



Course Analysis for NUMN26 Simulation Tools, Spring 2025

Course Information

Lecturer: Claus Führer, Robert Klöfkorn

Teaching assistants: None.

Number of students:

15 newly registered (29 in total together with FMNN05).
5 students answered the course evaluation.

Examination

Project and Oral presentation: 14 students passed.

Final grades:

In all, 14 students have got their final grade: G (Pass). The course grading scale is G and U (Pass or Fail).

Course Evaluation

Summary of student's answers:

See evaluation below.

Teachers' comments:

The course consists of

- Lectures (on campus)
- 3 Homeworks to be compiled in a final report
- Exercise sessions

The examination is in form of a project discussion with questions from the teacher. This is usually challenging for the students because as soon as some room for interpretation is left, the students struggle to come up with suggestions on how to fill this void. This clearly shows a lack of independence which this course and its setup try to train.

Changes from the previous course realisation:

Compared to the previous course realisation, what changes have been made and what was the outcome.

Suggestions for the next course realisation:

For the next course instance some of the project content might change.

Course evaluation report - CEQ, FMNN05

Basic facts

Course name	Simulation Tools	
Course code	FMNN05	Study hours according the curricula
ECTS credits	7.5 hp	
Year	202425	Lectures 28 h
Study period the course was finished	VT_LP1	Group work 0 h
Programme	all	Laboratories 0 h
Registered students	29	Time with supervisor 3 h
Number answers and response rate	5 / 17 %	
Number answers from males	4	Self study time 169 h
Number answers from females	1	

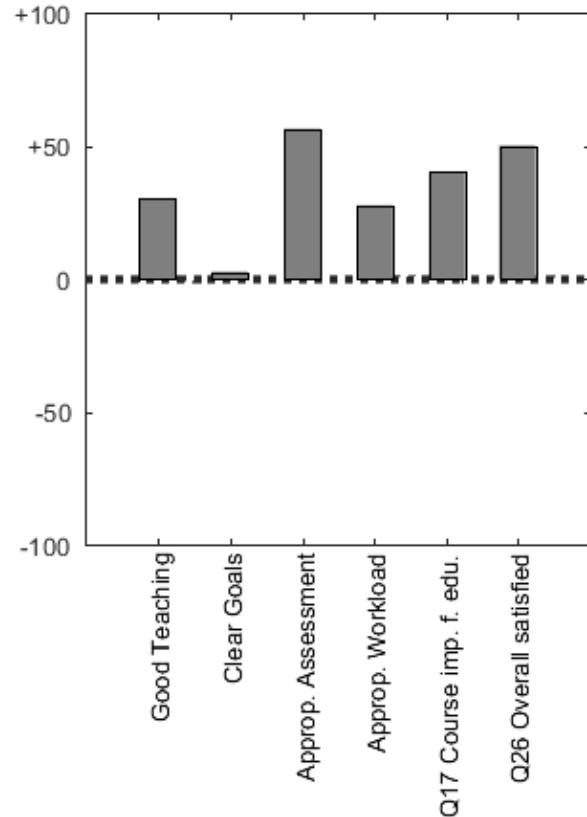
Since less than 20 students have answered the questionnaire no statistical significance tests have been made.

Summary of questionnaires

The CEQ-score span between -100 och +100, there -100 means that "I fully disagree to the statement" and +100 "I fully agree to the statement".

Presence at teaching

Part of teaching	Number	Share
0 %	0	0 %
20 %	1	20 %
40 %	2	40 %
60 %	0	0 %
80 %	1	20 %
100 %	1	20 %



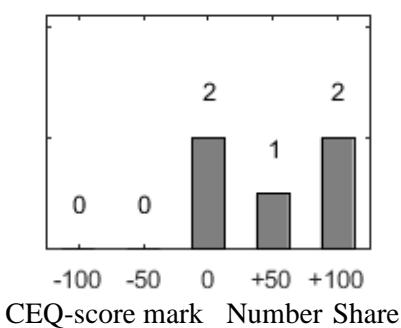
CEQ-scales & special questions

Scale	CEQ-score	StdDev
Good Teaching	+30	37
Clear Goals and Standards	+3	27
Appropriate Assessment	+56	43
Appropriate Workload	+28	22
Generic Skills	+47	32

Special questions

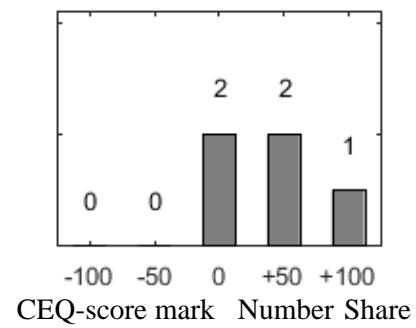
The course seems important for my edu.	+40	42
Overall, I am satisfied with this course	+50	50

