Description of Your Report

Your Course Evaluation Report contains up to four sets of items, represented in up to four sections in your report, described below.

<div style="border: 1px solid black;">

Sets of Items

Institutional Items
These eight items are consistent across the University of Toronto. They are comprised of:

- Five rating-scale items which represent institution-wide teaching and learning priorities.
  - **The institutional composite mean, a mathematical average of these first five items.**
- One rating-scale item on the overall quality of a student's learning experience.
- Two qualitative comment items.

Divisional Items
These items are consistent across your division. They represent division-wide priorities for teaching and learning.

Departmental/Program/Course-Type Items
These items (when applicable) represent further levels of granularity and specificity for teaching and learning priorities within your division (e.g., department, program, course type).

Instructor-Selected Items
These items are optional items which may be selected from the item bank by instructors during the question personalization period.

- **Note that the results from these items are only reported to instructors, as they are primarily intended to function as personal formative feedback.**

</div>

Report Sections

The following provide different statistical summaries and representations for your institutional, divisional, and departmental/programmatic items (where appropriate).

Section 1: Course Evaluation Overview
Provides all course evaluation data except instructor-selected items.

Section 2: Response Distributions and Additional Statistics
Provides detailed response distributions.

- The number and relative percentage of respondents providing a given answer is provided, along with a graphical representation.
- This section also reports further statistics for each set of items relative to Section 1.

Section 3: Comparative Data
Provides comparative means for your course as compared to the relevant means across **_all_** _other evaluated courses at a particular level of comparison (e.g. division, program)_ for each set of items.

Section 4: Instructor-Selected Items
Provides data for optional items that instructors can select from the item bank during the question personalization period. This section is formatted identically to Section 2.

Statistical Terms Used in this Report

Mean: The mathematical average. This measure is the most sensitive, and can be greatly affected by extreme and/or divergent scores.

Median: The middle value when all responses are ordered. This measure is less affected by extreme and/or divergent scores.

Mode: The most frequently occurring score.

Standard deviation: A measure of the "spread" of the data.

APSC Winter 2024 UG

<table>
<tr><td colspan="2">
Course Name: ELE.&MAGNET.FIELDS 2 ECE221H1-S-LEC0104
Division: APSC
Session: S
Session Codes: F = First/Fall, S = Second/Winter
</td>
<td>
Instructor: Hamid Shokrollah-Timorabadi
Section: LEC0104
Delivery Mode: INPER
</td></tr>
</table>

Raters	Students
Responded	32
Invited	76

Section 1: Course Evaluation Overview

Part A. Core Institutional Items

Scale: 1 - Not At All   2 - Somewhat   3 - Moderately   4 - Mostly   5 - A Great Deal

Question	Summary	
	Mean	Median
I found the course intellectually stimulating.	3.7	4.0
The course provided me with a deeper understanding of the subject matter.	3.8	4.0
The instructor (Hamid Shokrollah-Timorabadi) created an atmosphere that was conducive to my learning.	4.3	5.0
Course projects, assignments, tests, and/or exams improved my understanding of the course material.	3.5	4.0
Course projects, assignments, tests and/or exams provided opportunity for me to demonstrate an understanding of the course material.	3.6	4.0
Institutional Composite Mean	3.8	-

Scale: 1 - Poor   2 - Fair   3 - Good   4 - Very Good   5 - Excellent

Question	Summary	
	Mean	Median
6. Overall, the quality of my learning experience in this course was….	3.4	3.0

7. Please comment on the overall quality of the instruction in this course.

Comments
Great Prof very funny
My professor was really funny. I think it was engaging to follow, but note organization was a bit organized for me.
I really liked that Hamid did a lot of example questions during lecture and discussed on tactics for solving problems, like things to look out for or ways to approach it which later on helps me to approach my midterms and exams better.
Hamid is very approachable and he tells a lot of jokes, he covers the fundamentals needed for the courses and spend a lot of time covering examples in lectures, overall quality is good.
Prof Timorabadi was created a great atmosphere for learning, I loved his jokes in the middle of the lecture. I liked how he gave lots of great practice lectures. I think that is the best part of the course was when he solved examples so that is what I would recomend.
Examples that are easy to follow
Good. Lots of examples done in class
Hamid is a great lecturer with a sense of humor. His lectures are always intriguing.
great professor !
Professor Hamid was very good
I personally like my professor Hamid so much because he solves as many textbook problems as possible. His lecture style is intuitive to follow for a beginner in topics in electromagnetics like me
Good pace and clear connection between material and labs
The overall quality of the instruction in this course was very good as students had access to a lot of resources to learn concepts.
Should take more time to explain concepts and WHY we are doing each of the steps we are – more similar to Stickel's style of teaching (this was a xommon sentiment among many students).
very good, really appreciated solutions for tutorial questions being posted and really appreciated my time with prof. timorabadi as my instructor, he always advocated for a more hands–on learning environment which helped a lot
The instruction was not really good — I didn't appreciate the teaching style of the prof and felt like they didn't prepare the lectures in the course properly, they could have been organized better. Prof Stickel on the other hand did a better job at organizing and explaining the content.
i really disliked the lab quizzes; hated the questions and the time limit, because of this i scored poor on the quizzes even though i thought i was competent enough as the lab was understandable; lab quizzes is a big NO and so are the questions; because they are conceptual, they shouldnt have a time limit as it doesnt make sense to make us think quick even though the questions required one to think properly, so in all the quizzes are a big NO. the labs were fine, just wish it was a bit more interactive instead of online simulations. midterm was a big OOF. the first one, the MC one, why did we have to spend so much time on that part when its just MC??! really disappointed and poorly structured. on top of that, we had to EXPLAIN our MC answers... idek what to say. the 2nd question was also a big OOF, very poorly worded; teaching team should have revised it before sending it out. 3rd question was so–so, didnt have time to do it because of THE FIRST TWO QUESTIONS. however, showed a lot of work yet did not get much marks; course should be re–examined to make it more engaging to students. tutorials were fine. dont know how the final will be, but if its like the midterm then this course is messed up and should be re–structured.
Professor Timorabadi was great. He always managed to keep an engaging and educational environment that improved my learning in this course. I would suggest either changing the laboratory assignments or removing them comletely as they seemed a bit disconnected from the main course at times.

