AST101: Determining Time

**Local Sidereal Time** = Right Ascension on the meridian
  = Local Hour Angle of object + Right Ascension of object
  = Local Hour Angle of the Vernal Equinox

**Local Apparent Solar Time** = Local Hour Angle of the apparent sun + 12 hours

**Local Mean Solar Time** = Local Hour Angle of the mean sun + 12 hours

**Greenwich Sidereal Time** = Local Sidereal Time for Greenwich, England

**Greenwich Mean Time** = Local Mean Solar Time for Greenwich

**Universal Time** = Same as Greenwich Mean Time