

Get on the right track

Computer Applications

Lesson 9

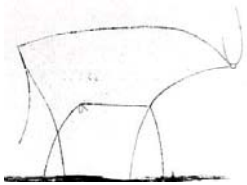


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Debrief

- Quiz
- How many strokes did Picasso use to draw a bull?



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Session Objectives

By the end of this session, you will be able to use InDesign to:

- Use Photoshop to add focus with color
- Illustrator lab:
 - Create a graphic image with multiple elements
 - Use Live paint to automatically fill paint regions
 - Live Trace to convert an image or photograph to B&W line art
 - Create outlines of text

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Photoshop

High Quality B&W photo

Adding focus with color

Add Visual Interest with the Rule of Thirds

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High quality black & white

1. File > New > [copy image to PhotoShop]
2. Ctrl + J to duplicate the layer (never work from the source image)
3. Image > Adjustments > Desaturate
4. Edit > Fade Desaturate
 - Select blend mode: Color
 - You are Done
- Bonus step: Edit > Fade Desaturate
 - Change opacity to 80% for nice effect

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Adding Focus to an image with color

1. File > New > copy image to PhotoShop
2. Ctrl + J to duplicate the layer (never work from the source image)
3. Use lasso tool to select part of image you want to highlight in color (you can use any selection tool) *
4. Select > Inverse (select everything you want in B&W)
5. Create a new adjustment layer: Hue/Saturation (button at bottom of layers palette) 
6. Drag Saturation slider to the left to remove color

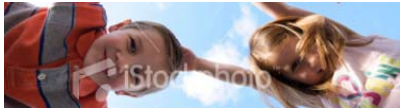
* No need to load path as selection since we aren't cutting it out

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Saving images as jpg

- Crop the image
 - 380 width
 - 100 height
- Save the file as jpg in a folder on your desktop



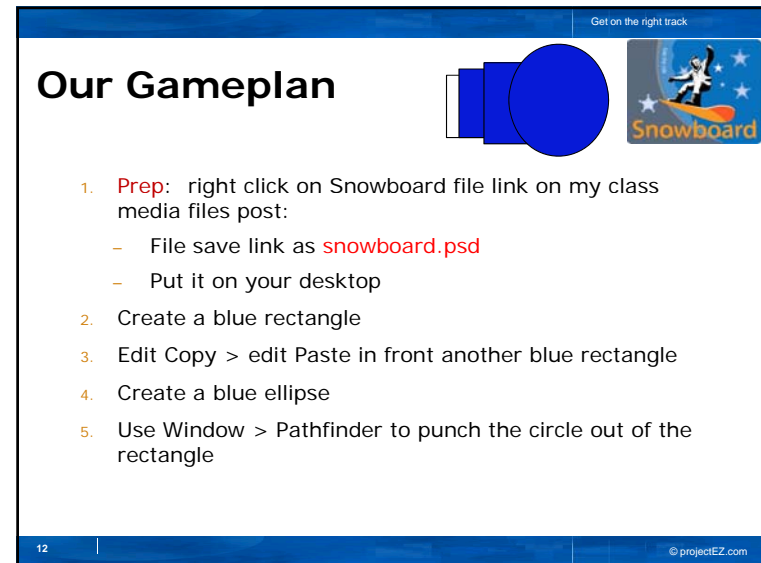
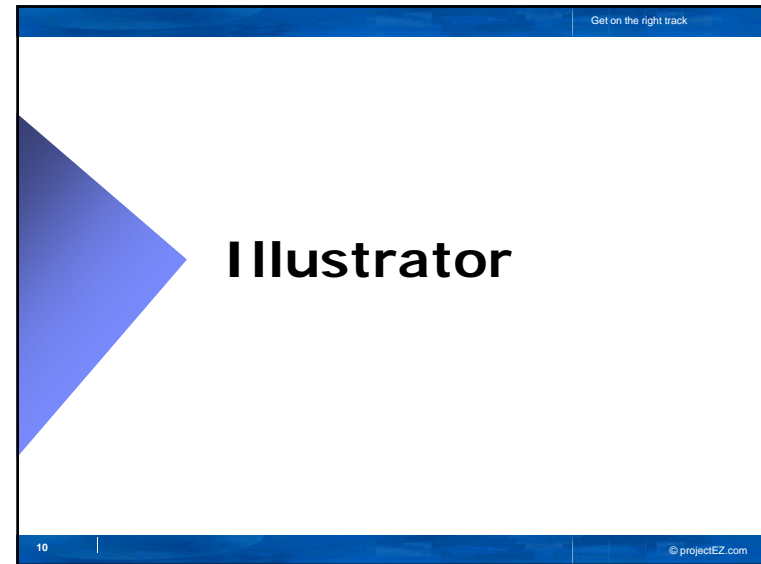
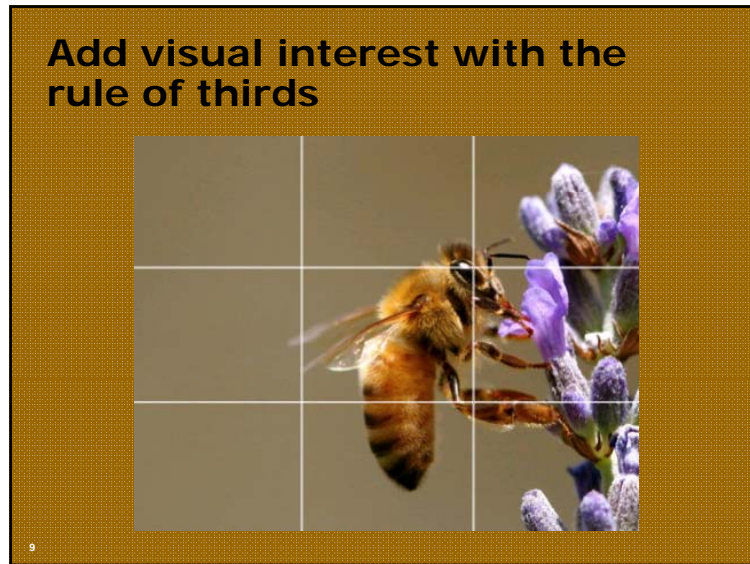
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Staging a photo or design



