

ENV177 : Introduction to Wind Energy

This course provides an in-depth introduction to wind power as a sustainable form of energy. It examines the history, current applications, and future of wind power. Students gain a basic understanding of the fundamental science behind harnessing useable energy from the wind. The course looks at the process for siting, developing, constructing, operating, and maintaining wind energy projects of different scales – from home and small commercial to municipal and utility scale.

Credits 3

Prerequisites

[MAT011](#): Mathematical Reasoning and Problem Solving or [MAT025](#): Prealgebra, [ENL108](#): Critical Reading & Thinking or [ESL201](#): English for Speakers of Other Languages III: Advanced or satisfactory basic skills assessment scores

Semester Offered

Spring