

## Concepts Covered in Pre/Post-Tests for 57:020

### **Lab 3: Airfoil Flow**

1. Using Labview for setting test conditions and data acquisition
2. Calibration of load cell.
3. Measurement of lift and drag forces with load cell.
4. Measurements of pressure distribution and velocity profile for an airfoil model.
5. PIV data post-processing using Tecplot software.