Distribution of the answers from question 26: "The course seems important for my education"
"Overall, I am satisfied with this course"



	0	0 %
Dissatisfied (<0)	0	0 %
Neutral (0)	2	40 %
Satisfied (>0)	3	60 %
No answer	0	0 %

Mean of CEQ-score	+50
Standard deviation (StdDev)	50

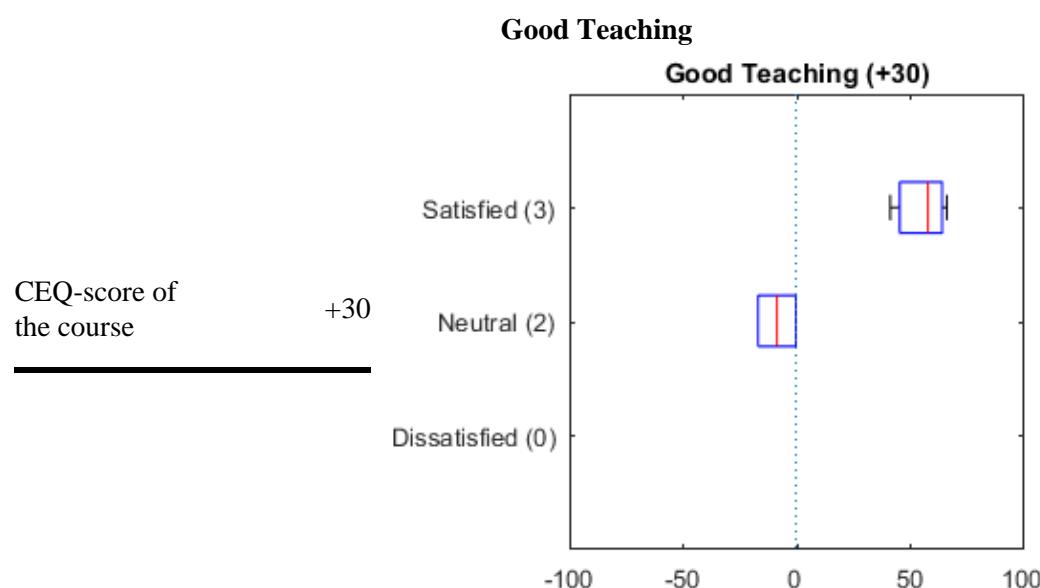


	0	0 %
-100	0	0 %
-50	0	0 %
+0	2	40 %
+50	2	40 %
+100	1	20 %

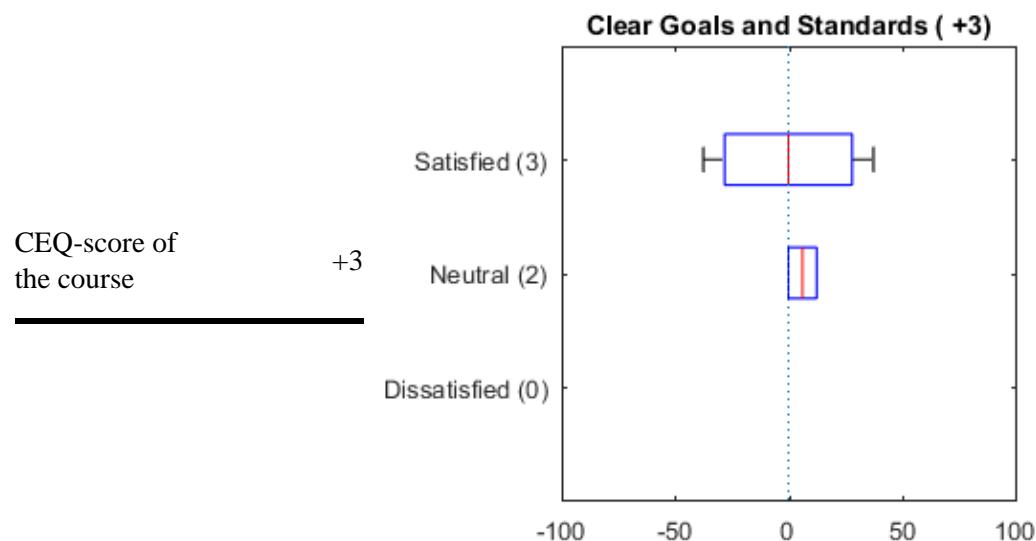
Mean of CEQ-score	+40
Standard deviation (StdDev)	42

