Oakland University SECS Evaluations Administrator

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Courses

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Reports

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| Module: coursereport | User : Kaiqi Zhao | Date : 4/29/2025 11:45 AM |

14450 : CSI 4140 - Deep Learning and Applications (Winter Semester 2025)

Instructor : Kaiqi Zhao
Survey : SECS Survey
12 student response(s) gathered between Thu, Apr 10, 2025 12:00 AM - Sat, Apr 19, 2025 11:59 PM

SUMMARY FOR QUESTIONS USING A NUMERIC RESPONSE SET

Seq.	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q2
1	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	8
2	5	5	5	5	5	5	5	5	5	5	5	5	2	5	3	4	5	5	3	8
3	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	2	8
4	5	5	3	3	4	3	4	3	5	4	4	4	*0**	4	*0**	*0**	4	5	4	8
5	3	3	3	3	3	5	5	4	*0**	4	5	4	*0**	4	*0**	4	4	4	3	6
6	5	5	5	5	5	5	5	5	5	5	5	5	*0**	*0**	*0**	*0**	5	4	4	3
7	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	7
8	5	5	5	5	5	5	5	5	5	5	5	5	3	3	3	2	5	5	1	8
9	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	3	8
10	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	8
11	4	5	5	5	4	5	4	5	4	5	5	5	3	5	3	3	5	4	4	7
12	4	4	4	4	4	4	4	3	5	4	4	4	4	4	4	3	5	5	5	8
Total	55	56	54	54	54	56	56	54	53	56	57	56	36	49	37	40	57	57	43	87
N	12	12	12	12	12	12	12	12	11	12	12	12	9	11	9	10	12	12	12	12
AVG	4.6	4.7	4.5	4.5	4.5	4.7	4.7	4.5	4.8	4.7	4.8	4.7	4.0	4.5	4.1	4.0	4.8	4.8	3.6	7.3

Stats for calculated questions, excluding Q18, Q19, Q20, Q21
Sum of valid response values : 880
Total number of valid response values : 194
Average : 4.5

N at the bottom indicates the number of records that are included in the average calculations for that questions. There are a few reasons why a respon[se] would not be included in the average calculations, most of which are explained below.

N*, in purple, italicized indicates a null answer, i.e., the student did not choose a response for this question (note that this is different than choosing an[] response, if one exist - NA responses usually don't stamp a null, but rather a non-averaged value - see below). Null answers are not included in average[] calculations.

C* indicates a comment question. Comments are displayed in detail below.

Values in red are not bounded by the questions response set and are problematic. For example, if you had a value of 7 in a question that was attached[] response set with values 0-6, the value would be considered unbounded. Technically, this should never be possible, but the system flags the condition i[] encountered. Unbounded values are not calculated in averages.

Values in purple, italicized indicate a response set value which has been designated as not averaged. Typically, if a response set has an NA choice, it[] into this category. These values will not be included in the average calculations.

Averages are only calculated for numeric values. If you have a field that collects alphanumeric values, only those values that are exclusively numeric w[] included in the average calculations. For instance, if Q1 has responses *John,1,3,Paul,[N]**, the system will calculate the average of the field as 2, from 1[] (John, Paul, and [N]* are discarded). Averages are also affected by unbounded and non-averaged values, as specified above, in questions that are atta[] response sets.

OBJECTIVES SUMMARY

Objective	E	G	A	P	U	NA	NULL	Total Ratings	Median	S D
Describe the structure and function of various neural networks used in deep learning applications.	10	2	0	0	0	0	0	12	5	(
Compare and contrast the characteristics and applications of different deep learning architectures.	10	2	0	0	0	0	0	12	5	(
Build and implement a deep learning model using a library such as PyTorch or TensorFlow.	9	2	1	0	0	0	0	12	5	(
Identify and select effective hyperparameters for optimizing deep learning model performance.	7	4	1	0	0	0	0	12	5	(
Apply model compression techniques to improve the efficiency of deep learning models.	10	1	1	0	0	0	0	12	5	(

QUESTION VALUE TOTALS
This report shows how many times a specific response was selected for questions with an attached response set.