8. Please comment on any assistance that was available to support your learning in this course.

Comments
My lab TA Jaemin was really helpful in explaining concepts to me that I had trouble with. Thank you!
After class question answering.
Piazza was well monitor, the labs were good and easy to follow.
Professor took time after class to answer questions which was quite helpful
Hamid answers many of my questions after class.
professor always answer questions, and TA from practical session helps to answer some questions
I personally used none
The course provided students with ample amount of support to help them better learn core concepts.
Did not hold office hours / additional times to ask questions. Labs were not helpful / didn't really relate to the material well and were very tedious to complete. Tutorial TAs were not the best and just wrote out solutions without explaining why the solution worked / couldn't answer mroe in depth questions about the material.
The piazza was moderately monitored and tutorials weren't helpful at all.
no help, piazza was very dead, very disappointed as the midterm average was 58% and that should say enough.
The lecture recordings and notes that are posted are very helpful

Part B. Divisional Items

Scale: 1 - Not At All   2 - Somewhat   3 - Moderately   4 - Mostly   5 - A Great Deal

Question	Summary	
	Mean	Median
9. The course helped me improve my ability to formulate, analyze and solve problems.	3.8	4.0
10. The instructor ([Hamid Shokrollah-Timorabadi](#)) related course concepts to practical applications and/or current research	4.1	4.0

Scale: 1 - Very Light   2 - Light   3 - Average   4 - Heavy   5 - Very Heavy

Question	Summary	
	Mean	Median
11. Compared to other courses, the workload for this course was: (very light, light, average, heavy, very heavy)	2.9	3.0

Scale: 1 - Not At All   2 - Somewhat   3 - Moderately   4 - Mostly   5 - A Great Deal

Question	Summary	
	Mean	Median
12. The instructor ([Hamid Shokrollah-Timorabadi](#)) explained how the course concepts related to other courses.	3.9	4.0
13. The feedback I received on tests, assignments, labs, and/or projects provided guidance on how to improve my understanding of course materials.	3.4	3.0
14. The instructor ([Hamid Shokrollah-Timorabadi](#)) explained what students are expected to learn in the course.	4.3	5.0

Scale: 1 - Not At All   2 - Somewhat   3 - Moderately   4 - Mostly   5 - A Great Deal

Question	Summary	
	Mean	Median
15. The course instructor ([Hamid Shokrollah-Timorabadi](#)) delivered the course material in a clear and organized manner.	4.1	4.0

ECE Departmental Questions

Scale: 1 - Poor   2 - Fair   3 - Good   4 - Very Good   5 - Excellent

Question	Summary	
	Mean	Median
ECE001 Overall, the quality of my learning experience in the tutorial/lab was:	3.3	4.0

Section 2: Response Distributions and Additional Statistics

This section provides detailed response distributions.

Mean: The mathematical average. This measure is the most sensitive, and can be greatly affected by extreme and/or divergent scores.
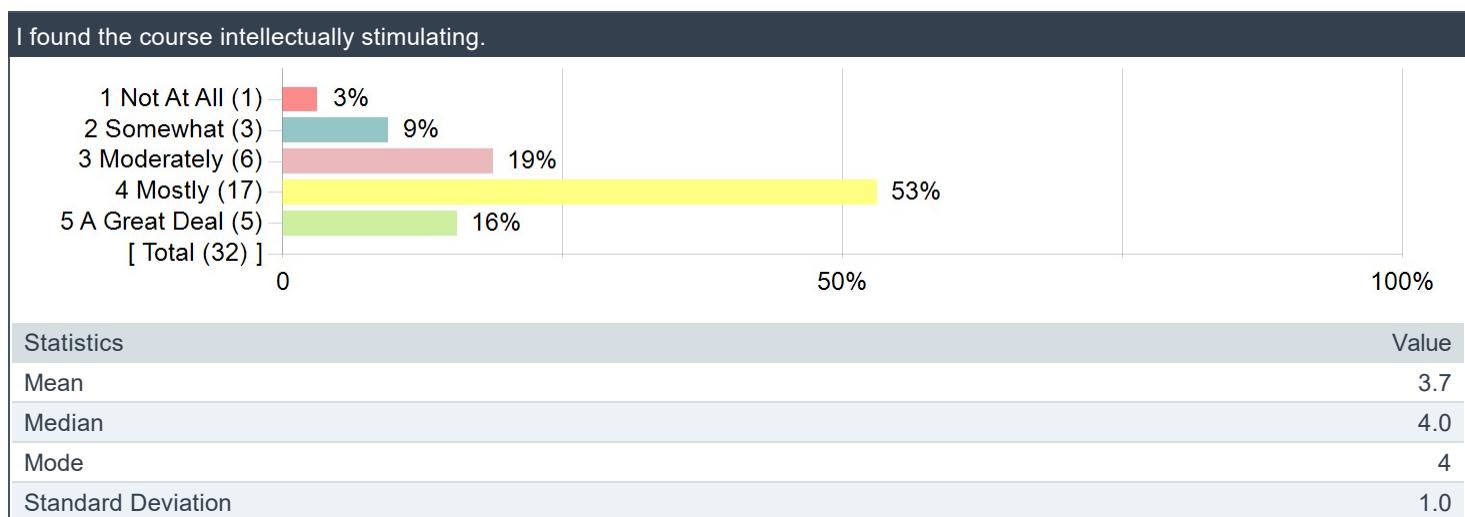
Median: The middle value when all responses are ordered. This measure is less affected by extreme and/or divergent scores.