Summary scales divided on satisfaction

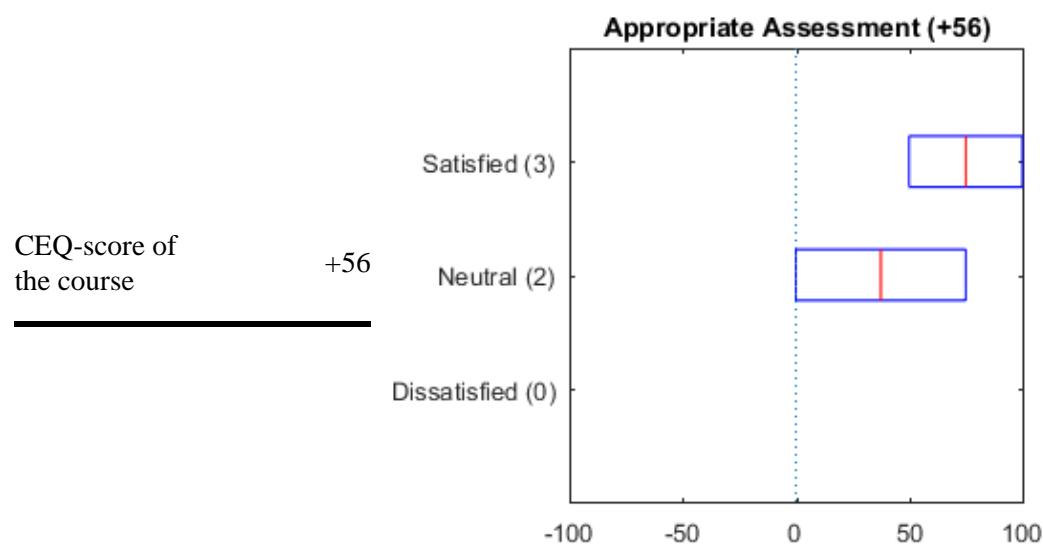
Statistical examination has not been done due to at least two groups consist of less than five students



