D.C. JEWITT
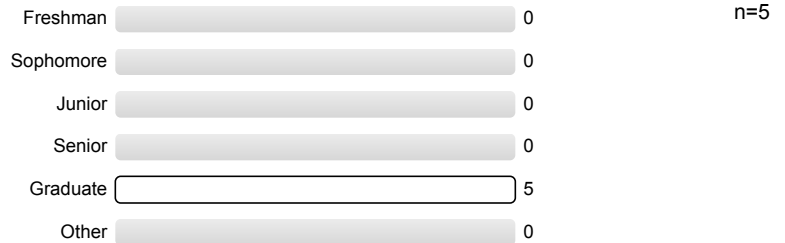## Evaluation of Instruction Program Report
15W: EPS SCI 264 DIS 1A: ORDER OF MAGNITUDE
No. of responses = 5
Enrollment = 7
Response Rate = 71.43%

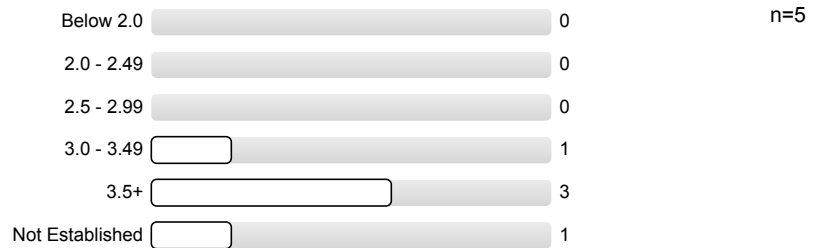**UCLA | EIP**

Survey Results

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1. Background Information:

1.1) Year in School:

		n=5
Freshman	0	
Sophomore	0	
Junior	0	
Senior	0	
Graduate	5	
Other	0	

1.2) UCLA GPA:

		n=5
Below 2.0	0	
2.0 - 2.49	0	
2.5 - 2.99	0	
3.0 - 3.49	1	
3.5+	3	
Not Established	1	

1.3) Expected Grade:

		n=5
A	5	
B	0	
C	0	
D	0	
F	0	
P	0	
NP	0	
?	0	

1.4) What requirements does this course fulfill?

		n=4
Major	2	
Related Field	1	
G.E.	0	
None	1	

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2. To What Extent Do You Feel That:

2.1) Instructor Concern – The instructor was concerned about student learning.

Very Low or Never — Very High or Always

	1	2	3	4	5	6	7	8	9
	0	0	0	0	0	1	0	3	1
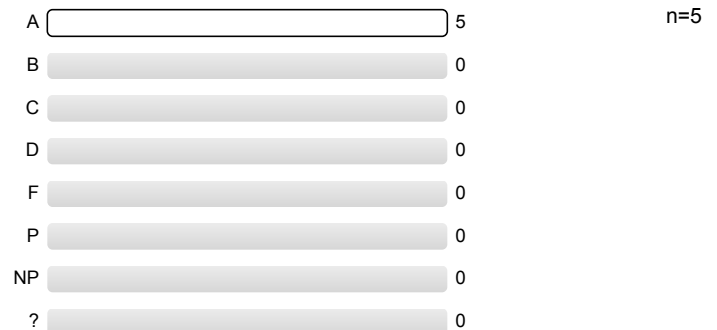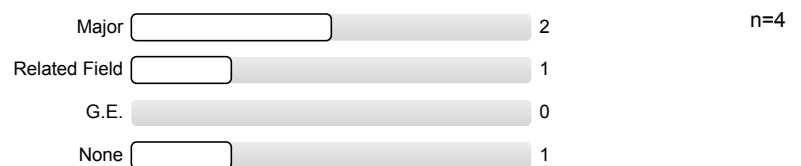
n=5
av.=7.8
md=8
dev.=1.1

2.2) Organization – Class presentations were well prepared and organized.

