



Combined Heat and Power

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Spring 2019



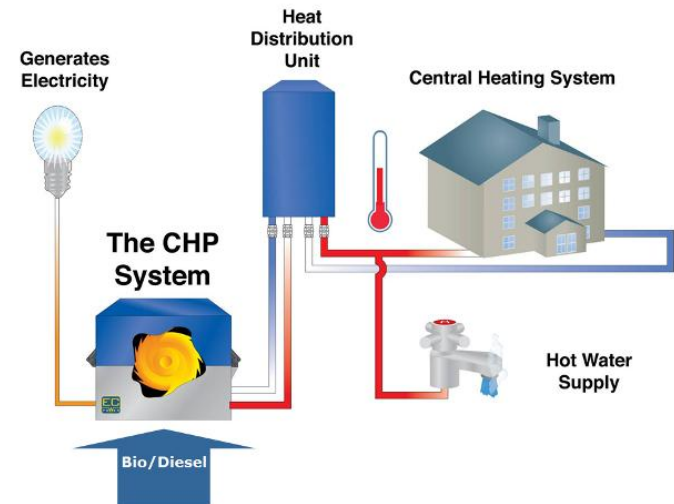
Combined Heat and Power

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Office hours	11:00-12:00 Monday 15:00-16:00 Wednesday

Combined Heat and Power

Content

- Thermodynamic
- Heat and power resources
- Localized vs. central power generation
- Thermal technologies
- Prime mover technologies
- Microcogeneration





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Content (cont.)

- Embedding microgeneration in the electricity network
- Economic analysis
- Environmental considerations
- Regulations for combined heat power
- Combined heat power market
- Practical applications





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Conduct of Course

- 1 midterm exam
- 1 final exam
- 1 term project

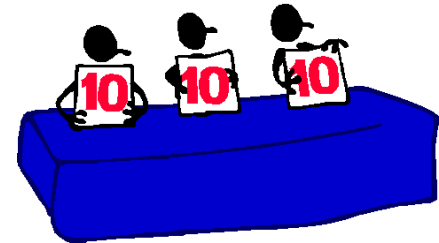




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Grading

- Midterm exam (25 pts.)
- Term project (35 pts.)
- 1 final exam (40 pts.)



Less than 40 pt.  DD or FF

There will be no exception to this policy.





Attendance Policy:

- Class attendance is **MANDATORY**.
- Regular and punctual (15 minutes late at most) attendance is necessary for each student to maximize his/her understanding of the material.
- Students who have more than **5 absences** (~30%) are subject to being dropped from the course.
- Perfect attendance is expected to succeed in the course.



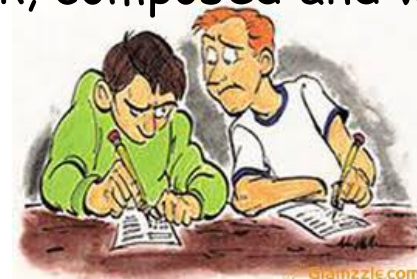


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Academic honesty:

It is your responsibility as a student to adhere to the university and department regulations and policies, as found in various publications, e.g., Academic Policies. All cases of suspected and confirmed cheating/plagiarism will be dealt with as set forth in the university policies of academic dishonesty.

I expect each student to act honestly and to do his or her own work. It is my responsibility and my intention to protect the interests of the honest students. Therefore **CHEATING IN ANY FORM WILL NOT BE TOLERATED**. Now, I don't mind if you help each other with understanding the material; in fact, I encourage it. The key point is this: Anything that you turn in—homework, examinations, whatever—with your name on it must be your own work, composed and written by you without looking at others' work.





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Updates:

This syllabus is subject to modification. Any changes will be announced in class and posted on the instructor's website.

<http://www.yarbis1.yildiz.edu.tr/baysal>

The instructor reserves the right to make changes to this syllabus as necessary.

