Reading assignment: Instructor handout on UTM projections and State Plane Coordinate system.
http://www.lic.wisc.edu/metadata/metaprim.htm
Data Documentation (Metadata) Standards – instructor handout

Material presented this week contributes to the accomplishment of the following course goals:

<table>
<thead>
<tr>
<th>Goal 2:</th>
<th>Be able to plan and conduct a data acquisition session</th>
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<td>Goal 7:</td>
<td>Be able to construct a map which successfully communicates the desired information to the user.</td>
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Information obtained this week will help you further understand map projections and coordinate systems. You will be introduced to the concept of metadata, and you will practice making a basic map using Pathfinder Office.

After studying class notes and reading assignments, participating in class discussions, and conducting lab. 6, you should be able to:

Describe in detail the characteristics of
   Universal Transverse Mercator projection
   State Plane Coordinate System

Describe the kinds of information you might need to know about a digital data set to determine whether it will fit your data needs.

Be able to list and describe the major and minor sections of the Content Standards for Digital Geospatial Metadata (CSDGM)

Post-process GPS data

Construct a basic map using Pathfinder Office software.