# Oakland University SECS Evaluations Administrator

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### 45093 : CSI 5140 - Deep Learning and Applications (Fall Semester 2024)

Instructor : Kaiqi Zhao
Survey : SECS Survey
9 student response(s) gathered between Thu, Nov 28, 2024 12:00 AM - Sat, Dec 7, 2024 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 | 4 | 5 | *0** | *0** | *0** | 3 | 4 | 5 | 3 | 7 |
| 2 | 5 | 4 | 5 | 5 | 4 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 3 | 4 | *0** | 2 | 5 | 5 | 3 | 8 |
| 3 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 8 |
| 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 2 | 8 |
| 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 8 |
| 6 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | *0** | 5 | *0** | *0** | 5 | 5 | 4 | 8 |
| 7 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 8 |
| 8 | 5 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | *0** | *0** | 5 | 3 | 5 | 8 |
| 9 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | *0** | *0** | *0** | *0** | 5 | 4 | 2 | 5 |
| **Total** | **45** | **43** | **44** | **45** | **44** | **45** | **45** | **45** | **44** | **45** | **42** | **44** | **28** | **34** | **20** | **25** | **44** | **42** | **34** | **68** |
| **N** | **9** | **9** | **9** | **9** | **9** | **9** | **9** | **9** | **9** | **9** | **9** | **9** | **6** | **7** | **4** | **6** | **9** | **9** | **9** | **9** |
| **AVG** | **5.0** | **4.8** | **4.9** | **5.0** | **4.9** | **5.0** | **5.0** | **5.0** | **4.9** | **5.0** | **4.7** | **4.9** | **4.7** | **4.9** | **5.0** | **4.2** | **4.9** | **4.7** | **3.8** | **7.6** |

**Stats for calculated questions, excluding Q18, Q19, Q20, Q21**
Sum of valid response values : 682
Total number of valid response values : 140
Average : 4.9

**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 respor 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

### 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] : 9
Good [4] : 0
Average [3] : 0
Poor [2] : 0
Unsatisfactory [1] : 0
NA [0] : 0
NULL : 0
Num. Responses : 9
Avg : 5.0
Std. Dev : 0.0
Median : 5

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

Excellent [5] : 7
Good [4] : 2
Average [3] : 0
Poor [2] : 0
Unsatisfactory [1] : 0
NA [0] : 0
NULL : 0
Num. Responses : 9
Avg : 4.8
Std. Dev : 0.4
Median : 5

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

Excellent [5] : 8
Good [4] : 1
Average [3] : 0
Poor [2] : 0
Unsatisfactory [1] : 0
NA [0] : 0
NULL : 0
Num. Responses : 9
Avg : 4.9
Std. Dev : 0.3
Median : 5

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

Excellent [5] : 9
Good [4] : 0
Average [3] : 0
Poor [2] : 0
Unsatisfactory [1] : 0
NA [0] : 0
NULL : 0
Num. Responses : 9
Avg : 5.0
Std. Dev : 0.0
Median : 5

**5. Explaining and clarifying difficult material and problem solutions**

Excellent [5] : 8
Good [4] : 1

Average [3] : 0
Poor [2] : 0
Unsatisfactory [1] : 0
NA [0] : 0
NULL : 0
Num. Responses : 9
Avg : 4.9
Std. Dev : 0.3
Median : 5

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

Excellent [5] : 9
Good [4] : 0
Average [3] : 0
Poor [2] : 0
Unsatisfactory [1] : 0
NA [0] : 0
NULL : 0
Num. Responses : 9
Avg : 5.0
Std. Dev : 0.0
Median : 5

**7. Ability to handle questions from the class.**

Excellent [5] : 9
Good [4] : 0
Average [3] : 0
Poor [2] : 0
Unsatisfactory [1] : 0
NA [0] : 0
NULL : 0
Num. Responses : 9
Avg : 5.0
Std. Dev : 0.0
Median : 5

**8. Utilization of class time**

Excellent [5] : 9
Good [4] : 0
Average [3] : 0
Poor [2] : 0
Unsatisfactory [1] : 0
NA [0] : 0
NULL : 0
Num. Responses : 9
Avg : 5.0
Std. Dev : 0.0
Median : 5