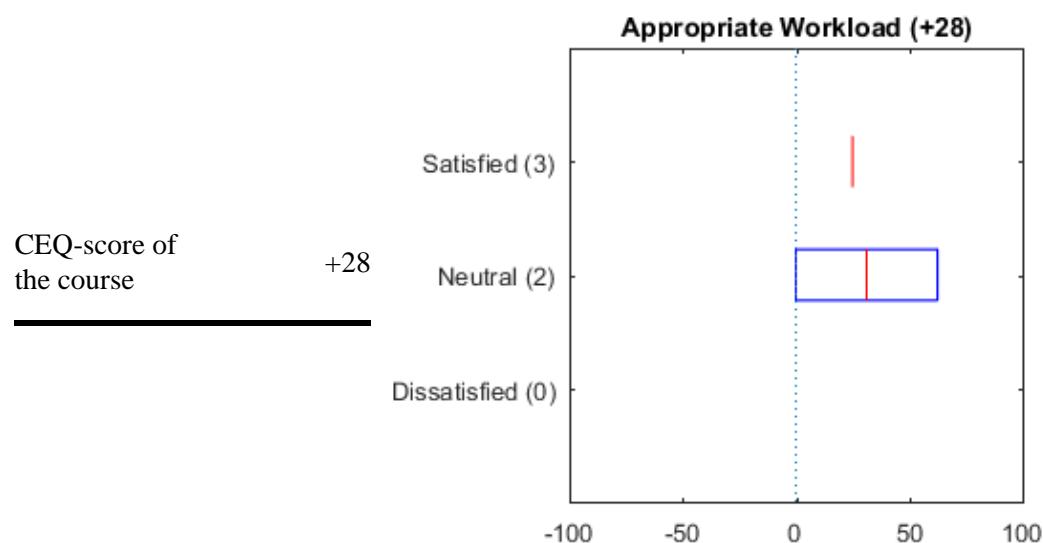
Clear Goals and Standards

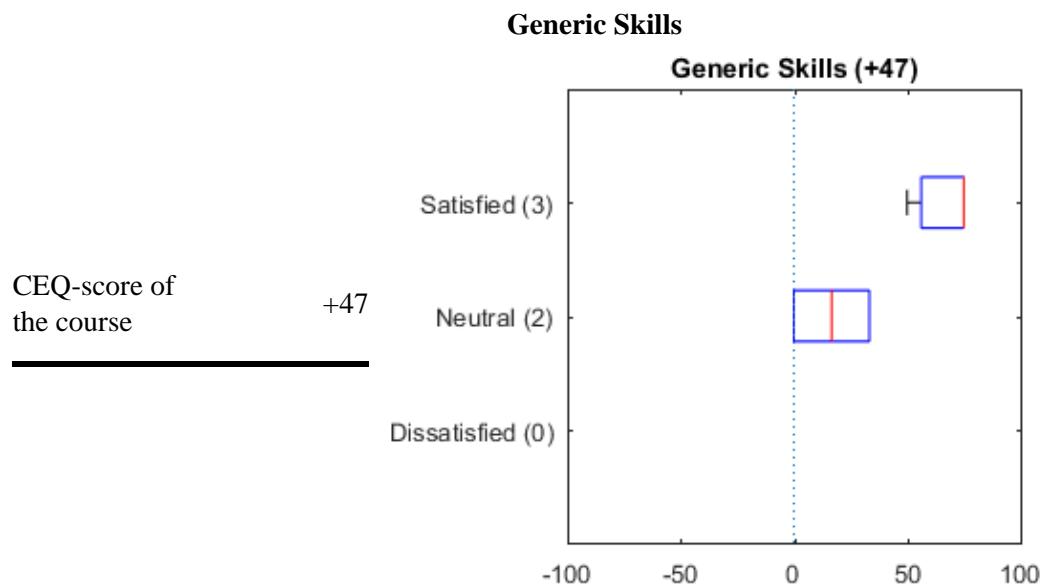


Appropriate Assessment



Appropriate Workload





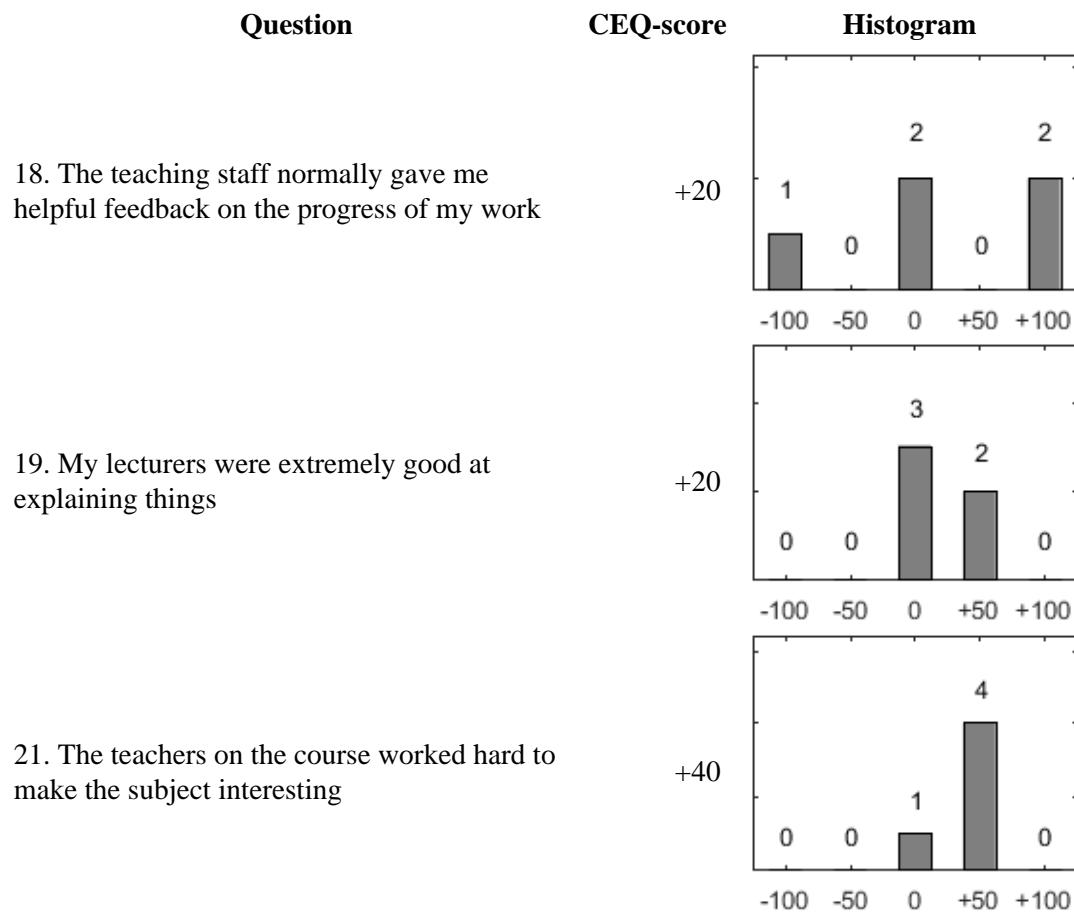
Answers to each question

The questions in bold are reverse positive.