Very Low or Never — Very High or Always

	1	2	3	4	5	6	7	8	9
	0	0	0	0	0	0	3	0	2

n=5
av.=7.8
md=7
dev.=1.1

2.3) Interaction – Students felt welcome in seeking help in or outside of the class.

Very Low or Never — Very High or Always

	1	2	3	4	5	6	7	8	9
	0	0	0	0	1	1	0	0	2

n=4
av.=7.25
md=7.5
dev.=2.06
ab.=1

2.4) Communication Skills – The instructor had good communication skills.

Very Low or Never — Very High or Always

	1	2	3	4	5	6	7	8	9
	0	0	0	0	0	0	1	2	2

n=5
av.=8.2
md=8
dev.=0.84

2.5) Value – You have learned something you consider valuable.

Very Low or Never — Very High or Always

	1	2	3	4	5	6	7	8	9
	0	0	0	0	0	0	0	1	4

n=5
av.=8.8
md=9
dev.=0.45

2.6) Overall – Your overall rating of the instructor.

Very Low or Never — Very High or Always

	1	2	3	4	5	6	7	8	9
	0	0	0	0	0	0	1	2	2

n=5
av.=8.2
md=8
dev.=0.84

2.7) Overall – Your overall rating of the course.

Very Low or Never — Very High or Always

	1	2	3	4	5	6	7	8	9
	0	0	0	0	0	0	1	2	2

n=5
av.=8.2
md=8
dev.=0.84

3. Your View of Course Characteristics:

3.1) Subject interest before course

Low — High

	1	2	3
	2	1	2

n=5
av.=2
md=2
dev.=1

3.2) Subject interest after course

Low — High

	1	2	3
	0	0	5

n=5
av.=3
md=3
dev.=0

3.3) Mastery of course material

Low — High

	1	2	3
	0	2	3

n=5
av.=2.6
md=3
dev.=0.55

3.4) Difficulty (relative to other courses)

