

Drawing from curves to polylines

Week 1: Aug. 31st

Objectives for week:

- Start course, get to know each other
- Introduce key concepts for the semester
- Introduce Processing as a lightweight IDE for the semester
- Go over the basics of drawing curves and polygons

Readings:

None yet

Handouts:

None at the moment

Written homework:

Due:

Hw1: Graphics Resume, due Thursday Sept. 3rd

Coming up:

Hw2: Parametric Curves, due TDB

Lectures and videos:

Tuesday:

Tuesday will be an introduction to the course, and to drawing curves using parametric representations.

Material:

L01P1IntroductionFall20.pdf with video

L01P2CPU_GPU.pdf + video

L01P2DrawingLines.pdf + video

L01P2DrawingCirclesAndMore.pdf + video

L01P2Code.zip

Thursday:

Thursday will take continuous curves into discrete polygons and polylines.

Material:

L02P01PolylinesAndPolygons.pdf + video

L02P2Processing.pdf + video

L02P3GLPrimitives.pdf + video

L02P3PolylineEditor.zip