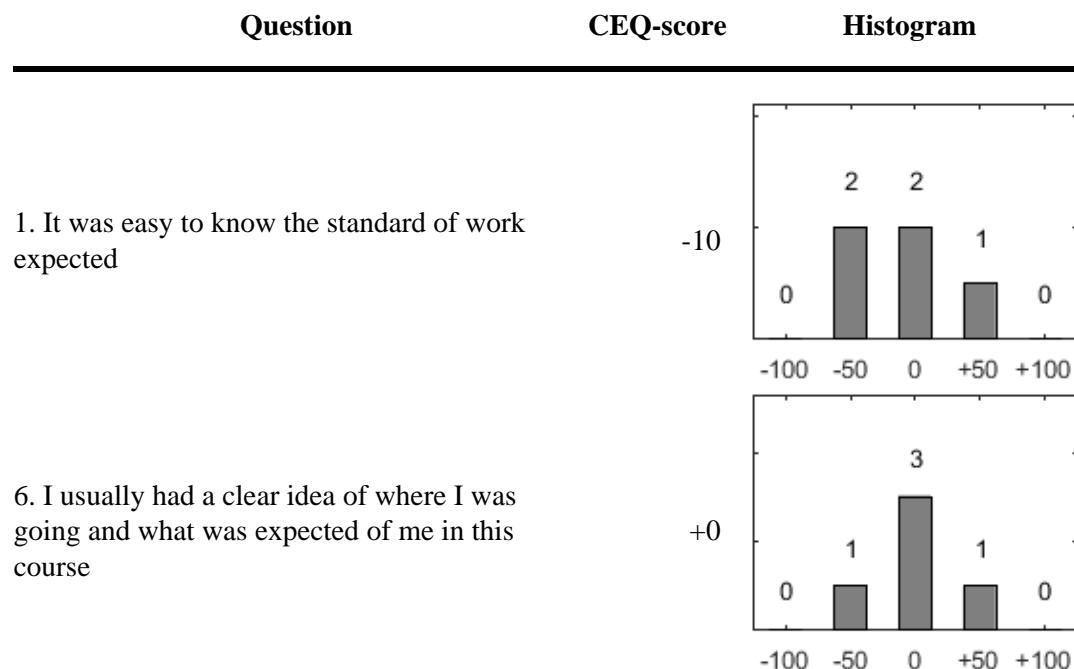
Statistical examination between dissatisfied and satisfied has not been done due to at least one of the groups consist of less than five students

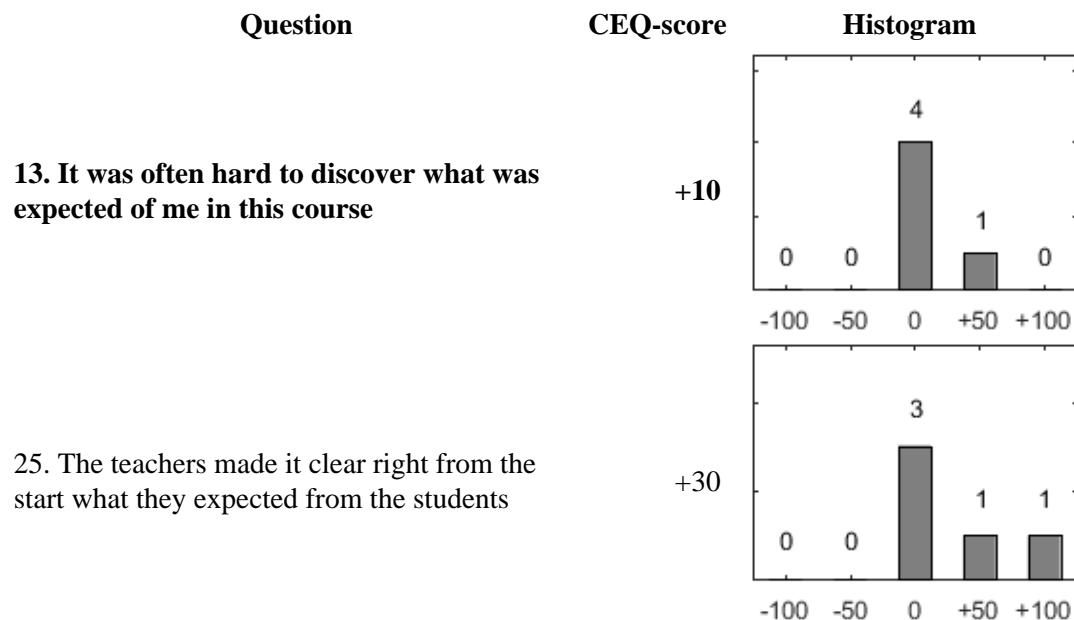
Good Teaching (+30)

