

<b>Course Outline</b>	
<b>Week</b>	<b>Topics</b>
<b>1</b>	<b>Introduction</b>
<b>2</b>	<b>Map Basics, Projection Systems</b>
<b>3</b>	<b>Spatial Data Types</b>
<b>4</b>	<b>Modeling Spatial Data</b>
<b>5</b>	<b>Lab Study: Working With Spatial Data</b>
<b>6</b>	<b>Data Acquisition in Spatial Domain</b>
<b>7</b>	<b>GIS Geo-Database Management Systems</b>
<b>8</b>	<b>Introduction to Leading GIS Software Packages</b>
<b>9</b>	<b>Spatial Data Visualization, Symbology and Cartography</b>
<b>10</b>	<b>Types of Spatial Analysis and Query</b>
<b>11</b>	<b>Lab Study: Spatial Query</b>
<b>12</b>	<b>Lab Study: Spatial Analysis</b>
<b>13</b>	<b>Lab Study: Spatial Analysis</b>
<b>14</b>	<b>Lab Study: Spatial Analysis</b>