Mode: The most frequently occurring score.
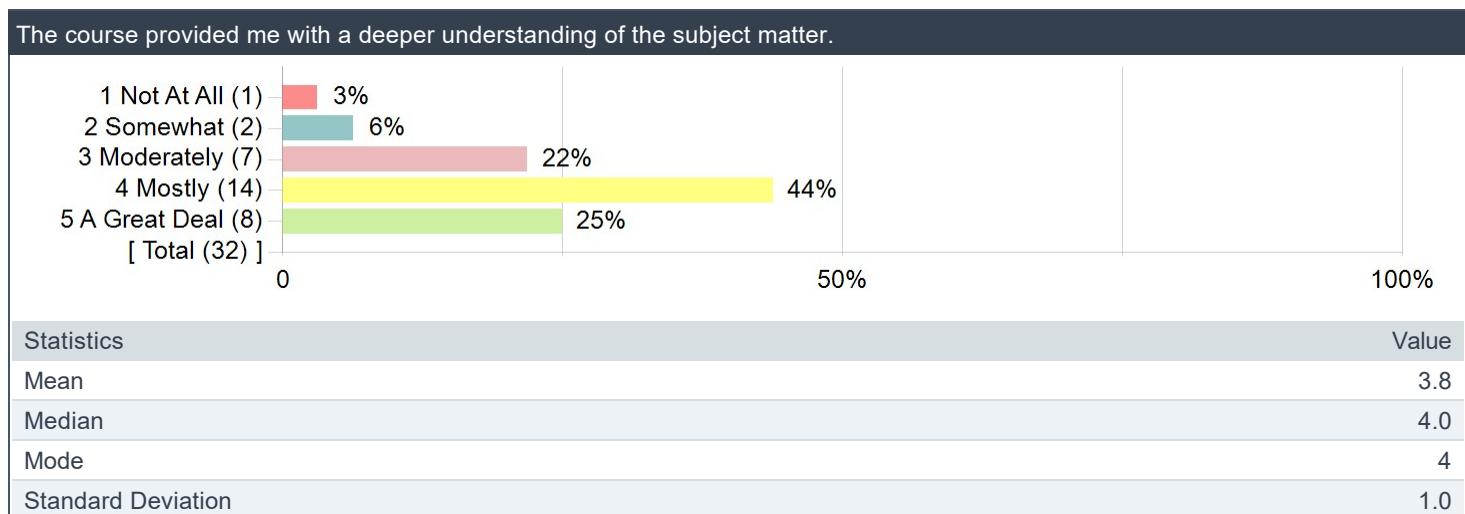
Standard deviation: A measure of the "spread" of the data.

Part A: Core Institutional Items

1. I found the course intellectually stimulating.
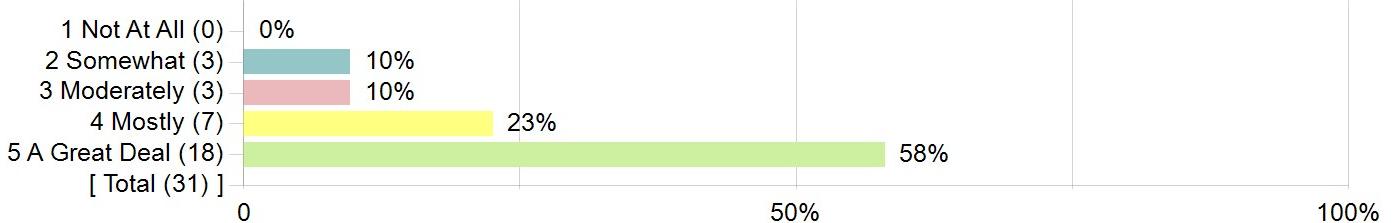
I found the course intellectually stimulating.

1 Not At All (1)	3%
2 Somewhat (3)	9%
3 Moderately (6)	19%
4 Mostly (17)	53%
5 A Great Deal (5)	16%
[Total (32)]	

Statistics	Value
Mean	3.7
Median	4.0
Mode	4
Standard Deviation	1.0

2. The course provided me with a deeper understanding of the subject matter.

The course provided me with a deeper understanding of the subject matter.

1 Not At All (1)	3%
2 Somewhat (2)	6%
3 Moderately (7)	22%
4 Mostly (14)	44%
5 A Great Deal (8)	25%
[Total (32)]	

Statistics	Value
Mean	3.8
Median	4.0
Mode	4
Standard Deviation	1.0

3. The instructor (Hamid Shokrollah-Timorabadi) created a course atmosphere that was conducive to my learning.
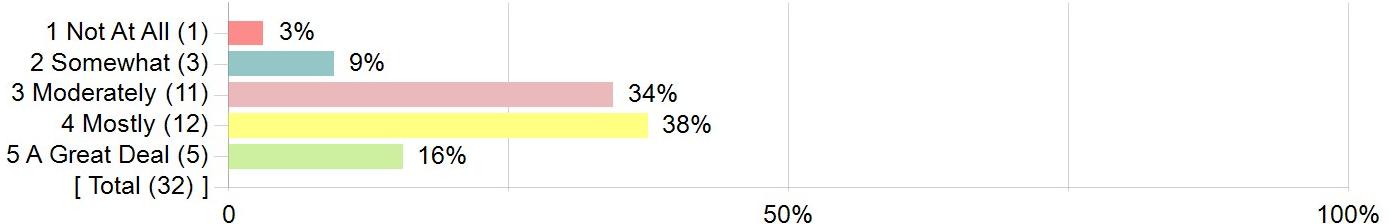
The instructor (Hamid Shokrollah-Timorabadi) created an atmosphere that was conducive to my learning.

1 Not At All (0)	0%
2 Somewhat (3)	10%
3 Moderately (3)	10%
4 Mostly (7)	23%
5 A Great Deal (18)	58%
[Total (31)]	

Statistics	Value
Mean	4.3
Median	5.0
Mode	5
Standard Deviation	1.0

4. Course projects, assignments, tests and/or exams improved my understanding of the course material.

Course projects, assignments, tests, and/or exams improved my understanding of the course material.

