



CHEM-C2740 5 cr

Thank you!



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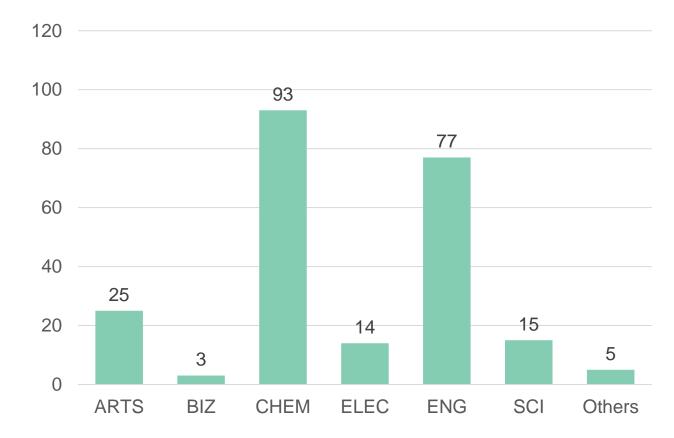


Finished students by department

8.6.2023

231 finished the course

- 284 registered
- 81,3 % passed





LEARNING MATERIAL

EXAMS

Interactive Books:
Learning material with some exercises. Mark as completed by yourself.

Quizzes:

Exercise questions related to the topic. To complete the quiz you need to answer everything

correctly before submitting.

The exam are available once you have completed the interactive books and the quizzes of the section.

Exam:

Unlimited attempts
No time limitation
Not graded

One attempt Time limitation

Graded

Forest





1) Global forests

2) Forests in Finland

Wood







1) Structure & anatomy

2) Built environment

3) Products & applications

■ Wood Exam 50%

Forest Exam 20%

Carbon





1) Carbon cycles

2) Wood products

Aalto University
School of Chemical
Engineering

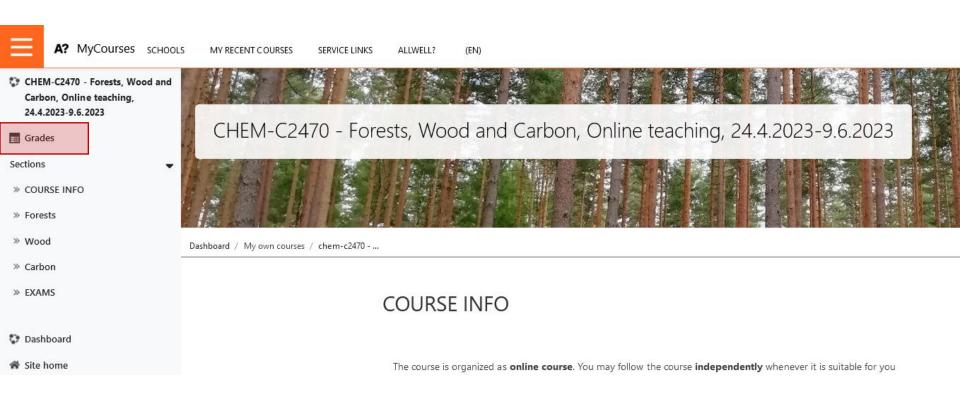
→ Carbon Exam 30%

After the course, students are able...

- to describe the role of forests in the carbon cycle
- to calculate the carbon storage potential of wood
- are able to list the common work phases of life-cycle analysis
- to describe the basic macro-level structure of wood and the basics of wood grain orientation
- to describe how moisture influences wood dimensional changes and strength at the cell-level
- to link the influence of grain angle, knots and other natural features of wood on its movement, appearance, and mechanical properties
- to list the most common wood products and their typical applications