Low — High

	1	2	3
	2	2	1

n=5
av.=1.8
md=2
dev.=0.84

3.5) Workload/pace was

Too Slow — Too Much

	1	2	3
	0	5	0

n=5
av.=2
md=2
dev.=0

3.6) Texts, required readings

Poor — Excellent

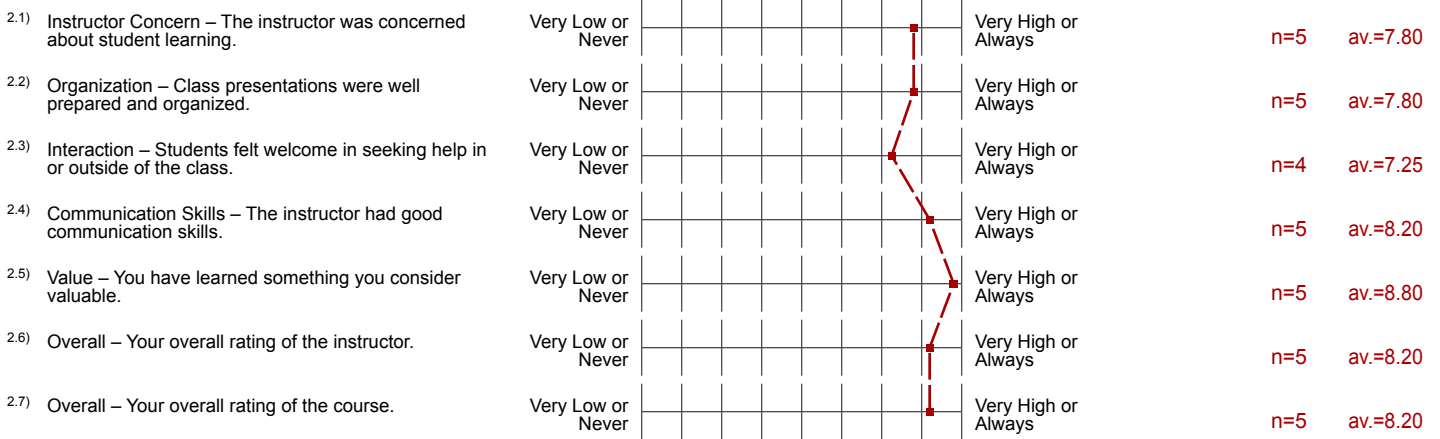|	1	2	3
	0	4	1

n=5
av.=2.2
md=2
dev.=0.45

3.7) **Homework assignments**

Poor ⟷ Excellent

n=5
av.=2.6
md=3
dev.=0.55

3.8) **Graded materials, examinations**

Poor ⟷ Excellent

n=5
av.=2.6
md=3
dev.=0.55

3.9) **Lecture presentations**

Poor ⟷ Excellent

n=5
av.=2.8
md=3
dev.=0.45

3.10) **Class discussions**
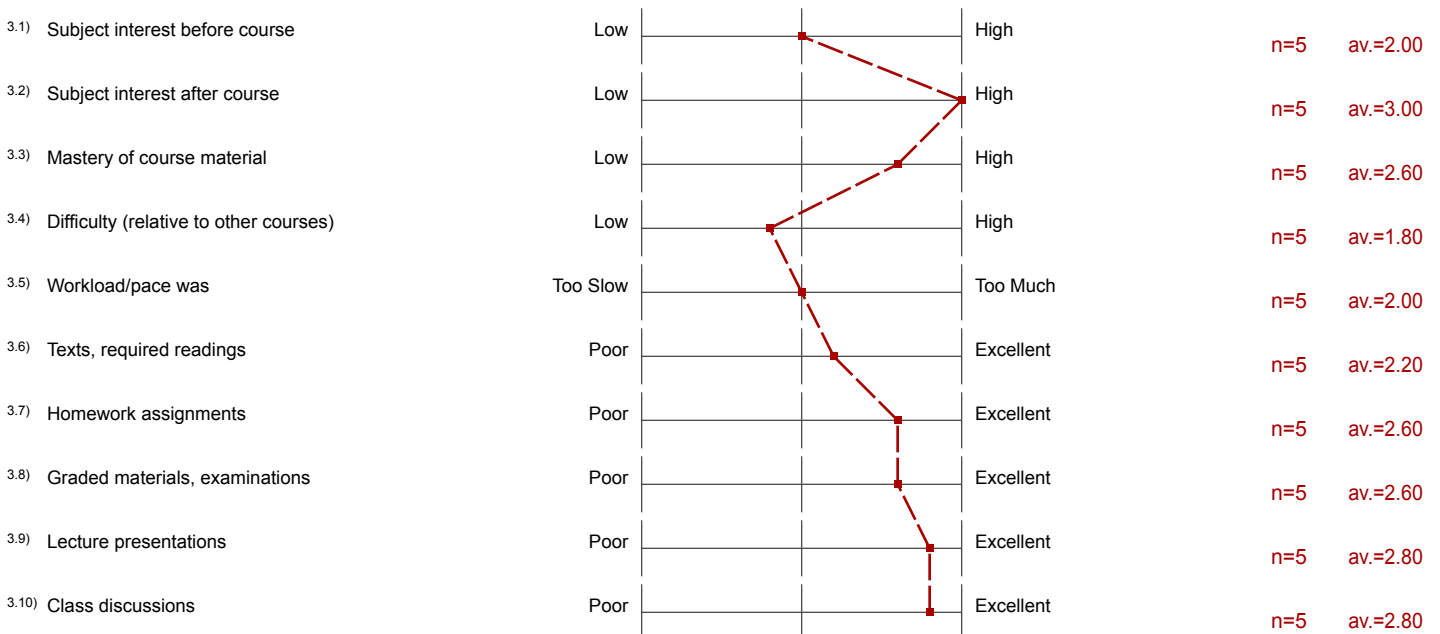
Poor ⟷ Excellent