1. The instructor did a good job of making the objectives of the course clear to me.

Excellent [5] : 8
Good [4] : 3
Average [3] : 1
Poor [2] : 0
Unsatisfactory [1] : 0
NA [0] : 0
NULL : 0
Num. Responses : 12
Avg : 4.6
Std. Dev : 0.6
Median : 5

2. The instructor did a good job in developing and presenting the material in a clear and organized manner.

Excellent [5] : 9
Good [4] : 2
Average [3] : 1
Poor [2] : 0
Unsatisfactory [1] : 0
NA [0] : 0
NULL : 0
Num. Responses : 12
Avg : 4.7
Std. Dev : 0.6
Median : 5

3. The instructor stimulated and deepened my interest in the subject.

Excellent [5] : 8
Good [4] : 2
Average [3] : 2
Poor [2] : 0
Unsatisfactory [1] : 0
NA [0] : 0
NULL : 0
Num. Responses : 12
Avg : 4.5
Std. Dev : 0.8
Median : 5

4. The instructor motivated me to do my best work.

Excellent [5] : 8
Good [4] : 2
Average [3] : 2
Poor [2] : 0
Unsatisfactory [1] : 0
NA [0] : 0
NULL : 0
Num. Responses : 12
Avg : 4.5
Std. Dev : 0.8
Median : 5

5. Explaining and clarifying difficult material and problem solutions

Excellent [5] : 7
Good [4] : 4
Average [3] : 1
Poor [2] : 0
Unsatisfactory [1] : 0
NA [0] : 0
NULL : 0
Num. Responses : 12
Avg : 4.5
Std. Dev : 0.6
Median : 5

6. Willingness to provide individual assistance to students outside of classroom hours

Excellent [5] : 9
Good [4] : 2
Average [3] : 1
Poor [2] : 0
Unsatisfactory [1] : 0
NA [0] : 0
NULL : 0
Num. Responses : 12
Avg : 4.7
Std. Dev : 0.6
Median : 5

7. Ability to handle questions from the class.

Excellent [5] : 8
Good [4] : 4
Average [3] : 0
Poor [2] : 0
Unsatisfactory [1] : 0
NA [0] : 0
NULL : 0
Num. Responses : 12
Avg : 4.7
Std. Dev : 0.5
Median : 5

8. Utilization of class time

Excellent [5] : 8
Good [4] : 2
Average [3] : 2
Poor [2] : 0
Unsatisfactory [1] : 0
NA [0] : 0
NULL : 0

Num. Responses : 12
Avg : 4.5
Std. Dev : 0.8
Median : 5

9. Utilization of instructional aids such as blackboard, slides or viewgraph

Excellent [5] : 9
Good [4] : 2
Average [3] : 0
Poor [2] : 0
Unsatisfactory [1] : 0
NA [0] : 0
NULL : 0
Num. Responses : 11
Avg : 4.8
Std. Dev : 0.4
Median : 5

10. Uniformity and impartiality in grading

Excellent [5] : 8
Good [4] : 4
Average [3] : 0
Poor [2] : 0
Unsatisfactory [1] : 0
NA [0] : 0
NULL : 0
Num. Responses : 12
Avg : 4.7
Std. Dev : 0.5
Median : 5

11. Promptness in returning homework, laboratory reports and examinations.

Excellent [5] : 9
Good [4] : 3
Average [3] : 0
Poor [2] : 0
Unsatisfactory [1] : 0
NA [0] : 0
NULL : 0
Num. Responses : 12
Avg : 4.8
Std. Dev : 0.4
Median : 5

12. Overall rating as a teacher.

Excellent [5] : 8
Good [4] : 4
Average [3] : 0
Poor [2] : 0
Unsatisfactory [1] : 0
NA [0] : 0
NULL : 0
Num. Responses : 12
Avg : 4.7
Std. Dev : 0.5
Median : 5

13. Value of the textbook contribution to the course.

Excellent [5] : 4
Good [4] : 2
Average [3] : 2
Poor [2] : 1
Unsatisfactory [1] : 0
NA [0] : 0
NULL : 0
Num. Responses : 9
Avg : 4.0
Std. Dev : 1.1
Median : 4