1 Not At All (1)	3%
2 Somewhat (3)	9%
3 Moderately (11)	34%
4 Mostly (12)	38%
5 A Great Deal (5)	16%
[Total (32)]	
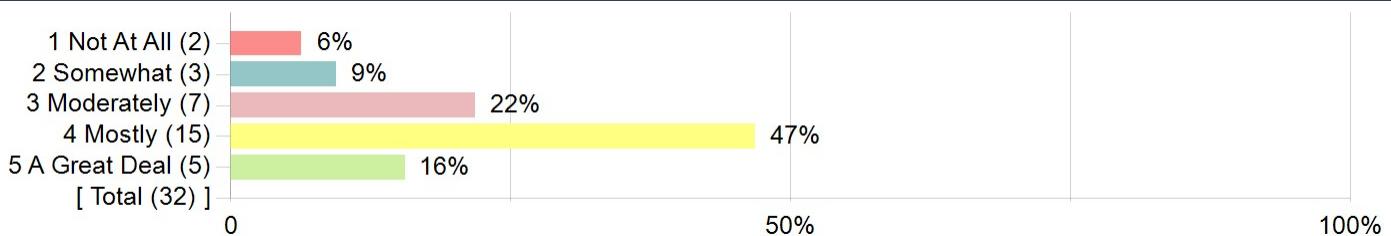
Statistics	Value
Mean	3.5
Median	4.0
Mode	4
Standard Deviation	1.0

5. Course projects, assignments, tests and/or exams provided opportunity for me to demonstrate an understanding of the course material.

Course projects, assignments, tests and/or exams provided opportunity for me to demonstrate an understanding of the course material.

1 Not At All (2)	6%
2 Somewhat (3)	9%
3 Moderately (7)	22%
4 Mostly (15)	47%
5 A Great Deal (5)	16%
[Total (32)]	
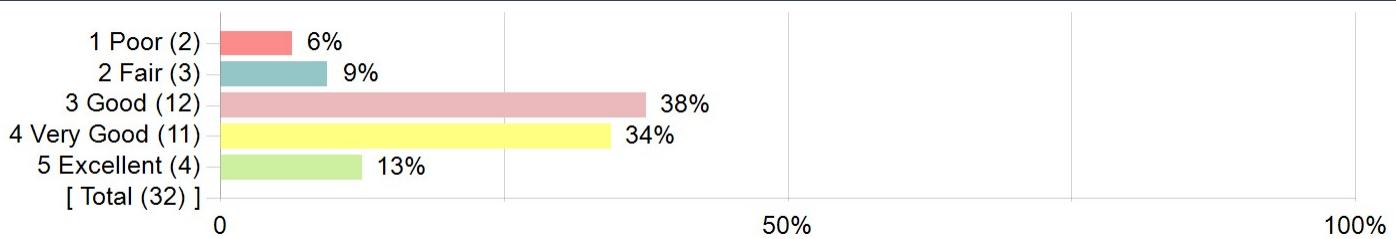
Statistics	Value
Mean	3.6
Median	4.0
Mode	4
Standard Deviation	1.1

6. Overall, the quality of my learning experience in this course was….
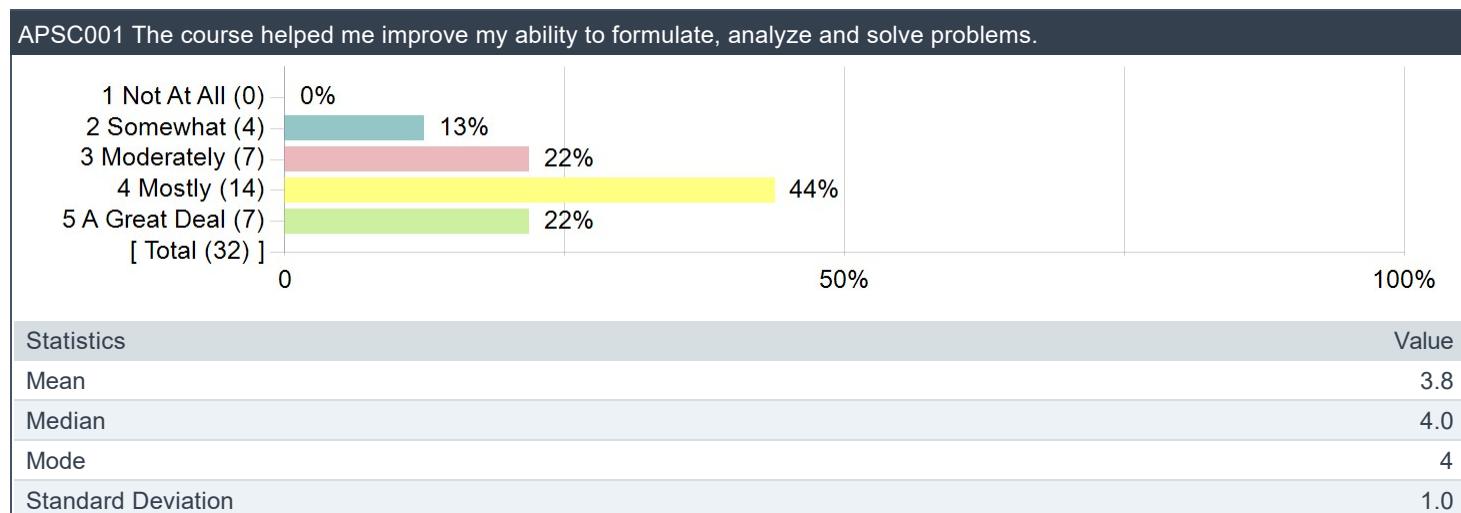
Overall, the quality of my learning experience in this course was:

