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INDUSTRIAL PLANTS II

Contract classroom

DOUBLE DEGREE MASTER IN

“PRODUCTION ENGINEERING AND MANAGEMENT”

CAMPUS OF PORDENONE

UNIVERSITY OF TRIESTE

Program

The chapters that we will examine are:

- 1) Piping – Fluid distribution plants – Dimensioning of compressed air plant in an industry
- 2) Plants for the service of the fuels
- 3) Air conditioning plants in industrial environments
- 4) Thermal plants
- 5) Electrical plants
- 6) Lighting plants
- 7) Waste treatment plants
- 8) Solar photovoltaic systems

Generality

The course is 8 university credits, corresponding to 75 hours.

There will be lectures, tutorials and at least one field technical visit concerning the topics and choices of the students in the end of course.

Exercises, with data provided by the teachers, must be carried out in a copybook of exercises and can be produced by 2 or 3 students.

The copybook, in document Word or pdf, will be delivered at least one week before the examination.

The final grade is the average grade obtained by the exercise book and a two written examination lasting 2 hours (around half of the program to end of April and at the end of the program to 30 May).

Generality

There will be an exam every week, usually on Friday, and if you fail the test you must wait at least 15 days to do it again.

Exam period: June-July, September and January-February,

The course material in English:

1) **on the site:**

moodle

Teaching materials

with a specific password

DDMSc in Production Engineering and Management

Industrial plants

sent weekly to you from me

2) **some books in the library**

The course material in Italian:

2 books Padoano-Pozzetto (in library)