Syllabus

Advanced environmental systems analysis (1\textsuperscript{st} mod)

http://guariso.faculty.polimi.it

LECTURER: Prof. Giorgio GUARISO, Department of Electronics Information and Bioengineering (DEIB), Politecnico di Milano, Bld. 20 room 201, 2nd floor; tel. 02 2399 – 3559, giorgio.guariso@polimi.it OFFICE HOURS: Tuesday 15-17 a.m.

TUTORS: Ing. Matteo SANGIORGIO, Department of Electronics Information and Bioengineering (DEIB), Politecnico di Milano, Bld. 20 room 041, 2nd floor; tel. 02 2399 – 4030, matteo.sangiorgio@polimi.it

Ing. Elena DE ANGELIS, Department of Mechanics and Industrial Engineering (DIMI), University of Brescia, Via Branze 38, 25123 Brescia, tel. 030 3715510, e.deangelis@unibs.it

COURSE STRUCTURE lectures: 30 h, practice: 20 h = 5 Credits (each module)

TIMETABLE (Lessons, Practice)

Tuesday 12.15 – 15.15 Room 25.S.1
Wednesday 16.15 – 19.15 Room 20.S.1
Thursday 10.15 – 12.15 Room 26.02

For practice, a (charged) notebook with Excel is (almost) needed. A limited number of electric plugs will be available.

TEACHING MATERIAL

The course follows the lecturer’s handouts available on the course website (URL above). Other useful material will be linked on the same site.

EXAMS

The final mark will be composed by three parts:

a) \textbf{60\% a final test} (minimum 15/30) in written form, concerning the analytical solution of simple problems and the answering of short questions. It will be in January, in June/July, in September on the dates fixed by the School, jointly with 2\textsuperscript{nd} mod. (ing. Giuliani).

b) \textbf{15\% homework\#1}: presentation of a research paper assigned by the teacher or proposed by the student (on Dec 11).

c) \textbf{25\% homework\#2}: solution of a numerical exercise assigned by the teacher, to be sent to giorgio.guariso@polimi.it at any time before the registration of the final mark.

Please, always use the subject “AESA” and request receipt when sending mail messages.