1 Poor (2)	6%
2 Fair (3)	9%
3 Good (12)	38%
4 Very Good (11)	34%
5 Excellent (4)	13%
[Total (32)]	
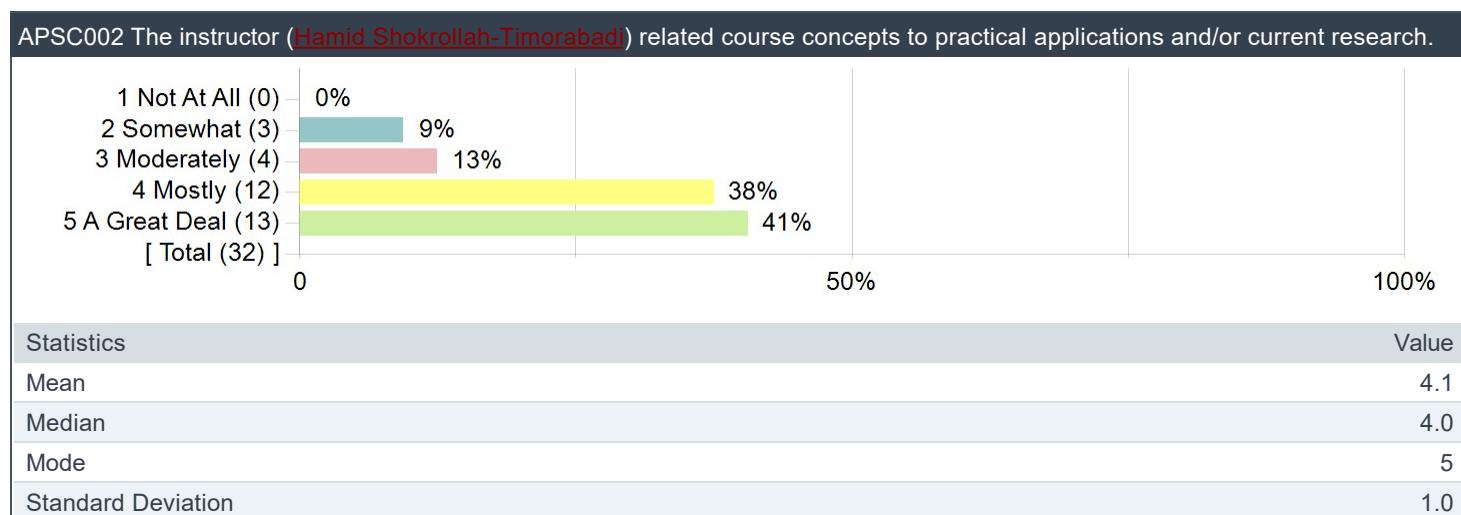
Statistics	Value
Mean	3.4
Median	3.0
Mode	3
Standard Deviation	1.0

Part B. Divisional Items

9. The course helped me improve my ability to formulate, analyze and solve problems.

APSC001 The course helped me improve my ability to formulate, analyze and solve problems.

1 Not At All (0)	0%
2 Somewhat (4)	13%
3 Moderately (7)	22%
4 Mostly (14)	44%
5 A Great Deal (7)	22%
[Total (32)]	

Statistics	Value
Mean	3.8
Median	4.0
Mode	4
Standard Deviation	1.0

## 10. The instructor (Hamid Shokrollah-Timorabadi) related course concepts to practical applications and/or current research.

APSC002 The instructor (Hamid Shokrollah-Timorabadi) related course concepts to practical applications and/or current research.

1 Not At All (0)	0%
2 Somewhat (3)	9%
3 Moderately (4)	13%
4 Mostly (12)	38%
5 A Great Deal (13)	41%
[Total (32)]	

Statistics	Value
Mean	4.1
Median	4.0
Mode	5
Standard Deviation	1.0

## 11. Compared to other courses, the workload for this course was: (very light, light, average, heavy, very heavy)

APSC003 Compared to other courses, the workload for this course was: (very light, light, average, heavy, very heavy)

Response	Percentage
1 Very Light (1)	3%
2 Light (4)	13%
3 Average (23)	74%
4 Heavy (2)	7%
5 Very Heavy (1)	3%
[Total (31)]	

Statistics	Value
Mean	2.9
Median	3.0
Mode	3
Standard Deviation	0.7

12. The instructor (Hamid Shokrollah-Timorabadi) explained how the course concepts related to other courses.

APSC004 The instructor (Hamid Shokrollah-Timorabadi) explained how the course concepts related to other courses.

Response	Percentage
1 Not At All (1)	3%
2 Somewhat (3)	9%
3 Moderately (6)	19%
4 Mostly (11)	34%
5 A Great Deal (11)	34%
[Total (32)]	

| Statistics	Value
Mean	3.9
Median	4.0
Mode	4, 5
Standard Deviation	1.1

13. The feedback I received on tests, assignments, labs, and/or projects provided guidance on how to improve my understanding of course materials.

APSC005 The feedback I received on tests, assignments, labs, and/or projects provided guidance on how to improve my understanding of course materials.

1 Not At All (1)	3%
2 Somewhat (5)	16%
3 Moderately (12)	38%
4 Mostly (9)	28%
5 A Great Deal (5)	16%
[Total (32)]	

Statistics	Value
Mean	3.4
Median	3.0
Mode	3
Standard Deviation	1.0

14. The instructor (Hamid Shokrollah-Timorabadi) explained what students are expected to learn in the course.
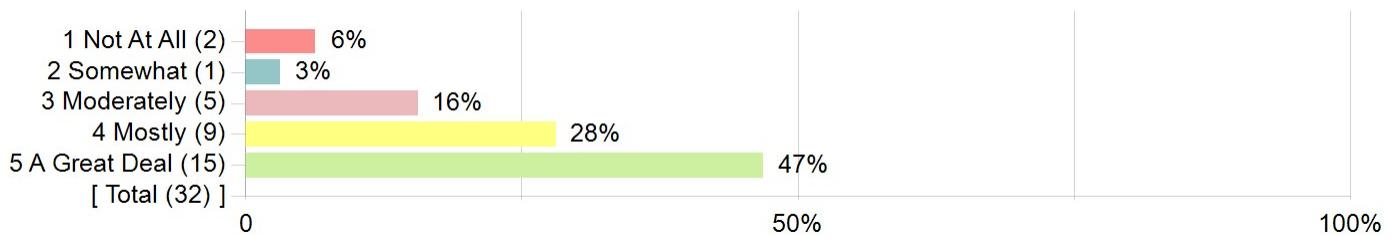
APSC006 The instructor (Hamid Shokrollah-Timorabadi) explained what students are expected to learn in the course.