14. Value of the recitation component of the course.

Excellent [5] : 6
Good [4] : 4
Average [3] : 1
Poor [2] : 0
Unsatisfactory [1] : 0
NA [0] : 0
NULL : 0
Num. Responses : 11
Avg : 4.5
Std. Dev : 0.7
Median : 5

15. Value of the laboratory component of the course.

Excellent [5] : 4
Good [4] : 2
Average [3] : 3
Poor [2] : 0
Unsatisfactory [1] : 0
NA [0] : 0
NULL : 0
Num. Responses : 9
Avg : 4.1
Std. Dev : 0.9
Median : 4

16. Please rate the adequacy of the computing and/or laboratory facilities.

Excellent [5] : 4
Good [4] : 3
Average [3] : 2
Poor [2] : 1
Unsatisfactory [1] : 0
NA [0] : 0
NULL : 0
Num. Responses : 10
Avg : 4.0
Std. Dev : 1.0
Median : 4

17. Please provide an overall rating of this course as a learning experience.

Excellent [5] : 9
Good [4] : 3
Average [3] : 0
Poor [2] : 0
Unsatisfactory [1] : 0
NA [0] : 0
NULL : 0

Num. Responses : 12
Avg : 4.8
Std. Dev : 0.4
Median : 5

18. What is your approximate cumulative grade point average?

3.50-4.00 [5] : 9
3.00-3.49 [4] : 3
2.50-2.99 [3] : 0
2.00-2.49 [2] : 0
Below 2.0 [1] : 0
NULL : 0
Num. Responses : 12
Avg : 4.8
Std. Dev : 0.4
Median : 5

19. Provide how many study hours you spent per week outside of the classroom for this course.

Over 9 [5] : 3
6-9 [4] : 4
4-6 [3] : 3
2-4 [2] : 1
0-2 [1] : 1
NULL : 0
Num. Responses : 12
Avg : 3.6
Std. Dev : 1.2
Median : 4

20. What grade do you expect to receive in this course?

A [8] : 8
A- [7] : 2
B+ [6] : 1
B [5] : 0
B- [4] : 0
C+ [3] : 1
C [2] : 0
Below 2.00 [1] : 0
NULL : 0
Num. Responses : 12
Avg : 7.3
Std. Dev : 1.4
Median : 8

21. What is your assessment of the amount of material covered in the course?

Much too much [5] : 2
Too much [4] : 1
Just right [3] : 8
Too little [2] : 1
Much too little [1] : 0
NULL : 0
Num. Responses : 12
Avg : 3.3
Std. Dev : 0.9
Median : 3

22. Please provide additional comments regarding the instructor

Much too much [5] : 2

Too much [4] : 1

Just right [3] : 8

Too little [2] : 1

Much too little [1] : 0

NULL : 0

Num. Responses : 12

Avg : 3.3

Std. Dev : 0.9

Median : 3

23. Please provide additional comments regarding the course

Much too much [5] : 2

Too much [4] : 1

Just right [3] : 8

Too little [2] : 1

Much too little [1] : 0

NULL : 0

Num. Responses : 12

Avg : 3.3

Std. Dev : 0.9

Median : 3

24. Please provide additional comments regarding grading and evaluation

Much too much [5] : 2

Too much [4] : 1

Just right [3] : 8

Too little [2] : 1

Much too little [1] : 0

NULL : 0

Num. Responses : 12

Avg : 3.3

Std. Dev : 0.9

Median : 3

25. Please provide additional comments regarding anything else

Much too much [5] : 2

Too much [4] : 1

Just right [3] : 8

Too little [2] : 1

Much too little [1] : 0

NULL : 0

Num. Responses : 12

Avg : 3.3

Std. Dev : 0.9

Median : 3

COMMENT QUESTION SUMMARY

22. Please provide additional comments regarding the instructor

Survey ID 115958 : This professor is one of the best professors in the computer science department that I have had. She is constantly asking for feedback class, checking in on us, and making the hard class doable. One recommendation is to cover the intuition and a high level overview before diving into the

Survey ID 116088 : Great Prof.