n=5
av.=2.8
md=3
dev.=0.45

Profile

2. To What Extent Do You Feel That:

2.1)	Instructor Concern – The instructor was concerned about student learning.	Very Low or Never → Very High or Always	n=5	av.=7.80
2.2)	Organization – Class presentations were well prepared and organized.	Very Low or Never → Very High or Always	n=5	av.=7.80
2.3)	Interaction – Students felt welcome in seeking help in or outside of the class.	Very Low or Never → Very High or Always	n=4	av.=7.25
2.4)	Communication Skills – The instructor had good communication skills.	Very Low or Never → Very High or Always	n=5	av.=8.20
2.5)	Value – You have learned something you consider valuable.	Very Low or Never → Very High or Always	n=5	av.=8.80
2.6)	Overall – Your overall rating of the instructor.	Very Low or Never → Very High or Always	n=5	av.=8.20
2.7)	Overall – Your overall rating of the course.	Very Low or Never → Very High or Always	n=5	av.=8.20

3. Your View of Course Characteristics:

3.1)	Subject interest before course	Low → High	n=5	av.=2.00
3.2)	Subject interest after course	Low → High	n=5	av.=3.00
3.3)	Mastery of course material	Low → High	n=5	av.=2.60
3.4)	Difficulty (relative to other courses)	Low → High	n=5	av.=1.80
3.5)	Workload/pace was	Too Slow → Too Much	n=5	av.=2.00
3.6)	Texts, required readings	Poor → Excellent	n=5	av.=2.20
3.7)	Homework assignments	Poor → Excellent	n=5	av.=2.60
3.8)	Graded materials, examinations	Poor → Excellent	n=5	av.=2.60
3.9)	Lecture presentations	Poor → Excellent	n=5	av.=2.80
3.10)	Class discussions	Poor → Excellent	n=5	av.=2.80

Comments Report

4. Comments:

4.1) Please identify what you perceive to be the real strengths and weaknesses of this instructor and course.

- I like how the course deconstructed conventional thinking in the sciences in that it pulled us away from being fixated on numbers and brought us into critically analyzing the fundamental aspects of problems.

  The back-of-the-envelope problems are a good exercise on quick analytical thinking. Evaluating talks is also a good way to hone active listening and for us as future presenters. The number of students (7) is just right for ample discussion time.

- I've never gotten so much experience/skills out of a class as I did with this one. Problem solving, public speaking, and writing are things all students have to grapple with, and this class tackled them all.

  Strengths: The "just do it" approach to the material. Inviting people from the department to come listen to and give feedback of our talks was extremely helpful.

  Weaknesses: Wish the class would be longer than 10 weeks.

- The class encouraged class participation and allowed the students to hone in on real and practical skills associated with solving problems, writing, and giving presentations.
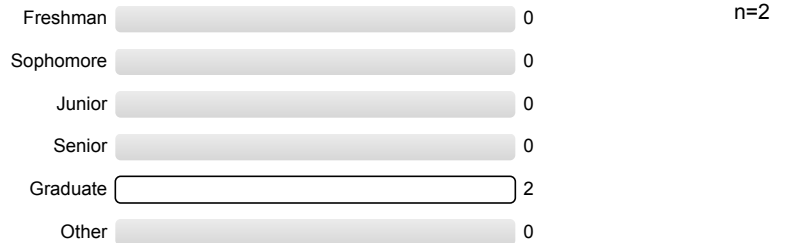
D.C. JEWITT
Evaluation of Instruction Program Report
15W: EPS SCI 264 SEM 1: ORDER OF MAGNITUDE
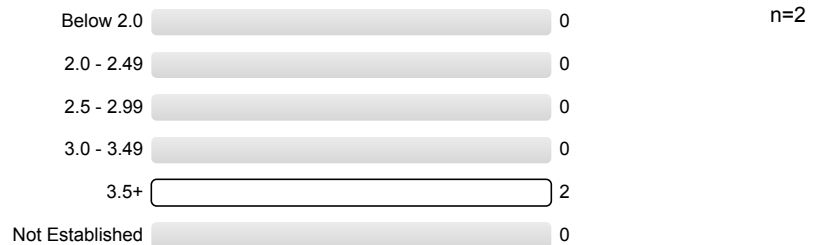No. of responses = 2
Enrollment = 7
Response Rate = 28.57%