1 Not At All (0)	0%
2 Somewhat (2)	7%
3 Moderately (4)	13%
4 Mostly (8)	26%
5 A Great Deal (17)	55%
[Total (31)]	

Statistics	Value
Mean	4.3
Median	5.0
Mode	5
Standard Deviation	0.9

15. The course instructor (Hamid Shokrollah-Timorabadi) delivered the course material in a clear and organized manner.
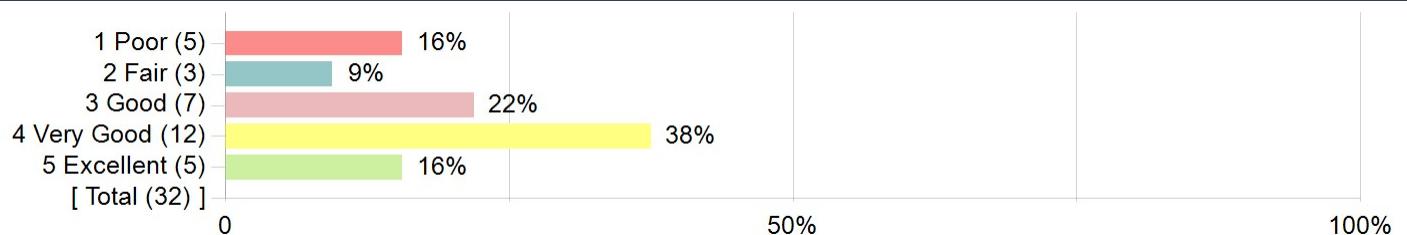
APSC007 The course instructor (Hamid Shokrollah-Timorabadi) delivered the course material in a clear and organized manner.

```
1 Not At All (2)      ■ 6%
2 Somewhat (1)        ■ 3%
3 Moderately (5)      ■ 16%
4 Mostly (9)          ■ 28%
5 A Great Deal (15)   ■ 47%
[ Total (32) ]
                  0            50%            100%
```

Statistics	Value
Mean	4.1
Median	4.0
Mode	5
Standard Deviation	1.2

Part C. Departmental Items

ECE001 Overall, the quality of my learning experience in the tutorial/lab was:

Response	Percentage
1 Poor (5)	16%
2 Fair (3)	9%
3 Good (7)	22%
4 Very Good (12)	38%
5 Excellent (5)	16%
[Total (32)]	

Statistics	Value
Mean	3.3
Median	4.0
Mode	4
Standard Deviation	1.3

Section 3. Comparative Data

This section provides overall means for given comparators (e.g., division, department) alongside the mean values for a given course. Note that the comparators are calculated by pooling together all individual student survey responses (e.g., student responses for all of the courses in a department are pooled together and the departmental mean responses calculated from that). The provided comparators are thus a measure of the 'average' student experience for a unit or division; they are not a measure of the 'average' course in a unit or division. This calculation has the effect of giving large courses more 'weight' in the calculation of the comparator means. The effect of this on the calculated comparator varies depending on the relative proportion of large or small courses within a unit or division. As such, the departmental and divisional comparative mean values provided on course evaluations should not be regarded as an absolute and definitive benchmark.
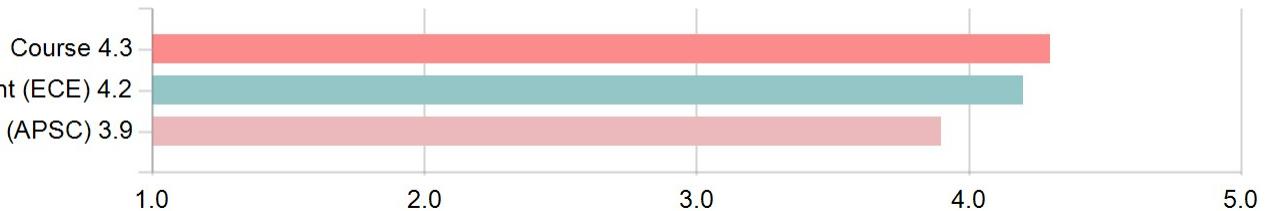
*For example, if a department offered only two courses, one with 1000 students who all answered 3.5 and the other with 10 students who all answered 4.5 (so that the means would be 3.5 and 4.5 respectively), then the departmental mean provided on the course evaluations would be 3.51 since the calculation would be [(3.5x1000)+(4.5x10)]/1010]=3.51 **and not** (3.5+4.5)/2=4.*

Part A. Core Institutional Items
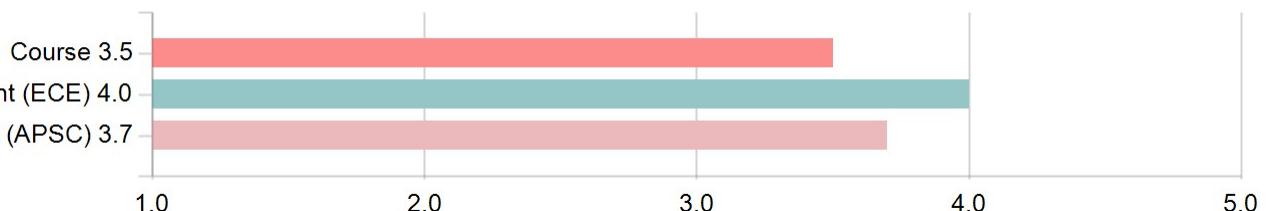
Scale: 1 - Not At All   2 - Somewhat   3 - Moderately   4 - Mostly   5 - A Great Deal

