



SYLLABUS
AIR POLLUTION CONTROL Lab

Instructor: Eng. Fatimeh Al-Hadidi Office: C424
Email: Fatimeh.hadidi@giu.edu.jo
Office Hours: Check the Table on my office or by appointment

Course Materials:

Text Book: **Air pollution control Engineering, Second Edition. Author: Noel de Nevers, McGraw Hill Education, 2000.**

References: Environmental Engineering, First Edition. Authors: Howard Peavy, Donald Rowe and George Tchobanoglous. McGraw Hill Education, 1986

Co-requisite WEE528

Course Description: Air pollution measurement, Emission estimates. Meteorology for air pollution control engineers. Air pollution concentration models. Designing air pollution control systems and equipment.

Attendance: Student attendance is required on all Lab sessions. Student is allowed maximum absents of 15% of the total assessed hours per course (one Laboratory session). If any student exceeds that, the student will be dismissed from the class with a ZERO grade in the course.

Student Conduct: Use of the cell phone during the lab is strictly prohibited. Keep your cell phone turned off and away in your pocket or purse. No cell phones are allowed on the tables. If you need to use your cell phone for a phone call or sending a text message, please leave the class permanently.

Grading:

Credit Hours: One Hours

Policy:

Attendances & Reports	60
Final Project	20
Final Presentation	05
Final test	15
Total	100

Term Paper/Presentation: A term paper and a presentation is necessary for this course.

Course content:

- Dust Explosion
- Fixed Box Model
- Air pollutant concentration models , GPM
- Cyclone
- Combustion analysis
- Air Quality Measurements

**Course schedule subject to change as the instructor deems necessary to ensure that the student body, as a whole, is given the best chance to learn material. Additional time may be needed for difficult concepts.*