



4 Courses

Electric Power Systems

Natural Gas

Safety in the Utility Industry

Energy: The Enterprise

 University at Buffalo

 Stony Brook University

Apr 9, 2023

Muhammad Asif

has successfully completed the online, non-credit Specialization

Energy Production, Distribution & Safety

In this specialization, learners were exposed to the energy industry - including its structure, energy origins, constraints, pricing and regulations - as well as the impact of emerging disruptive technologies and renewable energies on the evolution of the Smart Grid. Learners developed a working knowledge of a modern electrical power system and the components, foundational electric power instruments and machinery, and the interactions between energy and the environment. They gained insights into the basic properties of natural gas, operations of its distribution, basic field skills required, the liquefaction of natural gas, and standard energy industry safety practices and OSHA regulations.

The online specialization named in this certificate may draw on material from courses taught on-campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

 *Timothy Leyh*

Martin Casstevens,
Business Formation and
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Directed Energy
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Director of the
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Center for Industrial
Effectiveness

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