

SSM 403 : Renewable Energy Integration

Analyzes and describes issues for integrating renewable energy onto a grid structure, the fundamentals of a smart grid, and energy storage technologies. Instructs students how to use software tools applicable to smart grid operation and maintenance. Explores different electrical energy storage technologies and their feasibility for intended applications.

Credits 3

Lecture Hours 45

Teaching Equivalent 3.00

Designation

DP

Prerequisites

SSM 301, SSM 375, MGT 310, and MATH 203 or MATH 241, all with grade C or better; or consent.