Question	CEQ-score	Histogram										
3. The teaching has motivated me to do my best	+50	<table border="1"> <tr><td>0</td><td>0</td><td>2</td><td>2</td></tr> <tr><td>-100</td><td>-50</td><td>0</td><td>+50</td><td>+100</td></tr> </table>	0	0	2	2	-100	-50	0	+50	+100	
0	0	2	2									
-100	-50	0	+50	+100								
7. During the course I have received many valuable comments on my achievements	+0	<table border="1"> <tr><td>1</td><td>3</td><td>1</td></tr> <tr><td>-100</td><td>-50</td><td>0</td><td>+50</td><td>+100</td></tr> </table>	1	3	1	-100	-50	0	+50	+100		
1	3	1										
-100	-50	0	+50	+100								
15. The teachers made a real effort to understand the problems and difficulties one might be having in this course	+50	<table border="1"> <tr><td>0</td><td>0</td><td>1</td><td>3</td><td>1</td></tr> <tr><td>-100</td><td>-50</td><td>0</td><td>+50</td><td>+100</td></tr> </table>	0	0	1	3	1	-100	-50	0	+50	+100
0	0	1	3	1								
-100	-50	0	+50	+100								

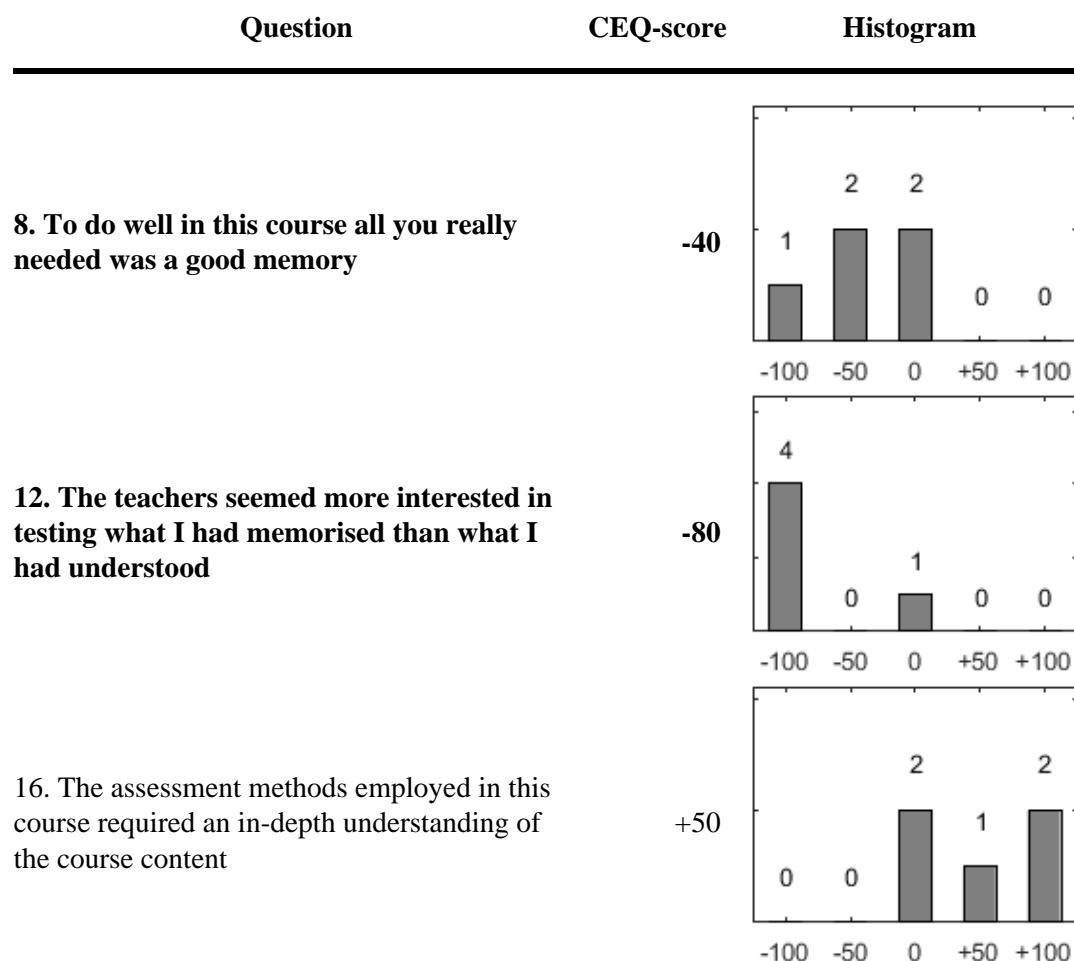


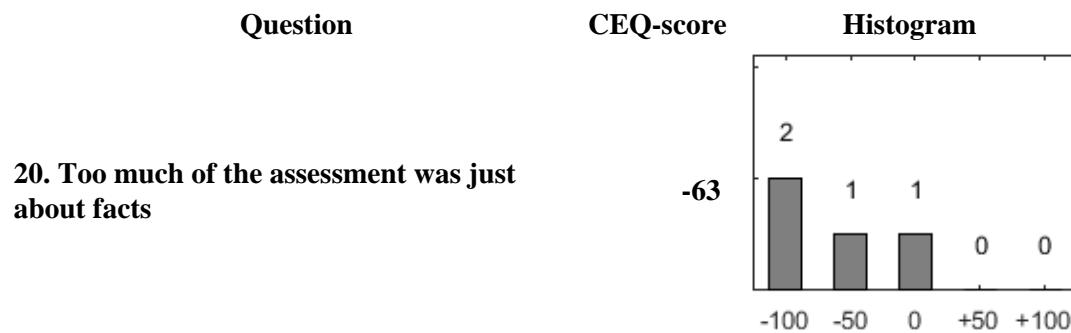
Clear Goals and Standards (+3)



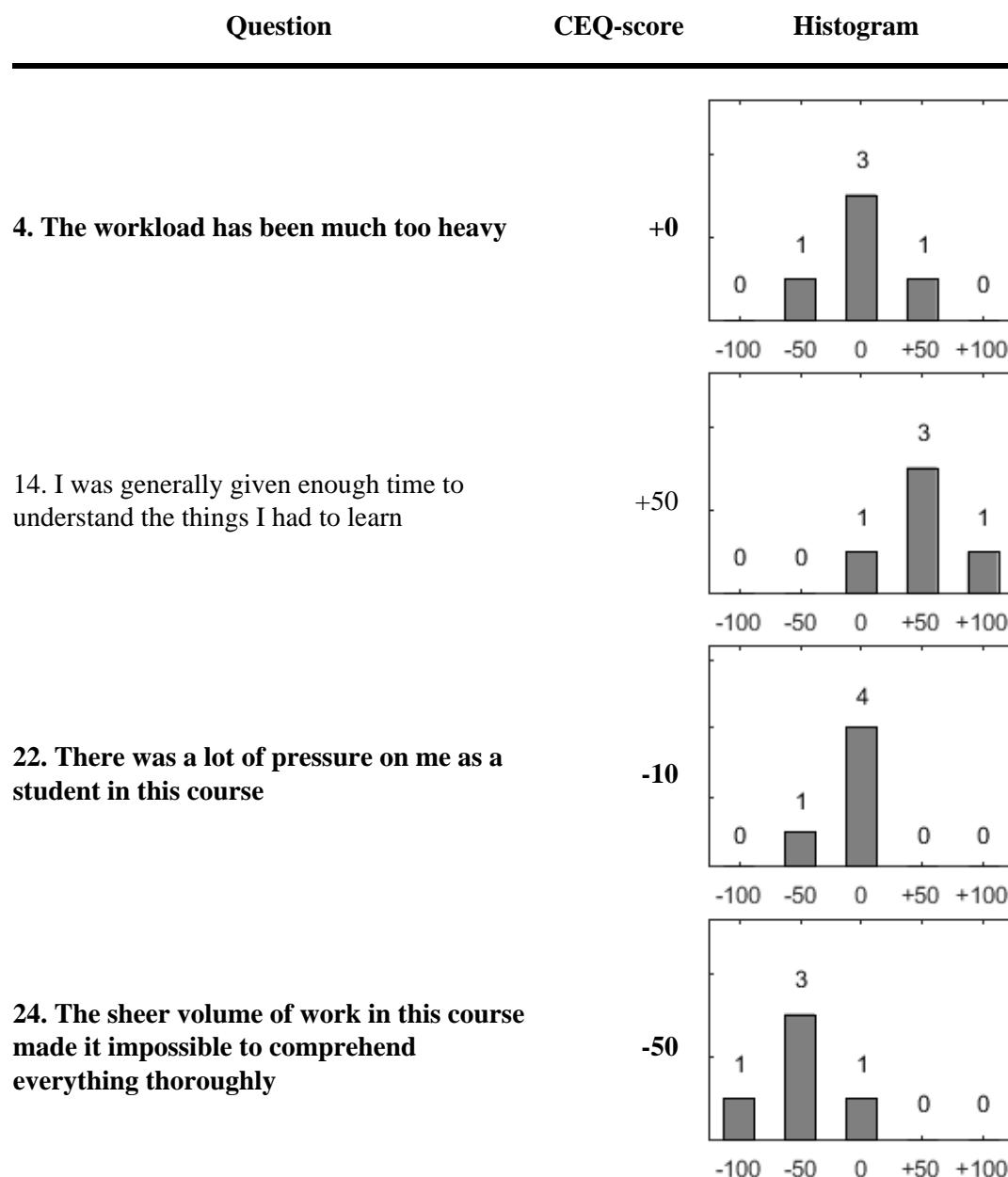


Appropriate Assessment (+56)

