

**Geologic Mapping - ArcGIS in the Petroleum Industry** - Upon completion of this course students will be able to operate, classify and navigate through various ArcGIS mapping projects. Moreover, they will have been exposed to techniques used in creating, editing, analyzing and displaying shapefiles containing land, well and geological data as they apply to the oil and gas industry.

### Level 300 (1 Economics and 1 Mapping module required for certification)

**Oil & Natural Gas Economics - PHDWin** - Students will learn the basics of oil and natural gas economics and reserves estimation. Specifically, they will utilize PHDWin tools to integrate production decline curve, pressure and volumetric data to generate reserves and economic reports.

**Oil & Natural Gas Economics - PowerTools** - Students will learn the basics of oil and natural gas economics and reserves estimation and integrate production decline curve, pressure and volumetric data to generate reserves and economic reports.

**Oil & Natural Gas Economics - ARIES** - Students will learn the basics of oil and natural gas economics and reserves estimation. Specifically, they will utilize ARIES tools to integrate production decline curve, pressure, and volumetric data to generate reserves and economic reports.

**Geological Mapping - Geographix** - After completion of the course, students will be able to create a project, import grid, culture, well and production data as well as raster and digital log data. They will be familiar with the creation of basemaps, structure maps, isopach maps, production maps and geologic cross-sections.

**Geologic Mapping - PETRA** - After completion of the course, students will be able to create a project, import grid, culture, well and production data as well as raster and digital log data. They will be familiar with the creation of basemaps, structure maps, isopach maps, production maps and geologic cross-sections.

### Level 400 (required for certification)

**Résumé Writing & Interviewing** - After completion of this two-night course, students will have fine-tuned résumé writing and interviewing skills. Students will work on their résumés during class.

For more information:  
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