

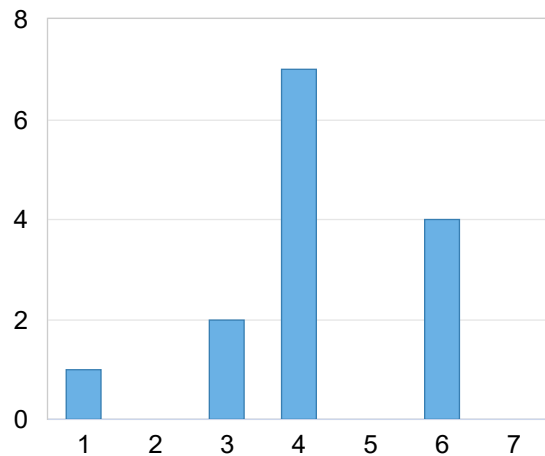


HT2022-TRIS22_T2301_Research Methods for Intelligent Systems

Respondents: 18
Answer Count: 14
Answer Frequency: 77.78%

Before the start of the course, I had high expectations.
1 = Do not agree at all
7 = Agree completely

Before the start of the course, I had high expectations. 1 = Do not agree at all 7 = Agree completely	Number of responses
1	1 (7.1%)
2	0 (0.0%)
3	2 (14.3%)
4	7 (50.0%)
5	0 (0.0%)
6	4 (28.6%)
7	0 (0.0%)
Total	14 (100.0%)



● Before the start of the course, I had hi...



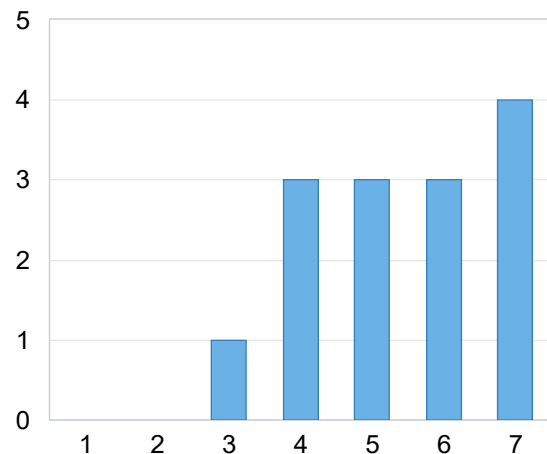
	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
Before the start of the course, I had high expectations. 1 = Do not agree at all 7 = Agree completely	4.2	1.4	33.8 %	1.0	4.0	4.0	5.0	6.0

The intended learning outcomes (Syllabus) were clear. 1 = Do not agree at all 7 = Agree completely

The intended learning outcomes (Syllabus) were clear.

1 = Do not agree at all
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	Number of responses
1	0 (0.0%)
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3	1 (7.1%)
4	3 (21.4%)
5	3 (21.4%)
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7	4 (28.6%)
Total	14 (100.0%)



● The intended learning outcomes (Sylla...

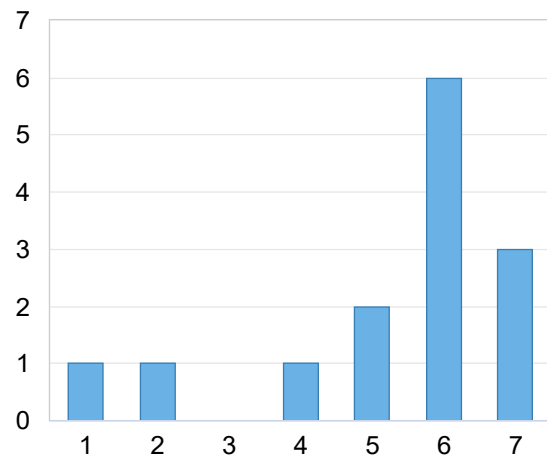
	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
The intended learning outcomes (<u>Syllabus</u>) were clear. 1 = Do not agree at all 7 = Agree completely	5.4	1.3	24.7 %	3.0	4.5	5.5	6.5	7.0



The course was well organised and structured.