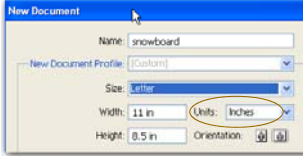
Classic "tourist" photo

8





Lab: Tour Illustrator

- File > New
 - New Document Profile: **Print**
 - Name: **snowboard**
 - Orientation: **Landscape** button
 - Units: **inches**
 - **OK**
- Zoom out to see full page
- File > Save As > **snowboard**
- View > Show Rulers
- Select rectangle tool (☐) and click once on artboard (do not click and drag)
 - **11** Width
 - **8.5** Height



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Lab: Tour Illustrator

- **Select** the rectangle and click align to artboard
 - Center the rectangle: Horizontal and vertical 
- Change Fill color
- Select new shape and fill box in Tools panel 
 - Window > Swatches
 - Double click on blue swatch
C=85 M=50 Y=0 (blue color)
 - **Edit color** C=71 M=42 Y=0 K=0
 - **OK**

CMYK: short for cyan, magenta, yellow, and key (black) and often referred to as process ink. Printer typically applies the ink in the order of the abbreviation.

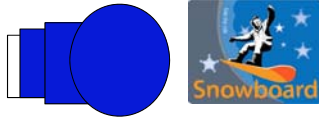
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Create curved edge on side of page


- Select blue rectangle
- Edit > Copy ... Edit > Paste in Front
- Select Ellipse tool (under rectangle tool) and click somewhere on page to reveal dialog box
 - **14.1** width
 - **13.1** height
- Select the Selection Tool and make sure that the Reference point center:
 - **9.8** x field
 - **6.4** Y field

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Pathfinder effects



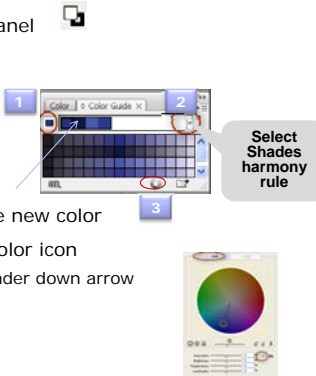
- We've created three new overlapping shapes: A white background, a Blue rectangle, another Blue rectangle, and Blue Circle
- Position and then punch out the circle from the rectangle.
- With Selection Tool, shift click both circle and the blue rectangle directly behind it
 - Window > **Pathfinder**
 - Subtract from shape area button to cut out circle
 - Double Click circle to see result



