

Course Overview

This course prepares engineers (environmental or closely related field) interested in pursuing a career in the field of air pollution. The materials cover the entire scope of the Air Pollution Section of the environmental engineering professional engineering (PE) exam as well as fundamental of engineering (FE) exam. This is a very practical course encompassing actual duties of an air engineer including permitting, emission inventories, inspections, stack testing, and design. The course will cover 1) regulations and compliance determinations for actual emitters, 2) design of control equipment for criteria pollutants, hazardous air pollutants, odors, and greenhouse gases, and 3) air dispersion modeling.

Audience

This course is open to all University of Nebraska-Lincoln graduate students, 3rd or 4th year undergraduates, and engineering professionals.

Textbook

Air Pollution Control: A Design Approach.
C. David Cooper, F. C. Alley. Waveland Pr Inc; 4th edition (September 1, 2010)

Environmental Air Pollution Engineering

CIVE 498/898

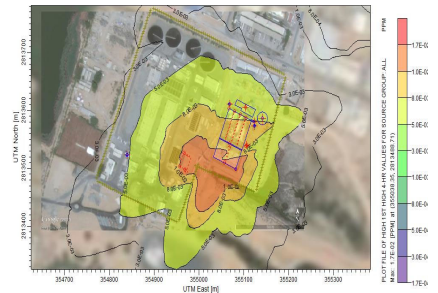
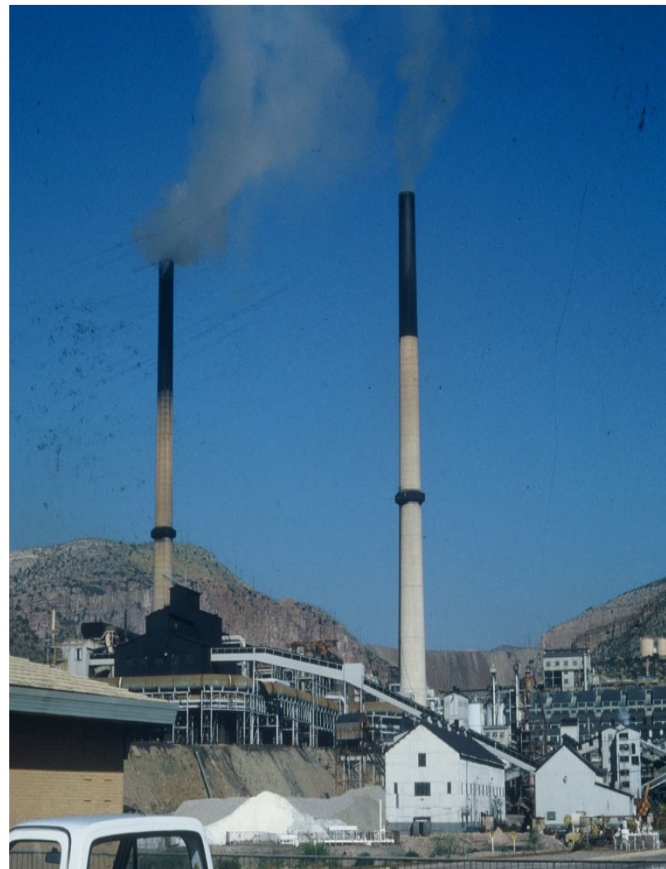
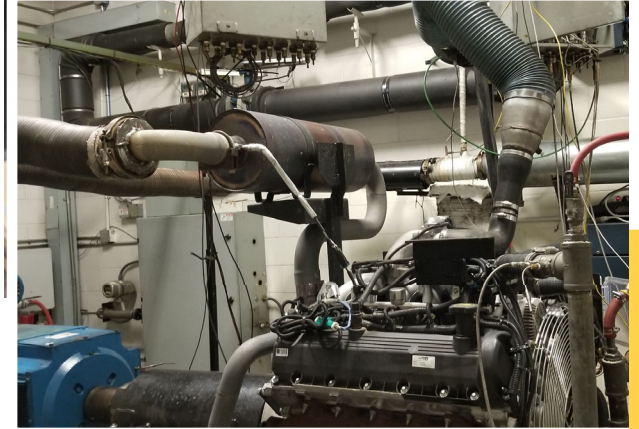
Spring 2019, 3 credits

Tuesdays and Thursdays

3:00 PM– 4:15 PM

Instructor:

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