1 = Do not agree at all
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The course was well organised and structured. 1 = Do not agree at all 7 = Agree completely	Number of responses
1	1 (7.1%)
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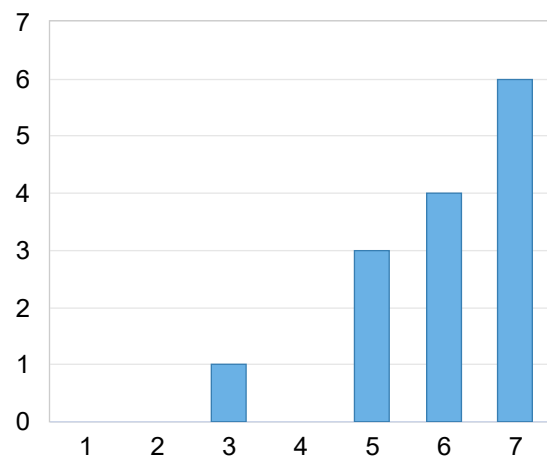
	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
The course was well organised and structured. 1 = Do not agree at all 7 = Agree completely	5.3	1.8	34.4 %	1.0	5.0	6.0	6.0	7.0

All information I needed to follow and fulfil the course requirements was available in the study guide.

1 = Do not agree at all

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	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
All information I needed to follow and fulfil the course requirements was available in the study guide. 1 = Do not agree at all 7 = Agree completely	6.0	1.2	19.6 %	3.0	5.5	6.0	7.0	7.0



It was clear from the start what I needed to do to achieve a certain grade.

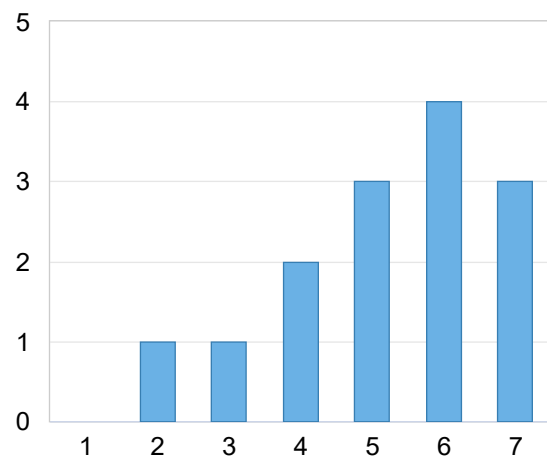
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	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
It was clear from the start what I needed to do to achieve a certain grade. 1 = Do not agree at all 7 = Agree completely	5.2	1.5	29.3 %	2.0	4.5	5.5	6.0	7.0



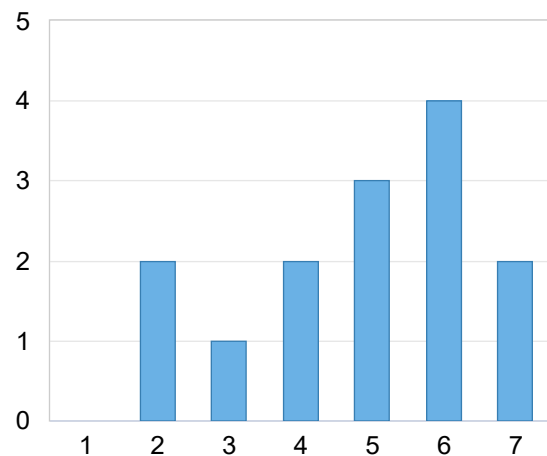
The time that I spent on the course (timetabled hours and independent study) corresponds to the number of credits that the course is worth. Please feel free to comment.

1 = Do not agree at all

7 = Agree completely

The time that I spent on the course (timetabled hours and independent study) corresponds to the number of credits that the course is worth. Please feel free to comment.
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The time spent depends on one's ability to find and read papers for the seminars and for the literature review, and thus depends on the topic chosen.