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

Excellent [5] : 8
Good [4] : 1
Average [3] : 0
Poor [2] : 0
Unsatisfactory [1] : 0
NA [0] : 0
NULL : 0
Num. Responses : 9
Avg : 4.9

Std. Dev : 0.3

Median : 5

**10. Uniformity and impartiality in grading**

Excellent [5] : 9

Good [4] : 0

Average [3] : 0

Poor [2] : 0

Unsatisfactory [1] : 0

NA [0] : 0

NULL : 0

Num. Responses : 9

Avg : 5.0

Std. Dev : 0.0

Median : 5

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

Excellent [5] : 6

Good [4] : 3

Average [3] : 0

Poor [2] : 0

Unsatisfactory [1] : 0

NA [0] : 0

NULL : 0

Num. Responses : 9

Avg : 4.7

Std. Dev : 0.5

Median : 5

**12. Overall rating as a teacher.**

Excellent [5] : 8

Good [4] : 1

Average [3] : 0

Poor [2] : 0

Unsatisfactory [1] : 0

NA [0] : 0

NULL : 0

Num. Responses : 9

Avg : 4.9

Std. Dev : 0.3

Median : 5

**13. Value of the textbook contribution to the course.**

Excellent [5] : 5

Good [4] : 0

Average [3] : 1

Poor [2] : 0

Unsatisfactory [1] : 0

NA [0] : 0

NULL : 0

Num. Responses : 6

Avg : 4.7

Std. Dev : 0.7

Median : 5

**14. Value of the recitation component of the course.**

Excellent [5] : 6

Good [4] : 1

Average [3] : 0
Poor [2] : 0
Unsatisfactory [1] : 0
NA [0] : 0
NULL : 0
Num. Responses : 7
Avg : 4.9
Std. Dev : 0.4
Median : 5

**15. Value of the laboratory component of the course.**

Excellent [5] : 4
Good [4] : 0
Average [3] : 0
Poor [2] : 0
Unsatisfactory [1] : 0
NA [0] : 0
NULL : 0
Num. Responses : 4
Avg : 5.0
Std. Dev : 0.0
Median : 5

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

Excellent [5] : 4
Good [4] : 0
Average [3] : 1
Poor [2] : 1
Unsatisfactory [1] : 0
NA [0] : 0
NULL : 0
Num. Responses : 6
Avg : 4.2
Std. Dev : 1.2
Median : 5

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

Excellent [5] : 8
Good [4] : 1
Average [3] : 0
Poor [2] : 0
Unsatisfactory [1] : 0
NA [0] : 0
NULL : 0
Num. Responses : 9
Avg : 4.9
Std. Dev : 0.3
Median : 5

**18. What is your approximate cumulative grade point average?**

3.50-4.00 [5] : 7
3.00-3.49 [4] : 1
2.50-2.99 [3] : 1
2.00-2.49 [2] : 0
Below 2.0 [1] : 0
NULL : 0
Num. Responses : 9
Avg : 4.7
Std. Dev : 0.7

Median : 5

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

Over 9 [5] : 4
6-9 [4] : 1
4-6 [3] : 2
2-4 [2] : 2
0-2 [1] : 0
NULL : 0
Num. Responses : 9
Avg : 3.8
Std. Dev : 1.2
Median : 4

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

A [8] : 7
A- [7] : 1
B+ [6] : 0
B [5] : 1
B- [4] : 0
C+ [3] : 0
C [2] : 0
Below 2.00 [1] : 0
NULL : 0
Num. Responses : 9
Avg : 7.6
Std. Dev : 1.0
Median : 8

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

Much too much [5] : 1
Too much [4] : 0
Just right [3] : 8
Too little [2] : 0
Much too little [1] : 0
NULL : 0
Num. Responses : 9
Avg : 3.2
Std. Dev : 0.6
Median : 3

