

15-416.

UWUCC-AP 9/1/15

Schate/Info 10/6/15

Template E

Distance Education Course Pre- and Transition

Top-Off Programmatic

- ~~Programmatic Distance Education courses are those that have been developed specifically for delivery via distance education. These courses are typically taught by faculty who are experienced in teaching online and have been trained in the use of distance education technologies.~~
- ~~The programmatic distance education courses are taught by the department program faculty, for example, the English department faculty.~~
- 1. ~~The Department, programmatic distance education courses are taught by the department program faculty, for example, the English department faculty.~~
- 2. ~~Non-degree certificate and diploma programs offered through Distance Education are taught by faculty who are not part of the department program faculty.~~

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Template E

	<p><i>Learning ArcGIS 10 continued: Visualization of phenomena on the earth's surface; Data Display and Cartography. Attribute Data Input and Management: Database management, relational database management systems (RDBMS). Data Exploration. Attribute Data Query, Spatial Data Query. Understanding RDBMS structure, relational join and relate operations, database (attribute) queries.</i></p>
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Template E

capabilities of GISs enable the visualization and analysis of energy resources and related phenomena (Students will read the text and other readings, study cases, complete worksheet-based exercises, and engage in quizzes. Student-based labs will be assigned to encourage students to learn and do their simple data-based analysis and map-making visualization using GIS software. For example, students will be given an assignment to map underground natural gas storage in Pennsylvania by density using choropleth and graduated cylinder classification techniques.) **6) Demonstrate application of industry-standard GIS software to derive information from databases, and address energy-related problems with spatial dimensions** (Students will read the text and other readings, study cases, complete quizzes, and do hands-on exercises, review how