

## **Course Objectives**

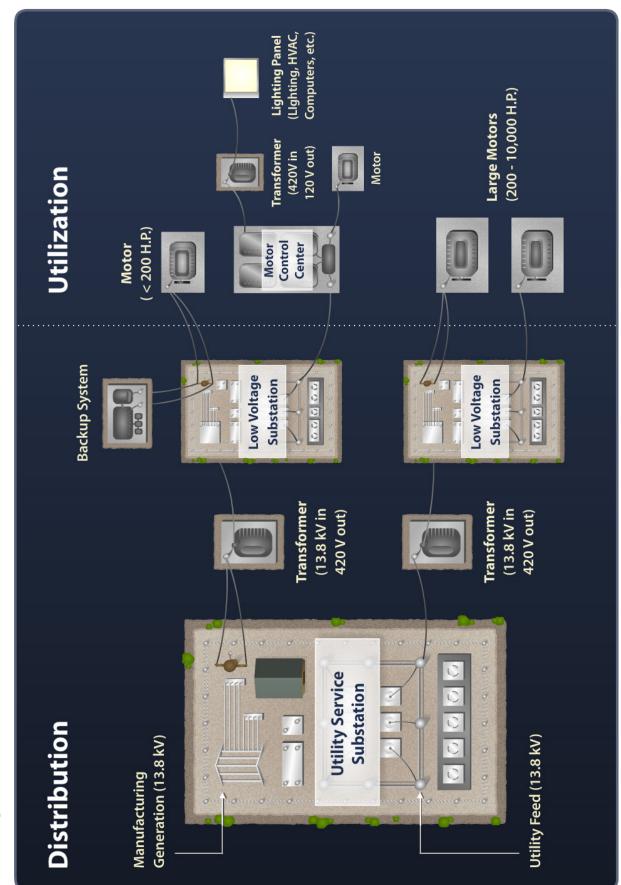
- 1. Describe the purpose and function of an electrical power system.
- 2. Identify the major elements that make up an electrical power system.
- 3. Identify some of the major equipment components associated with each major element.
- 4. Describe how power is controlled for distribution upon its arrival at a manufacturing facility.
- 5. Explain the job responsibilities and duties of a chemical operator regarding electrical applications.
- 6. Identify some common electrical diagrams and directories used in manufacturing.
- 7. Identify safety hazards associated with the operation of electrical equipment.
- 8. Identify energy sources and other considerations for lockout/tagout of a local disconnect.

## **Key Terms** (Define the following)

generating station
transformer
transmission system
utilization system
electrical room -

elementary diagram -	
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single-line diagram	
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power panel directory	- <u> </u>
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## Questions

L	ist the sequential steps to de-energize a local disconnect.
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L	ist the sequential steps to re-energize a local disconnect.
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L	ist the steps when responding to someone being shocked or electrocuted
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