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Working with color groups

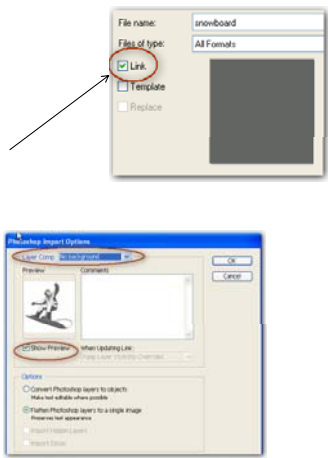
- Window > Color Guide
- Select new shape and **fill** box in Tools panel
 - Fill is the interior
 - Stroke is the border
- (1) Click to set the base color
- (2) Select **shades** harmony rule
- Pick a dark blue from top row of shades
- This should fill subtracted shape with the new color
- (3) Click to set base color to the current color icon
 - Select **Edit** button and **global adjust** (under down arrow next to saturation slider)
 - Set Saturation slider to -29



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Placing images

- File > Place **snowboard.psd**
 - Make sure that the link checkbox is checked
 - Import options
 - Layer comp: No background
 - Check show preview
- Scale object to size and position on curve



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Using Live Trace



- Use Live Trace to trace logos, artwork, or even create vector color images from photographs!
- With the image selected, click the **Live Trace** button in the control panel
 - Image is converted to a black and white image
 - Enter 190 in Threshold field
 - Note: if you were to edit the image in PhotoShop, the file would update in Illustrator "live"
- Click Expand in the Control Panel to convert object to paths
- Choose Select > Deselect
- Use **Direct Selection tool** to delete white background outside of snowboarder
 - Press delete to remove the white background
 - Repeat to remove whitespace between snowboarders boots

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Using Live Paint

- Use Live Paint to automatically fill paint regions
- Select** snowboarder image
 - Choose Select > Save Selection just in case you need to reference it in the future
 - Name the selection **snowboarder**. Click OK
- Object > Live paint > **Make**
- Select the **Live Paint bucket tool** and hover man. Do not click! 
 - Live Paint recognizes visual shapes and highlights them
- Choose window > Swatches and select light orange (C=0 M=35 Y=85 K=0)
 - Move cursor over bottom of snowboard and click to apply color
 - Click left arrow to choose red/orange color from the three swatches above the bucket
 - Fill the tip of the snowboard

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Using the Control Panel for typesetting

- Select Type tool and click on artboard (don't click and drag)
- Type Snowboard
 - Character **Myriad pro**
 - Style **Semibold**
 - font size **148**
- Select word and center it under the image
- Create outlines of text
 - Type > Create Outlines (converts text to vector shapes)
 - Object > Ungroup
 - Select > Save Selection: **snowboardtxt** and click OK
 - Select > Deselect

21

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Using the Appearance panel

- Choose Windows > **Appearance**
- Choose Select > snowboardtxt
- Use the eyedropper tool to change color to match the tip of the snowboard
- Click on Compound Path
- Choose Effect > Stylize > Round Corners



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Saving the appearance as a graphic style

- Window > Graphic Styles
- Click the New Graphic Style button at the bottom of the panel
- Name: Orange-rounded and click OK



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Change Text Rotation

- Use the Type Tool to type "take the ride" anywhere on the artboard, but off your existing artwork.
- Choose select all to select the text
- Set attributes: Myriad pro, Condensed, 40 pt
- Change the rotation
 - With selection tool, click on **Transform** in the control panel
 - Rotate -90 degree




24

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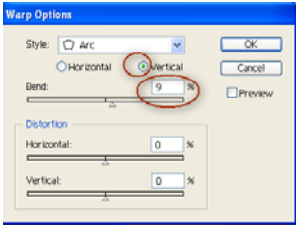
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Apply warp to text

- Click the Make Envelope button in Control panel



- Change direction to vertical and bend 9%



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You don't have to be an artist to be a **great** graphic designer

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Istock Illustrations


- The images are created using Layers
- Each object can be manipulated and painted any color
- You can easily combine different objects from different files

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Lab / Homework


Use Live Trace to convert an image or photograph to B&W line art.

Experiment with threshold

Create PowerPoint slide like this one with the traced image.