Institutional Composite Mean

Course	3.8
Department	4.1
Division	3.8

1. I found the course intellectually stimulating.

Course	3.7
Department (ECE)	4.1
Division (APSC)	3.7

2. The course provided me with a deeper understanding of the subject matter.

Course	3.8
Department (ECE)	4.2
Division (APSC)	3.8

3. The instructor (Hamid Shokrollah-Timorabadi) created an atmosphere that was conducive to my learning.

	Rating
Course	4.3
Department (ECE)	4.2
Division (APSC)	3.9

4. Course projects, assignments, tests, and/or exams improved my understanding of the course material.

	Rating
Course	3.5
Department (ECE)	4.0
Division (APSC)	3.7

5. Course projects, assignments, tests and/or exams provided opportunity for me to demonstrate an understanding of the course material.

|	Rating
Course	3.6
Department (ECE)	4.0
Division (APSC)	3.7
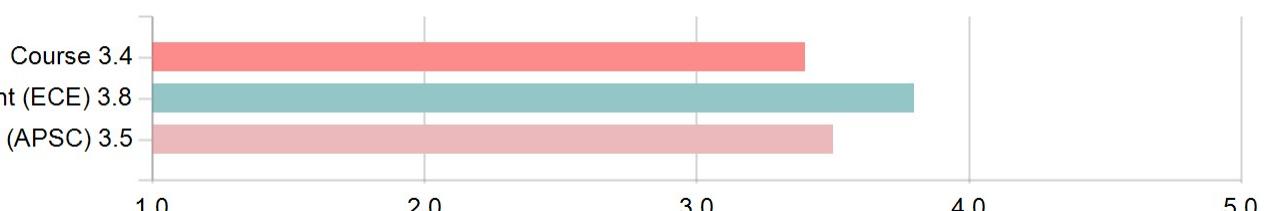
Scale: 1 - Poor   2 - Fair   3 - Good   4 - Very Good   5 - Excellent

**6. Overall, the quality of my learning experience in this course was:**

	Rating
Course	3.4
Department (ECE)	3.8
Division (APSC)	3.5

Part B. Divisional Items
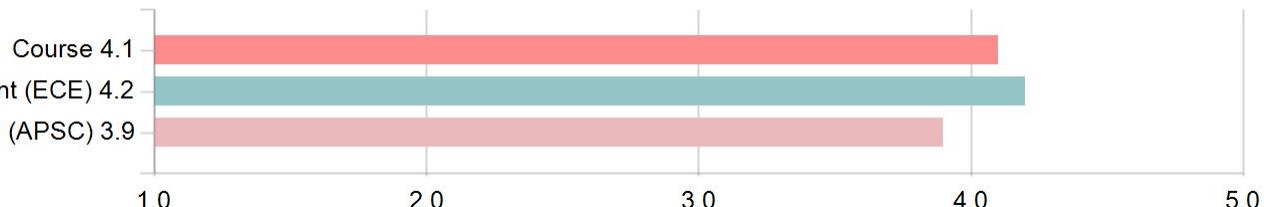
Scale: 1 - Not At All   2 - Somewhat   3 - Moderately   4 - Mostly   5 - A Great Deal

9. The course helped me improve my ability to formulate, analyze and solve problems.

Course 3.8	
Department (ECE) 4.0	
Division (APSC) 3.7	
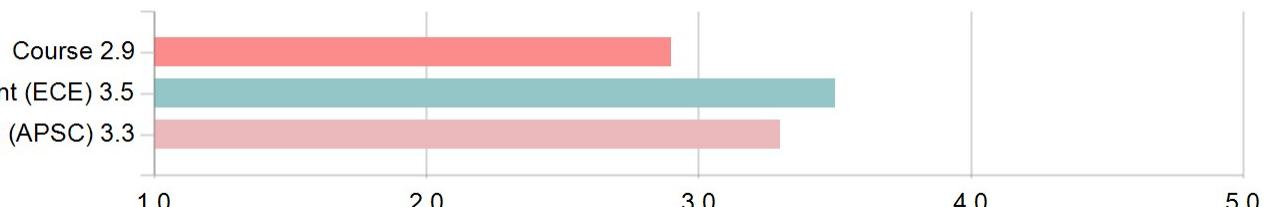
Scale: 1 - Not At All   2 - Somewhat   3 - Moderately   4 - Mostly   5 - A Great Deal

10. The instructor (**Hamid Shokrollah-Timorabadi**) related course concepts to practical applications and/or current research.

Course 4.1	
Department (ECE) 4.2	
Division (APSC) 3.9	
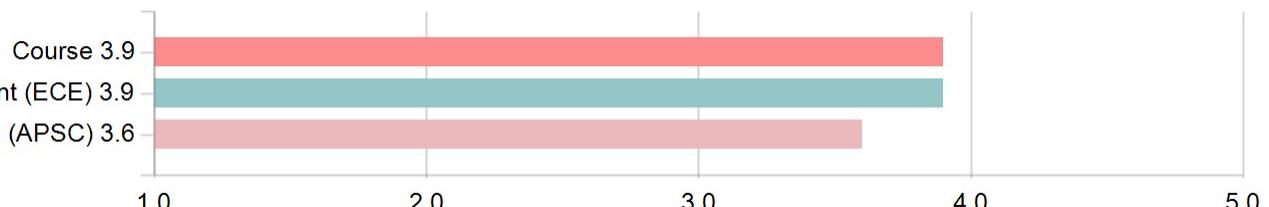
Scale: 1 - Very Light   2 - Light   3 - Average   4 - Heavy   5 - Very Heavy