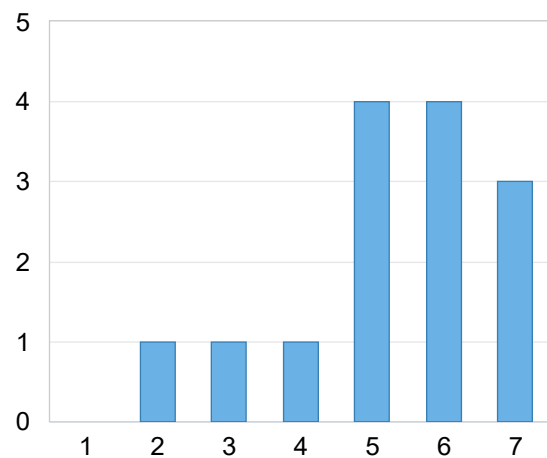
Not any more or less than other courses (maybe slightly more). But definitely less than 40h per week.

I had sufficient prior knowledge to understand and make sense of the course content.

1 = Do not agree at all

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I had sufficient prior knowledge to understand and make sense of the course content. 1 = Do not agree at all 7 = Agree completely	Number of responses
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	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
I had sufficient prior knowledge to understand and make sense of the course content. 1 = Do not agree at all 7 = Agree completely	5.3	1.5	28.2 %	2.0	5.0	5.5	6.0	7.0

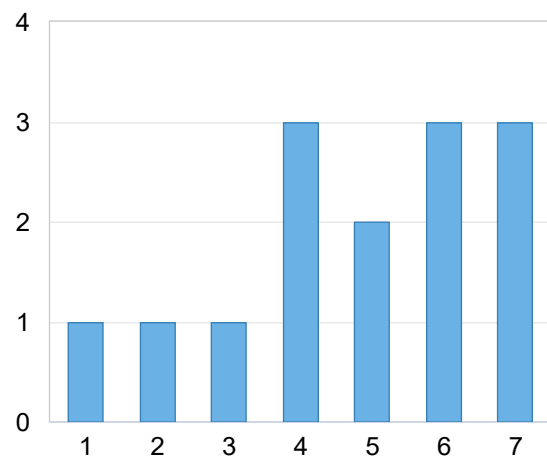
The combination of learning activities (for example lectures, exercises, seminars, projects, laboratory sessions and independent study) encouraged me to do my absolute best. Please feel free to comment.

1 = Do not agree at all

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The combination of learning activities (for example lectures, exercises, seminars, projects, laboratory sessions and independent study) encouraged me to do my absolute best. Please feel free to comment.
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7	3 (21.4%)
Total	14 (100.0%)



● The combination of learning activities ...



	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
The combination of learning activities (for example lectures, exercises, seminars, projects, laboratory sessions and independent study) encouraged me to do my absolute best. Please feel free to comment. 1 = Do not agree at all 7 = Agree completely	4.8	1.9	39.5 %	1.0	4.0	5.0	6.0	7.0

Even though the course's main focus was the teaching us how to conduct research and write a literature review, only two lectures were specifically centered across that. The coding assignment work also felt like a placeholder and I personally found it redundant. Finally, the several mandatory seminars is something I also did not enjoy as I don't see any reason for students to be "forced" to attend seminars almost every week and getting to write an assignment in punishment-like style if they miss one, when the main focus of this course is prepare the students for thesis work by writing the literature review properly.

Unfortunately I was not able to focus on the literature review from the start, since I had to prepare different papers for the seminars. Some concepts were also presented during the course that were useful for the literature review, so starting to work on it later had more sense to me, even if the time isn't enough to then do a good job.