**22. Please provide additional comments regarding the instructor**

Much too much [5] : 1
Too much [4] : 0
Just right [3] : 8
Too little [2] : 0
Much too little [1] : 0
NULL : 0
Num. Responses : 9
Avg : 3.2
Std. Dev : 0.6
Median : 3

**23. Please provide additional comments regarding the course**

Much too much [5] : 1
Too much [4] : 0
Just right [3] : 8
Too little [2] : 0

Much too little [1] : 0

NULL : 0

Num. Responses : 9

Avg : 3.2

Std. Dev : 0.6

Median : 3

### 24. Please provide additional comments regarding grading and evaluation

Much too much [5] : 1

Too much [4] : 0

Just right [3] : 8

Too little [2] : 0

Much too little [1] : 0

NULL : 0

Num. Responses : 9

Avg : 3.2

Std. Dev : 0.6

Median : 3

### 25. Please provide additional comments regarding anything else

Much too much [5] : 1

Too much [4] : 0

Just right [3] : 8

Too little [2] : 0

Much too little [1] : 0

NULL : 0

Num. Responses : 9

Avg : 3.2

Std. Dev : 0.6

Median : 3

## COMMENT QUESTION SUMMARY

### 22. Please provide additional comments regarding the instructor

Survey ID 114564 : Professor is highly knowledgeable in the area. She has done fantastic job on delivering the contents of the course work. This course h &quot;THE BEST&quot; experience for me at Oakland University. Professor is very organized and very thoughtful about every aspect of the course work. automated grading system to grade wherever possible. Also, she provides very good feedback, answers questions from students. Outstanding!

Survey ID 115016 : Professor Zhao is an excellent teacher, she always prepares the material before coming to class and capable of answering a lot of dee questions tha require critical thinking. She conveys the content of the class in a very approachable manner, the flow of the lecture boils up the knowledge sequence that makes the learner understand the fundamentals. I have tried to read of lot of textbooks on the subject matter, but I did not quite understand have listened to her explanation. Overall, this is a fantastic course taught by a very caring and knowledgeable professor.

Survey ID 115084 : Dr. Zhao is one of the best professors I have ever had. This could have been a tough course material-wise, but her approach to introdu concept made it clear. I learned in this course, didn't memorize or feel overwhelmed trying to understand. I learned at a very detailed level the concepts of learning, I understand the structure of well-known models, I can talk about them, I can explain them, and I can implement them. The best course! Highly R to all!

### 23. Please provide additional comments regarding the course

Survey ID 114564 : This course is a foundational course work for anyone interested in deep learning and applying the techniques. There is lot too learn, at point, I thought there is too much to learn and it could be tough to deliver all that knowledge, applications within certain hours per week. I request OU/SEC provide GPU resources for this class. It has been challenging to arrange GPU for project work and learning. It is unacceptable that university doesnt provide deep learning class in 2024! And Professor did a good job by providing GPU access in Google Cloud, however, it is very complicated to make use of Goog for this coursework.

Survey ID 115084 : This course is not easy but really essential for CS. The pace and material coverage were perfect. This is not an easy course though. T to practice the material and the course projects were invaluable learning experiences but took many hours to complete. In the end, the course projects cer the topics we had been learning about. I won't forget any of this material and its very relevant to all of our futures. Good amount of work, but I would do it a

### 24. Please provide additional comments regarding grading and evaluation

Survey ID 114564 : Professor had automated grading system for quizzes and exams(wherever possible). It has been fair grading, she did evaluate project presentations for the course. It was great experience overall. There were enough assignments, quizzes, projects, exams and professor did great job at set up and evaluating students.

Survey ID 115084 : Dr. Zhao was very communicative and accepting of our feedback. Her grading seemed fair and accurate.

### 25. Please provide additional comments regarding anything else

Survey ID 114564 : It is unacceptable that university doesnt provide GPU for deep learning class in 2024! And Professor did a good job by providing GPU Google Cloud, however, it is very complicated to make use of Google cloud for this coursework. Kindly request university to provide GPU access on prem for every student enrolling in this class.

Survey ID 115084 : If possible, GPU access for the students of this course would be life changing on the course projects.