

Illustrator in 15 minutes

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Why would you want to use Illustrator?

- ~~Because you've been using it for 25 years~~
- Print tools: registration, color control, predictable output control
- Vector-based: important for print, but also for creating SVGs and PDFs, compact size
- Typographic control
- Because the client tells you to: Industry standard.

Ways to use Illustrator

- Directly: no geographic reference, but good to trace, and lots of graphic tools
- Editing ArcGIS exports
- Editing existing PDF, SVG, EPS (or AI) files
- MaPublisher

ESRI Export issues

- PDF vs AI
- Jaggy lines, rasterized backgrounds
- Dashes and type on curve expanded
- CMYK colors pass through RGB
- Symbols are not symbols

Illustrator tools

- Layers and sublayers
- Appearance palette: by object and by layer
- Graphic styles
- Point symbols
- Type tools

Illustrator type tools

- Character and Paragraph styles
- Type on point, on curve, in area
- Type character control (note spacing options, especially optical spacing)
- Glyphs

Raster files

- Imports all formats
- Embedded vs linked: affects file size

Scripts

- Kelsocartography.com
 - JET_ReplaceWithSymbol
 - Convert to Point type
- MaPublisher scripts

Save to

- Save as PDF (with or without Illustrator embedded)
- Save as Illustrator (including backsave, with or without PDF embedded)
- Save as EPS or SVG
- Export as raster