Too many seminars

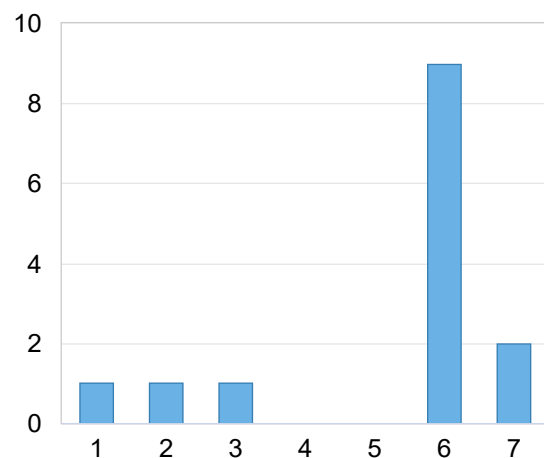
Definitely the most successful seminars so far in the program. The fact that they were mandatory is good, in other courses we've had seminars where almost nobody turned up, which definitely makes them less meaningful.

The part about how to write a literature review was lacking.

The course challenged me to explore ideas and concepts in depth.

1 = Do not agree at all
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The course challenged me to explore ideas and concepts in depth. 1 = Do not agree at all 7 = Agree completely		Number of responses
1		1 (7.1%)
2		1 (7.1%)
3		1 (7.1%)
4		0 (0.0%)
5		0 (0.0%)
6		9 (64.3%)
7		2 (14.3%)
Total		14 (100.0%)



● The course challenged me to explore i...

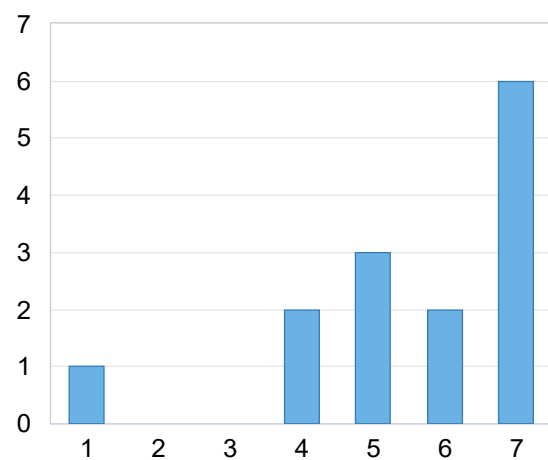
	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
The course challenged me to explore ideas and concepts in depth. 1 = Do not agree at all 7 = Agree completely	5.3	1.9	35.1 %	1.0	6.0	6.0	6.0	7.0

The collaboration between the students participating in the course worked well.

1 = Do not agree at all

7 = Agree completely

The collaboration between the students participating in the course worked well. 1 = Do not agree at all 7 = Agree completely	Number of responses
1	1 (7.1%)
2	0 (0.0%)
3	0 (0.0%)
4	2 (14.3%)
5	3 (21.4%)
6	2 (14.3%)
7	6 (42.9%)
Total	14 (100.0%)



● The collaboration between the student...

	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
The collaboration between the students participating in the course worked well. 1 = Do not agree at all 7 = Agree completely	5.6	1.7	31.3 %	1.0	5.0	6.0	7.0	7.0

The teachers involved in the course managed to make the subject content understandable.

1 = Do not agree at all

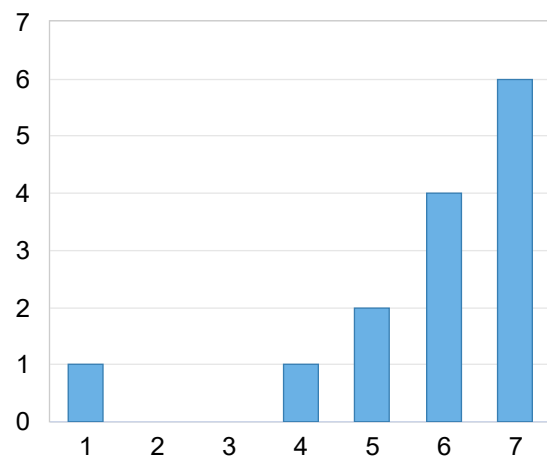
7 = Agree completely

The teachers involved in the course managed to make the subject content understandable.

