



4 Courses

Electric Power Systems

Natural Gas

Safety in the Utility Industry

Energy: The Enterprise

 University at Buffalo

 Stony Brook University

Feb 27, 2026

JULIAN MARTINEZ ESPITIA

has successfully completed the online 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.

 Timothy Leyh

Martin Casstevens,
Business Formation and
Commercialization
Manager of the UB
Business and
Entrepreneur
Partnerships, and
Executive Director of
Directed Energy
Timothy Leyh, Executive
Director of the
University at Buffalo
Center for Industrial
Effectiveness

This certificate attests to the learner's completion of an online program delivered via Coursera. It does not constitute formal enrollment at any university or entity and does not itself grant academic credit, grades, or a degree. Institutions or organizations may, at their discretion, recognize this learning toward their own programs or credentials.

Verify this certificate at:

<https://coursera.org/verify/specialization/B3MB63MK1JVW>