3d analyst
- 3d features
  - add z information
  - buffer 3d
  - difference 3d
  - enclose multipatch
  - feature to 3d by attribute
  - inside 3d
  - intersect 3d
  - intersect 3d line with multipatch
  - is closed 3d
  - near 3d
  - union 3d
- Conversion
  - from feature class
    - feature class Z to ascii
    - multipatch footprint
  - from file
    - ascii 3d to feature class
    - import 3d files
    - landXML to TIN
    - LAS to multipoint
    - point file information
  - from LAS dataset
    - LAS dataset to TIN
  - from raster
    - raster domain
    - raster to multipoint
    - raster to TIN
  - from terrain
    - terrain to points
    - terrain to raster
    - terrain to TIN
  - from TIN
    - TIN domain
    - TIN edge
    - TIN line
    - TIN node
    - TIN polygon tag
    - TIN to raster
    - TIN triangle
  - Layer 3d to feature class
- data management
  - LAS dataset
    - change LAS class codes
    - set UAS class codes using features
  - terrain dataset
    - Add feature class to terrain
    - add terrain pyramid level
    - append terrain points
    - build terrain
    - change terrain reference scale
    - change terrain resolution bounds
    - create terrain
    - delete terrain points
    - remove feature class from terrain
    - remove terrain pyramid level
    - replace terrain points
  - TIN
    - copy TIN
    - create TIN
    - delineate TIN data area
    - edit TIN
- functional surface
  - Add surface information
  - interpolate shape
  - intersect 3d line with surface
  - stack profile
  - surface volume
- raster interpolation
  - IDW
  - kriging
  - natural neighbor
  - spline
  - spline with bariers
  - topo to raster
  - topo to raster by file
  - trend

- raster math
  - divide
  - float
  - int
  - minus
  - plus
  - times
- raster reclass
  - Lookup
  - reclass by ascii file
  - reclass by table
  - reclassify
  - slice
- raster surface
  - aspect
  - contour
  - contour list
  - contour with bariers
  - curvature
  - cut fill
  - hillshade
  - slope
- triandulated surface
  - decimate TIN nodes
  - extrude between
  - interpolate polygon to multipatch
  - locate outliers
  - polygon volume
  - surface aspect
  - surface contour
  - surface difference
  - surface slope
- visibility
  - construct sight lines
  - line of sight
  - observer points
  - skyline
  - skyline barier
  - skyline graph
  - sun shadow volume
  - viewshed

Network analyst
- analysis
  - add field to analysis layer
  - add locations
  - calculate locations
  - copy traversed source features
  - directions
  - make closest facility layer
  - make location allocation layer
  - make OD cost matrix layer
  - make route layer
  - make service area layer
  - make vehicle routing problem layer
  - solve
  - update analysis layer attribute parameter
- network dataset
  - build netowrk
  - dissolve network
- server
  - generate service areas
  - solve vehicle routing problem
  - update traffic data
  - update traffic incidents
- turn feature class
  - create turn feature class
  - increase maximum edges
  - populate alternate ID fields
  - turn table to turn feature class
  - update by alternate ID fields
  - update by geometry

Spatial analyst

- Conditional
  - con
  - pick
  - set null
- density
  - kernel density
  - line density
  - point density
- distance
  - corridor
  - cost allocation
  - cost back link
  - cost distance
  - cost path
  - euclidean allocation
  - euclidean direction
  - euclidean distance
  - path distance
  - path distance allocation
  - path distance back link
- extraction
  - extract by attributes
  - extract by circle
  - extract by mask
  - extract by points
  - extract by polygon
  - extract by rectangle
  - extract multi values to points
  - extract values to points
  - sample
- generalization
  - aggregate
  - boundary clean
  - expand
  - majority filter
  - nibble
  - region group
  - shrink
  - thin
- groundwater
  - darcy flow
  - darcy velocity
  - particle track
  - porous puff
- hydrology
  - basin
  - fill
  - flow accumulation
  - flow direction
  - flow length
  - sink
  - snap pour point
  - stream link
  - stream order
  - stream to feature
  - watershed
- interpolation
  - IDW
  - kriging
  - natural neighbor
  - spline
  - spline with bariers
  - topo to raster
  - topo to raster by file
  - trend
- local
  - cell statistics
  - combine
  - equal to frequency
  - greater than frequency
  - highest position
  - less than frequency
  - lowest position
  - popularity
  - rank
- map algebra
  - raster calculator

- math
  - bitwise
    - bitwise and
    - bitwise left shift
    - bitwise not
    - bitwise or
    - bitwise right shift
    - bitwise xor
  - logical
    - boolean and
    - boolean not
    - boolean or
    - boolean xor
    - combinatorial and
    - combinatorial or
    - combinatorial xor
    - diff
    - equal to
    - greater than
    - greater than equal
    - InList
    - is null
    - less than
    - less than equal
    - not equal
    - over
    - test
  - trigonometric
    - acos
    - acosh
    - asin
    - asinh
    - atan
    - atan2
    - atanh
    - cos
    - cosh
    - sin
    - sinh
    - tan
    - tanh
  - abs
  - divide
  - exp
  - exp10
  - exp2
  - float
  - int
  - ln
  - log10
  - log2
  - minus
  - mod
  - negate
  - plus
  - power
  - round down
  - round up
  - square
  - square root
  - times
- multivariate
  - band collection statistics
  - class probability
  - create signatures
  - dendrogram
  - edit signatures
  - iso cluser
  - iso cluster unsupervised class.
  - maximum likelihood classific.
  - pricipal components
- neighborhood
  - block statistics
  - filter
  - focal flow
  - focal statistics
  - line statistics
  - point statistics

- overlay
  - fuzzy membership
  - fuzzy overlay
  - weighted overlay
  - weighted sum
- raster creation
  - create constant raster
  - create normal raster
  - create random raster
- reclass
  - lookup
  - reclass by ascii file
  - reclass by table
  - reclassify
  - slice
- solar radiation
  - area solar radiation
  - points solar radiation
  - solar radiation graphics
- surface
  - aspect
  - contour
  - contour list
  - contour with bariers
  - curvature
  - cut fill
  - hillshade
  - observer points
  - slope
  - viewshed
- zonal
  - tabulate area
  - zonal fill
  - zonal geometry
  - zonal geometry as table
  - zonal histogram
  - zonal statistics
  - zonal statistics as table