

# Wind Engineering

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Last Updated: Tue, 03/17/2026

**Course prefix:** AE

**Course number:** 6701

**Section:** Q

**CRN**

89956

**Instructor first name:** Narayanamoorthy

**Instructor last name:** Sankar

**Semester:** Fall

**Academic year:** 2026

**Course description:** An introductory course on wind energy and its potential; modeling and design of wind turbines; analysis of the economic benefits of wind turbine systems. Credit will not be awarded for both AE 6701 and ME 6701.

**Academic honesty/integrity statement:**

Students are expected to maintain the highest standards of academic integrity. All work submitted must be original and properly cited. Plagiarism, cheating, or any form of academic dishonesty will result in immediate consequences as outlined in the university's academic integrity policy.

**Core IMPACTS statement(s) (if applicable):**

This course applies macroeconomic theory to the international economy. Given the integrated world which student will exist in the future, knowledge of how countries finance international trade is imperative.