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3	0 (0.0%)
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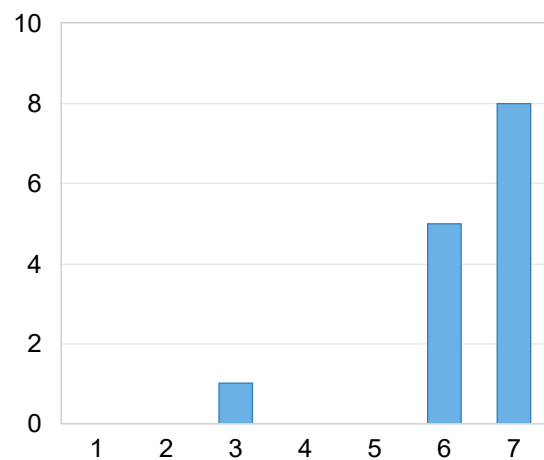
● The teachers involved in the course m...

	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
The teachers involved in the course managed to make the subject content understandable. 1 = Do not agree at all 7 = Agree completely	5.8	1.7	28.9 %	1.0	5.5	6.0	7.0	7.0

I was able to get in contact with the teachers of the course when needed.

1 = Do not agree at all
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I was able to get in contact with the teachers of the course when needed. 1 = Do not agree at all 7 = Agree completely	Number of responses
1	0 (0.0%)
2	0 (0.0%)
3	1 (7.1%)
4	0 (0.0%)
5	0 (0.0%)
6	5 (35.7%)
7	8 (57.1%)
Total	14 (100.0%)



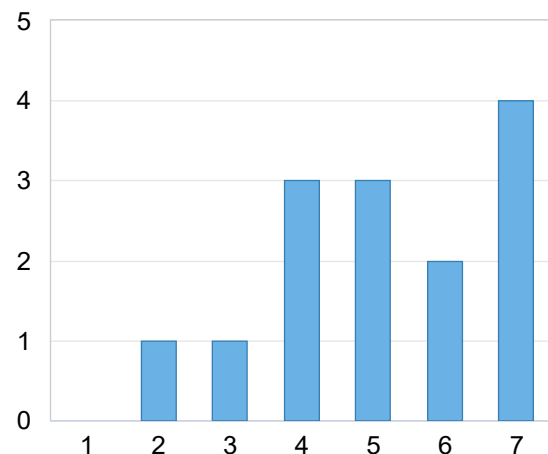
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	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
I was able to get in contact with the teachers of the course when needed. 1 = Do not agree at all 7 = Agree completely	6.4	1.1	17.0 %	3.0	6.0	7.0	7.0	7.0

During the course, I received feedback (for example from teachers, students and learning activities) that contributed to my learning.

1 = Do not agree at all
7 = Agree completely

	Number of responses
1	0 (0.0%)
2	1 (7.1%)
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6	2 (14.3%)
7	4 (28.6%)
Total	14 (100.0%)



● During the course, I received feedback...

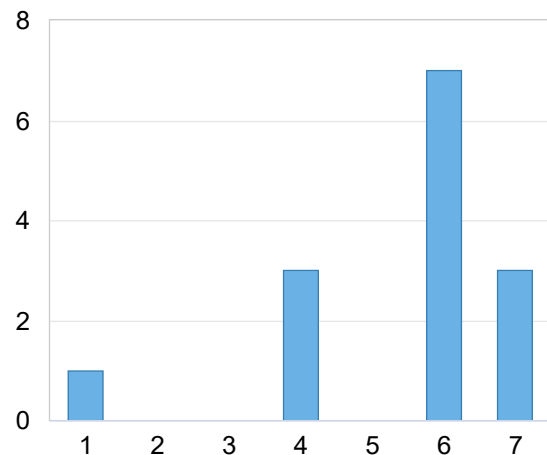
	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
During the course, I received feedback (for example from teachers, students and learning activities) that contributed to my learning. 1 = Do not agree at all 7 = Agree completely	5.1	1.6	31.3 %	2.0	4.0	5.0	6.5	7.0

The course content was interesting and relevant to my studies.

