This is a curated list of training videos from [ESRI Training Page](https://www.esri.com/training).

Majority of the training videos are web courses unless otherwise stated (i.e. tutorials / video). Please note that the videos listed here are mostly for the ArcMap software product. Email [library@yale-nus.edu.sg](mailto:library@yale-nus.edu.sg) for access to videos with the ^ sign.

While new content is regularly added to the collection, ESRI also removes out-of-date content. This video list was last updated on April 2019.

(* - tutorials)
(^ - requires maintenance)

1. **Getting Started**
   - **Getting Started with GIS** (3h)
     - Define GIS.
     - Differentiate between vector and raster data.
     - Navigate a GIS map.
     - Use tools to access feature information.
     - Create a location query and an attribute query.
   - **Using GIS to Solve Problems** (1h 30min)
     - Just run through the content (no need to do hands-on)
     - List the five steps of the geographic inquiry process.
   - **Basics of Geographic Coordinate Systems** (1h 15min) ^
     - Distinguish between geographic and projected coordinate systems by what they measure and how they are notated.
     - Use coordinates to identify locations in geographic and projected coordinate systems.
     - Demonstrate how datums and datum transformations affect the placement of data on maps.
     - Troubleshoot errors associated with missing, defective, or inappropriate coordinate systems to make data line up.
   - **Working with Coordinate Systems in ArcGIS** (2h 45min) ^
     - Define coordinate system for feature classes
     - Correct data misalignments
   - **Get Started with ArcMap** (3h) *
     - Data, feature editing, and analysis tools.
     - Share your results as an informative print map.

Other basic functions or tools
   - **GIS for Humanitarian Mine Action: Coordinate Systems and Map Projections** ^
   - **GIS for Humanitarian Mine Action: Georeferencing and Digitizing** ^
   - **GIS for Humanitarian Mine Action: Using Vector Data in ArcMap** ^
   - **GIS for Humanitarian Mine Action: Using Raster Data in ArcMap** ^
   - **GIS for Humanitarian Mine Action: Remotely Sensed Data** ^
   - **Image Processing with ArcGIS** ^

2. **Mapping and Visualisation**
   - **Planning a Cartography Project** ^
   - **Map Design Fundamentals** ^
   - **Getting Started with Cartographic Representations** ^
   - **Advanced Techniques for Cartographic Representations** ^
- 3D Visualization Techniques Using ArcGIS
- Displaying Raster Data in ArcGIS
- Get Started with Story Maps (requires ArcGIS Online)
- Telling Stories with GIS Maps (requires ArcGIS Online)
- Mapping the Public Garden

3. Analytics
   Get Started
   - Sharpen Your Skills – Spatial Analysis 101 (video)
   - Getting Started with Spatial Analysis
   - Solving Spatial Problems Using ArcGIS
   - Getting Started with Geoprocessing
   - Building Models for GIS Analysis Using ArcGIS

Detect and Quantify Patterns
   - Spatial Statistics: Simple Ways to Do More with Your Data (video)
   - Exploring Spatial Patterns in Your Data Using ArcGIS
   - Raster data (e.g. satellite imagery)
     - Classifying Imagery Using ArcGIS
     - Performing Unsupervised / Supervised Pixel-Based Image Classification
     - Performing Supervised Object-Based Image Classification
     - Performing Accuracy Assessment for Image Classification
   - Map Breast Cancer Differences by Ethnicity

Determining How Places are Related
   - Analyzing Violent Crime
   - Are Liquor Stores Too Close to Schools, Libraries, and Parks?
   - 3D Analysis of Surfaces and Features Using ArcGIS

Find the Best Locations and Paths
   - Getting Started with Linear Referencing
   - Linear Referencing Using ArcGIS
   - Preparing for Network Analysis
   - Distance Analysis Using ArcGIS
   - Understanding Cost Distance Analysis
   - Using Raster Data for Site Selection
   - Understanding the Suitability Modelling Workflow
   - Are There Suitable Sites for a Distribution Center?

Make Predictions
   - Creating Prediction Surfaces in ArcGIS
   - Performing Spatial Interpolation Using ArcGIS
   - Beyond Where: Using Regression Analysis to Explore Why (training seminar)
   - Regression Analysis Using ArcGIS
   - Finding Areas at Risk of Flooding in a Cloudburst
   - Aloha! A GIS Vacation
Measure Size, Shape, Distribution
- Introduction to Surface Modelling Using ArcGIS

4. Data Management
Get Started
- Getting Started with the Geodatabase
- Finding Geographic Data in ArcGIS

Manage Imagery
- Managing Raster Data Using ArcGIS
- Georeferencing Raster Data Using ArcGIS

SpatiaLABS
https://www.arcgis.com/home/group.html?id=e535a827e6c14a95b9330d6f52df893c#overview