Survey ID 116089 : I think she is great. I am very interested in research, and I really appreciate her putting in extra time into her slides to show research pa relative to the course material.

Survey ID 116114 : Professor was very informational about the subjects, but had a hard time getting her point across.

Survey ID 116205 : Professor Zhao is a wonderful instructor who is very knowledgeable about the things she teaches. There was hardly a question she co answer, and she was always making sure we as a class were following the lecture content.

Survey ID 116237 : The instructor was excellent. They listened to class feedback and worked to ensure that all students understood the material.

Survey ID 116382 : She did an excellent job

Survey ID 116690 : She is quite a good professor. Covers difficult subjects, however makes them easier to understand. The class is late in the day, which it difficult to stay focused, but she covers things interestingly to keep everyone focused.

Survey ID 117733 : Dr. Zhao was awesome. She taught the class very well. She assigned relevant projects that allowed us enough to be independant in o research, but enough of a prompt to get us started. Her lectures were relevant to the current CSI state. She gave fair quizzes and exams. I have no compl and this class are what I would expect from a University level CSI course. Unlike some of the other "money grabs" the major makes you take.

Survey ID 117765 : Zhao encourages students to ask questions. She wants her students to learn.

Survey ID 117866 : Solid teacher, understanding

23. Please provide additional comments regarding the course

Survey ID 115958 : The course is very informative and relevant to my major.

Survey ID 116088 : Wish the course utilized a more coding aspect

Survey ID 116089 : The material was very interesting and presented as such.

Survey ID 116114 : It is difficult but remember that this course is offered to undergrads as well.

Survey ID 116205 : The course itself was not bad at all- quizzes/exams were straightforward and each chapter was clearly presented in a way that gives y to the material from one chapter to another. The only thing I struggled with were the projects- since the course is heavily theoretical, applying it in coding v easy. I would say a strong background in Python/data structures should be a prerequisite to the course.

Survey ID 116237 : This course overall was a great course. I wish Project 1 was a bit less complicated/difficult, and that a bit more time was provided for F and Project 2 relative to when all the relevant material was covered in class.

Survey ID 116382 : Course was heavy and would be better suited for a daytime or morning class.

Survey ID 116690 : The content is quite interesting and the work for the class is okay. Only wished the projects had a little bit more time, but they were still

Survey ID 117765 : N/A

Survey ID 117866 : Lots of content

24. Please provide additional comments regarding grading and evaluation

Survey ID 115958 : The grading was fair.

Survey ID 116088 : Great

Survey ID 116089 : The grading was fair and I thought hard work was rewarded.

Survey ID 116114 : Please have more of a lenciency when it comes to project 1 and project 2.

Survey ID 116205 : The Professor was very forgiving but fair with the grading and even offered us many ways to earn extra credit in the course.

Survey ID 116237 : Thus far, the grading seems to have been alright in my opinion. I wish that Project 2 counted as a smaller portion of the overall grade. have Project 1 be worth 25% and Project 2 be worth only 20% instead of Project 1 being 20% and Project 2 being 25%).

Survey ID 116690 : Grading and evaluation seems good thus far and fair.

Survey ID 117765 : N/A

Survey ID 117866 : Normal grading

25. Please provide additional comments regarding anything else

Survey ID 116089 : I would take another course from this professor. One of my favorites and was a great learning experience.

Survey ID 116114 : N/A. Overall a joy to have taken this course.

Survey ID 116205 : Would definitely recommend others take this course with Professor Zhao, she did a wonderful job presenting Deep Learning to us, ma difficult concepts easier to take in.

Survey ID 116237 : The lectures explained the material very well in an understandable way. I also enjoyed the coding assignments as I felt that completin helped when it was time to implement Project 1.

Survey ID 116690 : I really enjoyed this class. The atmosphere was good to learn and ask questions when need be. It being a cross-listed course, some s
didn't have any background knowledge in AI/Deeplearning and some students had a lot, but it was taught in a way where I believe everyone was learning
and keeping up.

Survey ID 117765 : N/A

Survey ID 117866 : Good course