubric - Total 50pts
    - Background 25pts
    - Your NEW Creature 25pts
    - Neg points for not saving correctly

- **MORE Illustrating (If we have time)**
  - “ESCAPED” project -- Draw an Animal Profile w/ a City Background

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- Animal should VERY LARGE, compared to the city background
- If you draw a Giraffe, it will probably be displayed on the bookstore wall with your name on it … = )
- Hand in to Google Classroom & Rubric - 25 pts

- FALL FINAL - Student Planner Cover
  - Learning Layout
    - INTRO to Basic Composition Rules
    - INTRO to PHOTOgraphy - Camera Angles/ Shots
      - 10 pts
  - Create 2 covers based:
    - Illustration of Matador - 25 pts
    - Typography - 25 pts
  - Bolsa Graphic Designers Compete against each other to be chosen for NEXT year's Bolsa Planner Cover
  - Class Critique -- Vote for our top 5 FAVs (admin picks their fav)
  - Hand in to Google Classroom / Rubric -- (grading time … How well was it executed?) - total 50pts

- Just “411” … passing it on … If you are interested in going into Graphic Design School
  - Some of the projects they did in Rhode Island School of Design (RISD) by Karen Kavett

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- https://www.youtube.com/watch?v=Ge1X9nqDLIs&list=PL99CB3991F6281872
  - Study Graphic Design at FIDM College
    - https://www.youtube.com/watch?v=J3lV1cp2Dc

(exhibit students assignments/ websites)

Intro to PhotoShop

- Intro to PhotoShop - “The tour” - from teacher & Video
  - Intro to Photoshop - The Penguin EXERCISE - 10 pts.
  - Tool exercises (are 10 - 15 pts) - Save in Google Classroom
    - Shopping for a NEW body -- Your face (or teacher’s) on some else’s body

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- Flying car
- iPod Ad
- ME Collage

REFLECTION on the process and how does the (5+) images represent you

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- PS Project - “Movie Poster”
  - Movie Poster EXERCISE - “LOST in the City”

- “Movie Poster”, starring YOU
  - Mood Sheet - 5 online posters that inspire you (SCH Approp.)
  - Creating on software
    - Save in Google Classroom
      - Assignment’s NAME - Your FULL name - period.jpg
  - Rubric (25-50 pts)

- SPRING FINAL
  - Website portfolio 14 pieces or more
    - 7 from SPRING semester w/ captions
      - These are probably your better ones -= PUT the BEST where the viewer sees it first
    - 7 from FALL semester w/ captions

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If we have time …

- Shepard Fairey - Research and App
  - Obama-me.com

- Web Design - HTML style (Great knowing for phone apps)
  - Star
  - Pizza
  - Bakery
  - Madam Z

- AI - Pen Tool exercise
  - “Might Montag”
  - Boy with Snowball

- Word Cloud - wordle.com

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BEYOND THE GRAPHICS
STUDIO /Classroom

As a Bolsa graphic designer, you will also be able to take advantage of the following opportunities:

Info on Google Classroom # 67l0xv

- A high school chapter of SIGGRAPH, an international organization dealing with technology, animation, video games, multimedia and other related fields - all the PROs go
  - Field Trip/ Meet-up during the Summer (Usually August)
- Real client-based projects for hands-on professional work - Ex. Commercials for Matador Mania, PBIS videos, etc.
- Guest speakers from professional companies around the nation (Facetime, etc.); if possible
- Local and national exposure through Garden Grove Unified School District’s “1st Impression” Art Show & Film Festival, OC’s Digital Media Arts Challenge Awards though Vital Link, and other competitions (when presented)
- Digital Media/ Design/ Animation Club
  - Meets Lunchtime on Thursdays & (possibly) during class on Fridays
  - Discuss similar animation content interests
  - Demonstrations based on interests
  - Movie get-together (after school of the 1st Thursday or Friday of the Month)
  - Possible film festival - film that students created
  - Shirt designs
  - Halloween Cosplay - if students are interested
  - Fundraising - Smencils, fortune cookies w a bolsa fortune attached, (if brave enough) drawing caricatures; get a student’s photo and draw them, etc.
  - Etc.
  - “End of the Year” banquet - based on funds we raised
  - Possible Meetups (try one for FALL and Spring semester )
    - Long Beach Comic-Con - Long Beach Convention Center - Sept 17 & 18
    - CTN Animation Expo - Burbank, Ca - Nov 18-20, 2016
    - Long Beach Comic Expo - Long Beach Convention Center - Feb
    - WonderCon - Anaheim OR LA convention Center - March
    - Siggraph - Anaheim Convention Center - July or Aug
      - http://www.siggraph.org/

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● We can get in free … PLEASE READ the details.
http://www.siggraph.org/connect/spend-week-siggraph