1 = Do not agree at all
7 = Agree completely

The course content was interesting and relevant to my studies.
1 = Do not agree at all
7 = Agree completely

	Number of responses
1	1 (7.1%)
2	0 (0.0%)
3	0 (0.0%)
4	3 (21.4%)
5	0 (0.0%)
6	7 (50.0%)
7	3 (21.4%)
Total	14 (100.0%)



● The course content was interesting an...

	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
The course content was interesting and relevant to my studies. 1 = Do not agree at all 7 = Agree completely	5.4	1.7	30.4 %	1.0	5.0	6.0	6.0	7.0

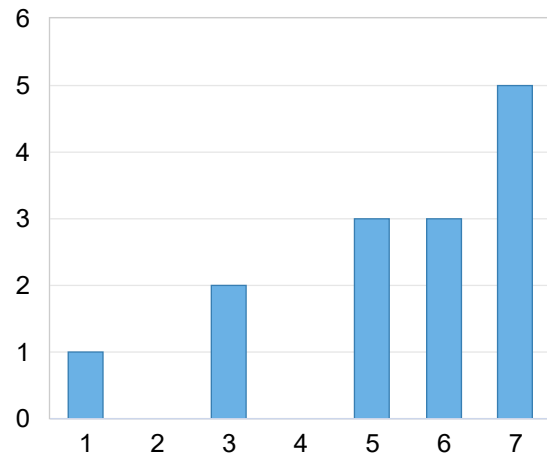


The teaching spaces were well suited for the course.

1 = Do not agree at all
7 = Agree completely

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1 = Do not agree at all
7 = Agree completely

	Number of responses
1	1 (7.1%)
2	0 (0.0%)
3	2 (14.3%)
4	0 (0.0%)
5	3 (21.4%)
6	3 (21.4%)
7	5 (35.7%)
Total	14 (100.0%)



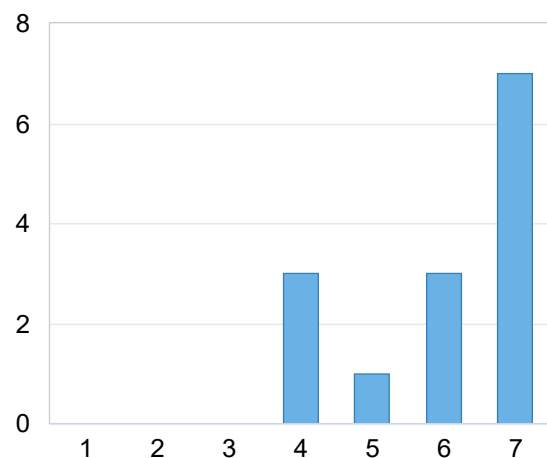
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	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
The teaching spaces were well suited for the course. 1 = Do not agree at all 7 = Agree completely	5.4	1.9	34.8 %	1.0	5.0	6.0	7.0	7.0

I had good access to computers and software needed for the course.

1 = Do not agree at all
7 = Agree completely

I had good access to computers and software needed for the course. 1 = Do not agree at all 7 = Agree completely	Number of responses
1	0 (0.0%)
2	0 (0.0%)
3	0 (0.0%)
4	3 (21.4%)
5	1 (7.1%)
6	3 (21.4%)
7	7 (50.0%)
Total	14 (100.0%)



● I had good access to computers and s...

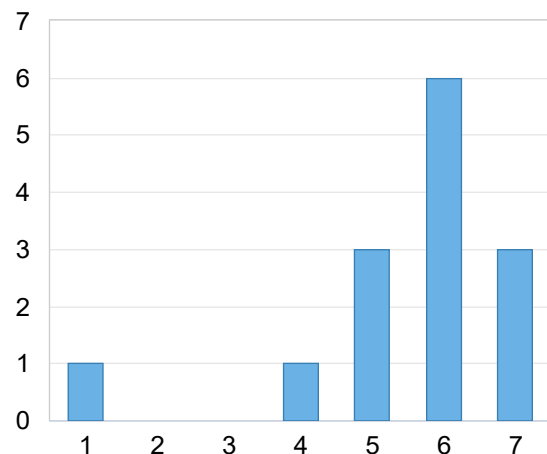
	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
I had good access to computers and software needed for the course. 1 = Do not agree at all 7 = Agree completely	6.0	1.2	20.7 %	4.0	5.5	6.5	7.0	7.0

Below are statements about the delivery of the course in relation to the intended learning outcomes. Please review your previous responses before you continue.

