

College of Information Technology & Engineering

SFT 648

Industrial Ventilation

Fall 2006

Text: Industrial Ventilation, A Manual of Recommended Practice, 25th edition.
American Conference of Governmental Industrial Hygienists,

Computer Requirements: The student must have the ability to access and obtain data.

Instructor: James D. McIntosh, CIH, CSP
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Office Hours: T 10:00 – 1:00 pm Huntington
Th 1:00 – 4:00 pm S Charleston
Other Times: by appointment

Course Description: The course covers the techniques of development, design, maintenance, and troubleshooting of industrial ventilation systems. Also the types of ventilation systems used for different types of toxic material.

Purpose of the Course: This course is designed to acquaint the student with industrial ventilation systems. The student will become familiar with the development of a ventilation system, how to design a system, how to maintain a system, and how to troubleshoot a system. Furthermore, the student will become acquainted with the various cost associated with a system. In addition, the student will learn about the type of systems needed for various materials of varying toxicity. The ventilation for indoor air quality will also be covered.

Class Work: Classes will consist of lecture discussion and problem solving. Students are expected to participate in the discussions. The grading scale is as follows. **A** 90-100%, **B** 80-89%, **C** 70-79%, **D** 60-69%, **F** below 59. The grade will be determined from the following.

Homework Problems	50 points
Mid term Exam	100 points
Final Exam	100 points
TOTAL	250 points

Assignments will be detailed in class. Attendance is expected and is the responsibility of the student. Absences shall be excused following University policy. Grades will be lowered by one letter for each unexcused absence.

Course Schedule Fall 2006

August 22	Introduction to the Course (1)
August 29	Definitions & Chapter 1 (2)
Sept 5	continue w/ chapter 1 (3)
Sept 12	Chapter 2 (4)
Sept 19	continue w/ chapter 2 (5)
Sept 26	Chapter 3 (6)
Oct 3	Chapter 4 (7)
Oct 10	Mid Term Exam (8)
Oct 17	Chapter 5 (9)
Oct 24	Chapter 6 (10)
Oct 31	Chapter 7 (11)
Nov 7	Chapter 8 (12)
Nov 14	Chapter 9 (13)
Nov 21	Thanksgiving Break (14)
Nov 28	Dead Week
Dec 5	Final Exam