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Aalto University
School of Chemical
Engineering

CHEM-E0115 Planning and Execution of Pulp and Paper Investment Project, Periods I & II, 5 cr

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Lectures and project work: 50 h + 85 h

Number of students: 16 (in 2017: 7)

Lectures both at Puu and at Pöyry (Martinlaakso, Vantaa)

- Tom Lind & his Pöyry colleagues
- Kyösti's role only coordination

Project work on greenfield tall oil biorefinery

- All students worked in the same project, different areas
- Visiting Pöyry enables utilisation of real-life tools

Evaluation

- Project work report & presentation, exam
- Peer and self evaluation

Feedback summary; questions 1-7

n=7; scale 1 – 5 (1 = most negative, 5 = most positive)

Question	Average (2017)	Min. – Max.
Overall assessment	4,14 (4,40)	3 – 5
Teaching methods	3,85 (4,40)	2 – 5
I am pleased with my study effort	4,29 (4,40)	4 – 5
Workload compared to other courses	3,43 (2,80)	2 – 5
Correspondence to the description	4,57 (4,80)	4 – 5
Effect on the study motivation	4,29 (4,20)	3 – 5
Difficulty compared to other courses	3,42 (2,80)	3 – 5
The course enhanced my general skills	4,43 (4,20)	3 – 5

Feedback summary; resemblance to real life

Did you receive a comprehensive picture about planning and execution of an investment project, especially from the engineering and project management perspectives?

E=Not applicable, 1=Strongly disagree, 2=Disagree, 3=Neutral, 4=Agree, 5=Completely agree

Average: 4,86 (n=7; variation: 3 – 5)

General comments and suggestions

Some negative feedback on having too much teaching at Pöyry House in Martinlaakso

The project work received positive feedback.

Lectures and materials mostly very good, some lectures “too ambitious”.

The grading system received negative feedback.

Quotations:

- “It was still really nice to visit in the Pöyry-House, maybe next time less teaching there?”
- “The course was all in all very well organized! Group work felt meaningful and I learned a lot.”
- “The grading systems was very weird. It was made almost impossible to get 5 from this course.”

What is your opinion on the project assignment?

Very positive feedback!

One comment on uneven distribution of workload between different teams.

Quotations:

- “The course assignment was very interesting and it is good that it is especially to biomass refining students.”
- “Project assignment was really well arranged and useful. Only the instructions could have been more clear. But in the other hand it was nice that we had to figure out everything by ourselves and not just follow straight”

Conclusions

Based on the student feedback:

- The students were very active and constructive in giving the feedback – thank you!
- Overall, no major changes needed.
- Improvements in evaluation will be introduced.
- We will consider, how much teaching at Pöyry House is necessary/reasonable.