

HEATING, VENTILATION, AIR CONDITIONING SYSTEMS (HVAC)

Prof. Michele De Carli

Eng. Marco Marigo

Persons in charge of the course:

Michele De Carli



Marco Marigo



Exam rules 1/2:

- Report: 9 points

Personal Report (6 points)

- Calculation of **peak power for heating** of your house
- Calculation of **peak power for cooling** of your house
- DHW consumption **energy + sizing**
- Sizing of a **radiant floor**
- Sizing and selecting an **air-to-water heat pump**

Group Report (3 points)

- Sizing/balancing of a full air system for a large building

To be uploaded in Moodle.

Exam rules 2/2:

- Exam:

• 1 long written question	7 points
• 2 short written questions (2 x 4 =)	8 points
• 1 oral question	6 points
• report	9 points
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Σ	30 points

Duration of the written part: 1 hour

At the end of the written part, the oral question will start. First In First Out (the first who delivers the written answers will be the first one in answering the oral question).

Dates of the exam:

- Exams:

- 29/5 morning at 08:45 - Room Ee (official exam)
- 4/6 at 08:45 – Room M3

- 24/6 at 11:30 - Room Me (official exam)

- 14/7 09:00 - Room Me (official exam)

} One of them

- Reports

They should be uploaded in Moodle

- either the 17/6 for the exams given in June
- or the 7/7 for the exams given in July