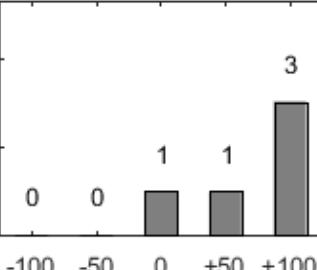
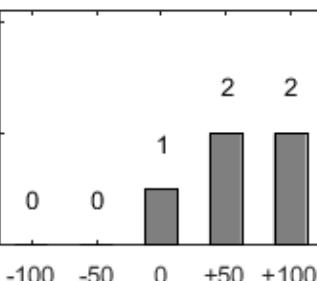
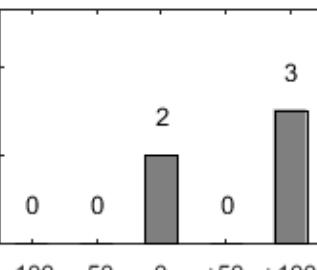
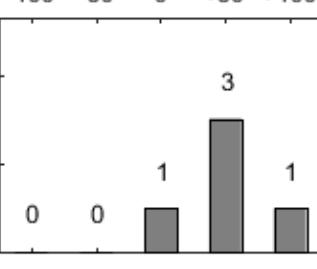
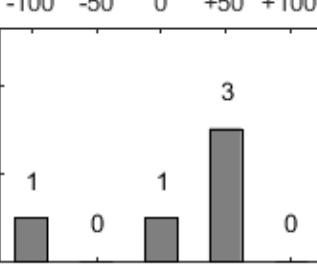
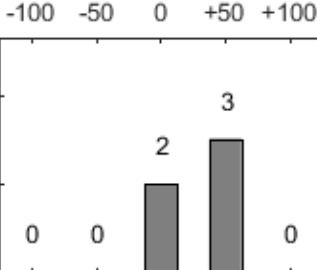




Appropriate Workload (+28)



Generic Skills (+47)

Question	CEQ-score	Histogram										
2. The course has developed my problem-solving skills	+70	 <table border="1"> <tr><td>-100</td><td>-50</td><td>0</td><td>+50</td><td>+100</td></tr> <tr><td>0</td><td>0</td><td>1</td><td>1</td><td>3</td></tr> </table>	-100	-50	0	+50	+100	0	0	1	1	3
-100	-50	0	+50	+100								
0	0	1	1	3								
5. The course has sharpened my analytic skills	+60	 <table border="1"> <tr><td>-100</td><td>-50</td><td>0</td><td>+50</td><td>+100</td></tr> <tr><td>0</td><td>0</td><td>1</td><td>2</td><td>2</td></tr> </table>	-100	-50	0	+50	+100	0	0	1	2	2
-100	-50	0	+50	+100								
0	0	1	2	2								
9. The course helped me develop my ability to work in a group	+60	 <table border="1"> <tr><td>-100</td><td>-50</td><td>0</td><td>+50</td><td>+100</td></tr> <tr><td>0</td><td>0</td><td>2</td><td>0</td><td>3</td></tr> </table>	-100	-50	0	+50	+100	0	0	2	0	3
-100	-50	0	+50	+100								
0	0	2	0	3								
10. The course has made me feel more confident about tackling new and unfamiliar problems	+50	 <table border="1"> <tr><td>-100</td><td>-50</td><td>0</td><td>+50</td><td>+100</td></tr> <tr><td>0</td><td>0</td><td>1</td><td>3</td><td>1</td></tr> </table>	-100	-50	0	+50	+100	0	0	1	3	1
-100	-50	0	+50	+100								
0	0	1	3	1								
11. The course has improved my skills in written communication	+10	 <table border="1"> <tr><td>-100</td><td>-50</td><td>0</td><td>+50</td><td>+100</td></tr> <tr><td>0</td><td>0</td><td>1</td><td>3</td><td>0</td></tr> </table>	-100	-50	0	+50	+100	0	0	1	3	0
-100	-50	0	+50	+100								
0	0	1	3	0								
23. The course has helped me to develop the ability to plan my work	+30	 <table border="1"> <tr><td>-100</td><td>-50</td><td>0</td><td>+50</td><td>+100</td></tr> <tr><td>0</td><td>0</td><td>2</td><td>3</td><td>0</td></tr> </table>	-100	-50	0	+50	+100	0	0	2	3	0
-100	-50	0	+50	+100								
0	0	2	3	0								

Free text answers

The free text answers are pre-reviewed by the students' representatives.

What were the best aspects of the course

Satisfied students

The course content. It put many already learned stuff into a new light.

Neutral students

Dissatisfied students

What aspects of the course are most in need of improvement?

Satisfied students

Check-ins on how the main report goes.

Neutral students

Dissatisfied students