The literature and other resources were appropriate in relation to the intended learning outcomes and the delivery of the course.

1 = Do not agree at all
7 = Agree completely

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1	1 (7.1%)
2	0 (0.0%)
3	0 (0.0%)
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6	6 (42.9%)
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Total	14 (100.0%)



● The literature and other resources wer...

	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
The literature and other resources were appropriate in relation to the intended learning outcomes and the delivery of the course. 1 = Do not agree at all 7 = Agree completely	5.5	1.6	28.3 %	1.0	5.0	6.0	6.0	7.0

The examination methods used were relevant in relation to the intended learning outcomes.

1 = Do not agree at all

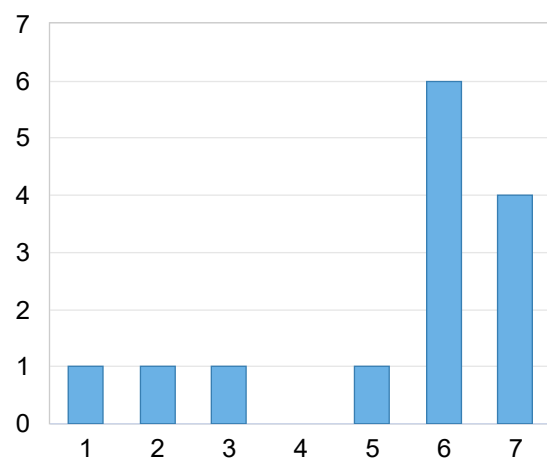
7 = Agree completely

The examination methods used were relevant in relation to the intended learning outcomes.

1 = Do not agree at all

7 = Agree completely

	Number of responses
1	1 (7.1%)
2	1 (7.1%)
3	1 (7.1%)
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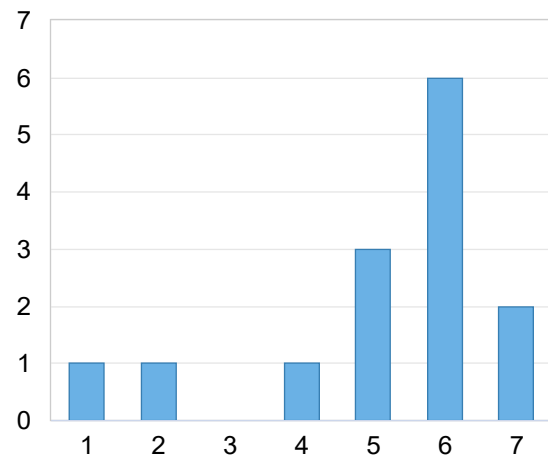
● The examination methods used were r...

	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
The examination methods used were relevant in relation to the intended learning outcomes. 1 = Do not agree at all 7 = Agree completely	5.4	1.9	36.3 %	1.0	5.5	6.0	6.5	7.0

My opinion of the course as a whole.

1 = Not at all satisfied
7 = Very satisfied

My opinion of the course as a whole. 1 = Not at all satisfied 7 = Very satisfied	Number of responses
1	1 (7.1%)
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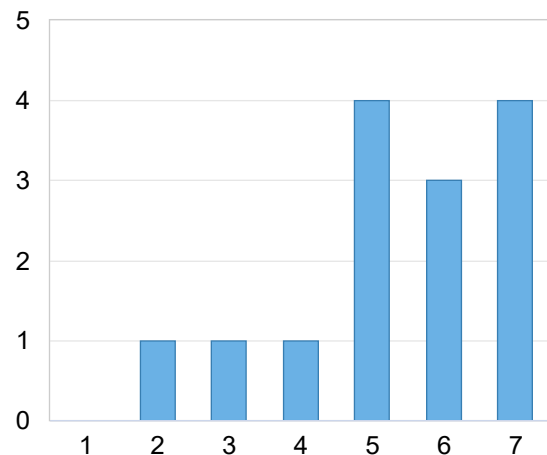
● My opinion of the course as a whole. 1...