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Jeopardy Speed Round (review lessons)

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Categories

- Digital Entertainment
- Things that make your computer sick
- Office Politics
- Creative Suite
- The world wide web

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What music retailer captured the No. 1 spot in sales for the first half of this year?

- A. Amazon.com Inc.
- B. Apple Inc.'s iTunes
- C. Best Buy Co.
- D. Wal-Mart Stores Inc.

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The creator of what TV comedy show became the first major producer to roll out short shows online through Google Inc.?

- A. "The Simpsons"
- B. "Desperate Housewives"
- C. "Family Guy"
- D. "Scrubs"

What is Wordle?

- A. An electronic dictionary
- B. A new Wii game
- C. An application for creating "word clouds"
- D. A wiki for speakers of Esperanto

Which vintage comedian did Microsoft select and then displace as a pitchman to give its Vista operating system more cachet in its battle with Apple?

- A. Jackie Mason
- B. Jerry Seinfeld
- C. Don Rickles
- D. George Jetson

In a survey, most digital-camera owners said that after they got a camera phone, their picture-taking with the camera:

- A. Increased
- B. Decreased
- C. Remained the same
- D. Dropped to zero and they sold it on eBay

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Even though growing numbers of music lovers buy digital downloads of songs, the music industry still hopes to find a new physical medium that consumers will buy. Recently, all four major music companies said they will try selling music in what new format?

- A. Compact memory card
- B. DVD audio
- C. Mini 8-track
- D. High-tech vinyl

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What financially challenged celebrity has a gig as a rapper in an online video for FreeCreditReport.com?

- A. Wesley Snipes
- B. Michael Jackson
- C. Ed McMahon
- D. Kim Basinger

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What Web site is most frequently blocked by employers who want workers to work rather than be entertained?

- A. Ebay
- B. YouTube
- C. MySpace
- D. Facebook

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A security expert recently told a conference that it would be possible to organize a terrorist plot using what online community?

- A. LinkedIn
- B. Second Life
- C. World of Warcraft
- D. Webkinz World

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Final

- Scan a photo!
- Create a file folder
- Copy a file to a folder
- Send a page to this class printer
- Create a targeted Search on Google

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Final Exam Practicum

| Application | Task |
|-------------|---|
| Word | • Create a table and remove borders from some cells |
| Excel | • Create a simple worksheet and add a series of numbers |
| PowerPoint | • Create a rectangle with a semi transparent background • Add Text to shape • Rotate the shape |
| DreamWeaver | • Create a new home page from a template • Link to another file |
| Photoshop | • Pen Selection Tool • Add focus to an image with color |
| Illustrator | • Create a curved edge punch out • Create outlines of text and apply an effect • Use Live Trace and adjust threshold |
| InDesign | • Create a multi column magazine spread layout • Add a graphic frame • Add a text frame • Flow text between frames • Create a polygon of my choice • Add a drop cap to a paragraph |

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You will receive your final grade on the Tuesday, 16th



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Office Suite

| Application | File Extension | What it does |
|-------------|----------------|---------------------------------|
| PowerPoint | .ppt | Create presentation slides |
| Word | .doc | Create text documents |
| Excel | .xls | Create Worksheets with formulae |

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Adobe Creative Suite

| Application | File Extension | What it does |
|-------------|----------------|--|
| Photoshop | .psd | Manipulate images |
| DreamWeaver | .html | Create HTML websites |
| InDesign | .indd | Page Layout Program for print publishing |
| Illustrator | .ai | Vector Drawing |

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- Get on the right track
- ## Homework
- Study for final exam
 - Final may include any question previously asked on quizzes as well as questions from our lessons
 - Final will include *timed* exercises
 - Send me your projects by Tues, 12/09 in **pdf** format in a **single note**.
 - Indesign Resume
 - Magazine spread
 - Illustrator Live trace (copied to Powerpoint)
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Pass it on!

Three things to remember and why they are important to share

1. _____
2. _____
3. _____

Why should I remember these?

- _____
- _____
- _____

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- Get on the right track
- ## Review of Objectives
- Now that you've completed this session, you are able to:
- Use Photoshop to add focus with color
 - Illustrator lab:
 - Create a graphic image with multiple elements
 - Use Live paint to automatically fill paint regions
 - Live Trace to convert an image or photograph to B&W line art
 - Create outlines of text
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Sources for pictures

<http://www.istockphoto.com>
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Sony Pictures Television (Jeopardy)

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