

SSM 275 : Basic Energy Production

Introduces basic energy concepts including gravitational and kinetic energy, heat, electromagnetism, chemical energy and the transducers used to convert from one form of energy to another. Transitions from the electric power grid to integrating renewable energy sources into contemporary grids and distributed systems.

Credits 3

Lecture Hours 45

Teaching Equivalent 3.00

Designation

DP

Prerequisites

SSM 101 and ENG 100, both with grade C or better, and MATH 103 with grade C or better or placement at least MATH 135, or consent.