

SPRING 2025 COURSE

EECE 6931

RENEWABLE ENERGY:

POLICY, TECHNOLOGY, & SUSTAINABILITY

TUESDAYS | 5:00-7:30PM

PROFESSORS ARTHUR J. HARRINGTON, DR.
AYMAN EL-REFAIE, AND NOELLE BRIGHAM

This multi-disciplinary course **will** focus on the legal policy, technical framework, and sustainability for electrical energy project development in Wisconsin. It will provide an overview of the regulation of electrical projects with a focus on smaller scale electrical generation projects in Wisconsin. The course will cover the following legal topics: corporate structuring, financing, taxation, permitting and strategies to support and oppose such projects. It will provide a general overview of technical considerations for emerging renewable technologies in Wisconsin such as biomass, waste to energy, geothermal, solar and wind projects. In addition, sustainable development aspects of renewable energy projects will be introduced to identify impacts to the triple bottom line (social, environmental, and financial). The course will incorporate a holistic approach for students to experience the intersection of the legal, engineering, and sustainability disciplines to create successful energy projects in Wisconsin.