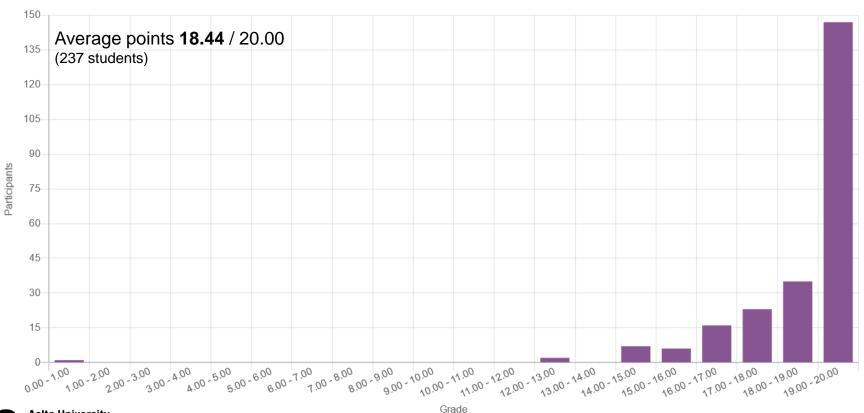


Exam points in MyCourses



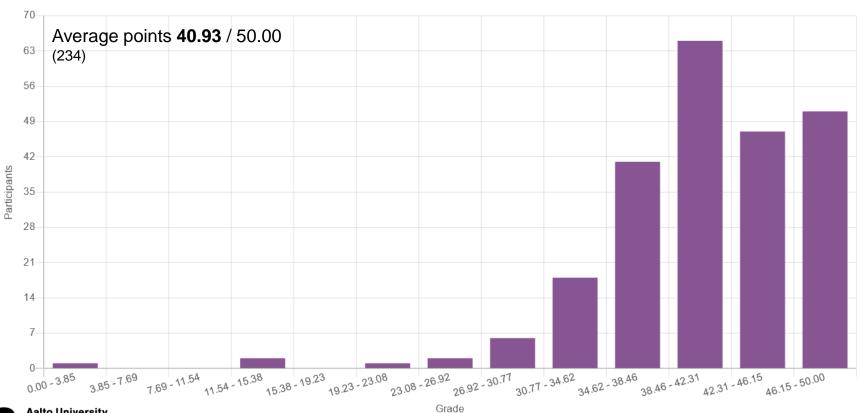


FOREST EXAM



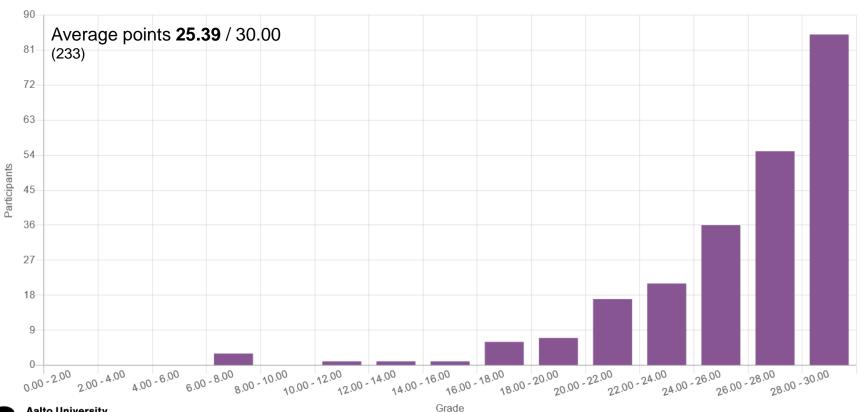


WOOD EXAM





CARBON EXAM

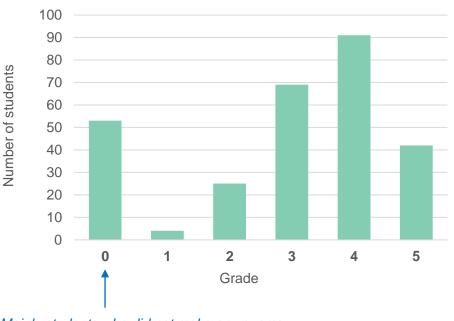




Grading

- Max points 100
- Grading 0-5

grade	min. points	amount	%	
0	0	53	19 %	
1	55	4	1 %	
2	65	25	9 %	
3	75	69	24 %	
4	85	91	32 % 15 %	
5	95	42		





Mainly students who did not make any exams

Course Feedback

- 95 % (219) have to answer
 - So far 146 / 231 answered
- Open in MyCourses until Wed 14th June!!

 Also another Aalto-level webropol form



Submit feedback

After completing all the exams, you need to give comprehensive feedback to pass the course. This way you can **reflect** your learning and we can **develop** online courses in the future.

Fill in the feedback form by Wed 14.6.2023!

There are ~40 questions, so reserve enough time for this!



Feedback form: Aalto Open students!

Submit feedback

Students who registered through Aalto Open University, please fill this form!