	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
My opinion of the course as a whole. 1 = Not at all satisfied 7 = Very satisfied	5.1	1.7	34.0 %	1.0	5.0	6.0	6.0	7.0

I had sufficient prior knowledge to follow the various parts of the course.

1 = Do not agree at all
7 = Agree completely

	Number of responses
1	0 (0.0%)
2	1 (7.1%)
3	1 (7.1%)
4	1 (7.1%)
5	4 (28.6%)
6	3 (21.4%)
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Total	14 (100.0%)



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	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
I had sufficient prior knowledge to follow the various parts of the course. 1 = Do not agree at all 7 = Agree completely	5.4	1.5	28.9 %	2.0	5.0	5.5	6.5	7.0

The following questions allow you to respond in your own words. It is recommended to start with the questions where your answers are towards the ends of the scale and explain why. Be as specific as possible! You can also make other comments that you believe could benefit the course.

What about the course do you think is most valuable to keep as it is?

What about the course do you think is most valuable to keep as it is?

Lectures and discussions about the types of paper, articles, research. The informations on how to perform a literature review, where to find articles. The push to start working on the thesis.

Regular seminars discuss meaningful content.

The examination structure, seminars and literature review, are good.

Everything was fine!

The seminars

Many seminars help me to know how to summarize a paper

Good paper materials to prepare for seminars

Reading a lot of literature

What about the course do you think is most important to change or improve?

What about the course do you think is most important to change or improve?

The examination work on weekly basis and the mandatory nature of the seminars should be changed as those felt like a chore, in my opinion, instead of motivating students to work on the course subject.

Way too much focus has been given in the theoretical aspects of academic communication instead of the practical writing part.

First of all, i believe this course should have been conducted in the second tri-mester, because we were constantly told to do the literature review based on our thesis idea, but most of the people don't already have a thesis idea by September. So that makes students pick anything just to do the literature review.

Moreover, the constant mandatory seminars felt like a chore and didn't make me personally eager to study apart from that seminar. If you missed one seminar for whatever reason, you had to write a 1000 word essay which i find absolutely redundant when the whole course is so demanding and students are trying to catch up deadlines. Personally, i believe that instead of numerous mandatory seminars, we could have more lectures about how to actually conduct our literature review with examples.

We had various lectures about presenting yourself or presenting your research, but this doesn't seem to be stated in the learning outcomes. I think that those lectures were interesting, but I don't think they fit this course. In particular, I'd suggest to move these lectures to the later part of the course, and more seminars at the beginning.

This way it's easier for students to start focussing on their own literature review earlier on, as seminars are done.

The topic of one of the seminars wasn't clear, the teacher focussed on statistical evaluation while most students I asked thought that the topic was applied research papers, as a follow-up to the previous seminar on basic research papers.

Talking about statistical evaluation, it would have been beneficial to learn from papers that perform statistical evaluation, instead most of that seminar was spent seeing that most papers don't perform it.

One of the experiments in this course has little to do with the course itself and provides little reference information.

Too many mandatory seminars

Maybe not have the course right away and have it in the second period. Then I think the thesis is more determined and you don't have the struggle to force a topic and write a literature review on it

Number of papers to read

Improvements to how the parts of the actual process of writing.

Maybe more teaching on research gap because it should be written in the final literature report to pass it but I felt confused about what it means and what I should write when writing it

Get better knowledge on how to write a literature review



Other comments

Other comments

I think that in general the content and purpose of the course doesn't adhere well with the Intended Learning Outcomes.

I also think that the student work on the Literature review could be divided in two parts, one in this course and one in the next State-of-the-Art course. I'm sure most students will find useful concepts in that other course that they'll want to include in the actual Background section of their thesis.

I was surprised by how interesting and fun it was.