11. Compared to other courses, the workload for this course was: (very light, light, average, heavy, very heavy)

Course 2.9	
Department (ECE) 3.5	
Division (APSC) 3.3	
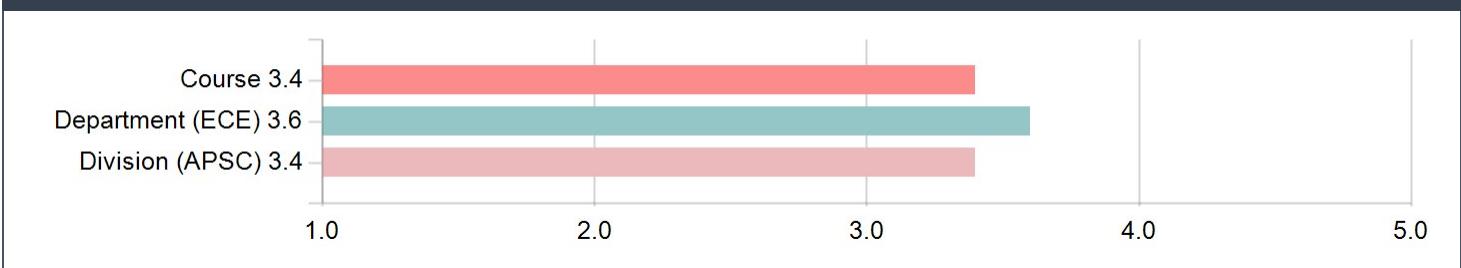
Scale: 1 - Not At All   2 - Somewhat   3 - Moderately   4 - Mostly   5 - A Great Deal

12. The instructor (**Hamid Shokrollah-Timorabadi**) explained how the course concepts related to other courses.

|	
Course 3.9	
Department (ECE) 3.9	
Division (APSC) 3.6	
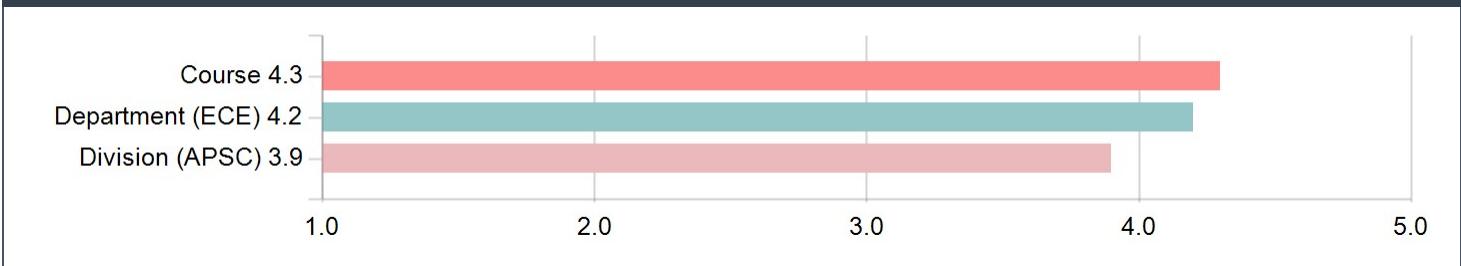
Scale: 1 - Not At All   2 - Somewhat   3 - Moderately   4 - Mostly   5 - A Great Deal

13. The feedback I received on tests, assignments, labs, and/or projects provided guidance on how to improve my understanding of course materials.

Course 3.4
Department (ECE) 3.6
Division (APSC) 3.4

| 1.0 | 2.0 | 3.0 | 4.0 | 5.0 |
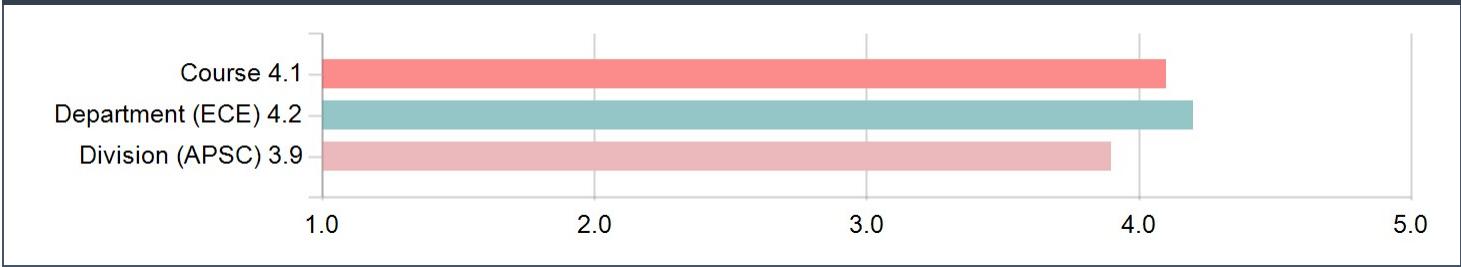
Scale: 1 - Not At All   2 - Somewhat   3 - Moderately   4 - Mostly   5 - A Great Deal

14. The instructor (**Hamid Shokrollah-Timorabadi**) explained what students are expected to learn in the course.

Course 4.3
Department (ECE) 4.2
Division (APSC) 3.9

| 1.0 | 2.0 | 3.0 | 4.0 | 5.0 |

Scale: 1 - Not At All   2 - Somewhat   3 - Moderately   4 - Mostly   5 - A Great Deal

15. The course instructor (**Hamid Shokrollah-Timorabadi**) delivered the course material in a clear and organized manner.

Course 4.1
Department (ECE) 4.2
Division (APSC) 3.9

| 1.0 | 2.0 | 3.0 | 4.0 | 5.0 |

Part C. Departmental Items

 Scale: 1 - Poor   2 - Fair   3 - Good   4 - Very Good   5 - Excellent

ECE001 Overall, the quality of my learning experience in the tutorial/lab was:

Course 3.3	
Department (ECE) 3.6	