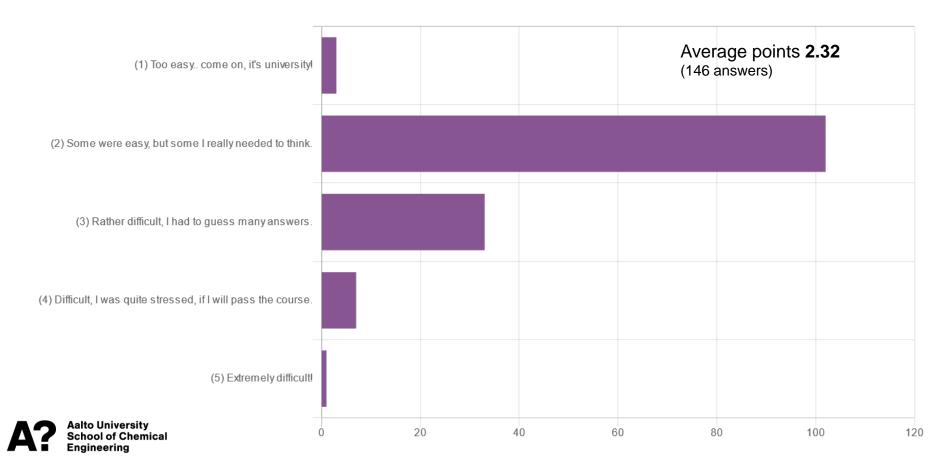
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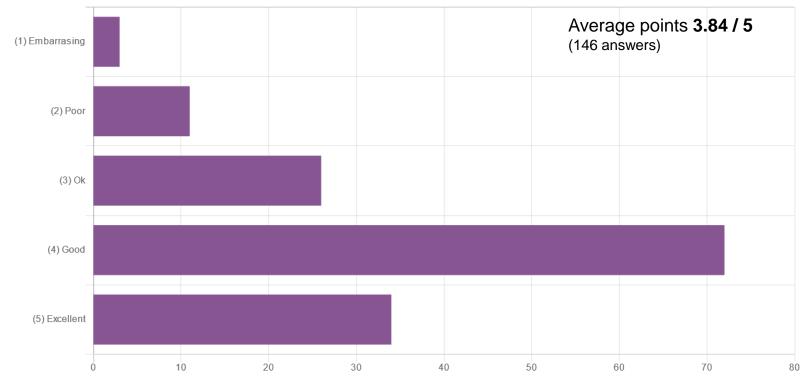
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Were the <u>final exams</u> difficult or easy?



How well did YOU do? Were you able to keep your schedule and do your best?





Revision

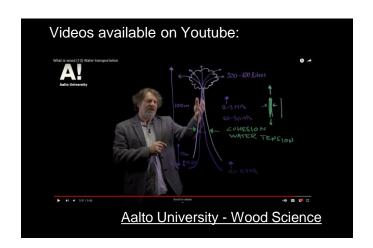
- If you have any questions about the exam or other topics
- Mon 19th June, 10 11:30
- Vuorimiehentie 1 / room L1
- Book a time to this event by 14th June: wood-teaching@aalto.fi

- Re-take the course / improve grade → Next year
 - Instructions: https://www.aalto.fi/en/applications-instructions-and-guidelines/detailed-instructions-on-registering-for-courses-on-sisu



See you again?

wood-teaching@aalto.fi





Aalto Wood -minor (MSc) 2022 - 2024

Pre-requisite

CHEM-C2470 Forests, Wood and Carbon online 5 op

Next time in I-period (4.9.-15.10.2023)

Mandatory courses (10 cr):

CHEM-E2225 Wood Material Science online / III 5 op CHEM-E2235 Wood Products + Processes online IV 5 op

Elective courses (to fulfil 20-25 cr):

	CHEM-E2170	Advanced Wood Science	5 op NEW
	CHEM-E1100	Plant Biomass	5 op
No.	CIV-E4110	Timber Engineering	5 op
	CIV-E4120	Timber Structures	5 ор
	ARK-E401201	Wood in Architecture Construction	5 op
=	ARK-E4008	Industrial Wood Construction	5 op
	SARK-E5016	Woodstudio: Design Project	10 op

CHEM-E2170

- I-period
- Starting Mon 4th Sept
- Max 20 students
 - Students of Fibre and Polymer Engineering major and Aalto Wood minor are prioritized.
- Learn about advanced analytical techniques to examine the material properties of wood
 - Water sorption, chemical composition, mechanical properties