Survey Results

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1. Background Information:
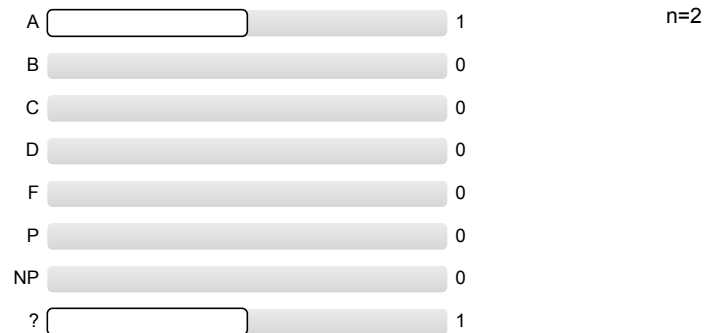
1.1) Year in School:

		n=2
Freshman		0
Sophomore		0
Junior		0
Senior		0
Graduate		2
Other		0

1.2) UCLA GPA:

		n=2
Below 2.0		0
2.0 - 2.49		0
2.5 - 2.99		0
3.0 - 3.49		0
3.5+		2
Not Established		0

1.3) Expected Grade:

		n=2
A		1
B		0
C		0
D		0
F		0
P		0
NP		0
?		1

1.4) What requirements does this course fulfill?

		n=2
Major		2
Related Field		0
G.E.		0
None		0

2. To What Extent Do You Feel That:

2.1) Instructor Concern – The instructor was concerned about student learning.

Very Low or Never | 0 0 0 0 0 1 0 0 1 | Very High or Always
1 2 3 4 5 6 7 8 9
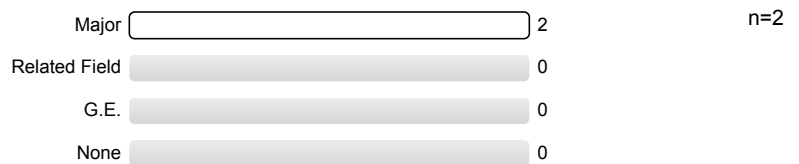
n=2
av.=7.5
md=7.5
dev.=2.12

2.2) Organization – Class presentations were well prepared and organized.

Very Low or Never | 0 0 0 0 0 0 1 0 1 | Very High or Always
1 2 3 4 5 6 7 8 9

n=2
av.=8
md=8
dev.=1.41

2.3) Interaction – Students felt welcome in seeking help in or outside of the class.

Very Low or Never | 0 0 0 0 1 0 0 0 1 | Very High or Always
1 2 3 4 5 6 7 8 9

n=2
av.=7
md=7
dev.=2.83

2.4) Communication Skills – The instructor had good communication skills.

Very Low or Never | 0 0 0 0 0 0 1 0 1 | Very High or Always
1 2 3 4 5 6 7 8 9

n=2
av.=8
md=8
dev.=1.41

2.5) Value – You have learned something you consider valuable.

Very Low or Never | 0 0 0 0 0 0 0 0 2 | Very High or Always
1 2 3 4 5 6 7 8 9

n=2
av.=9
md=9
dev.=0

2.6) Overall – Your overall rating of the instructor.

Very Low or Never | 0 0 0 0 0 0 0 1 1 | Very High or Always
1 2 3 4 5 6 7 8 9

n=2
av.=8.5
md=8.5
dev.=0.71

2.7) Overall – Your overall rating of the course.

Very Low or Never | 0 0 0 0 0 0 0 1 1 | Very High or Always
1 2 3 4 5 6 7 8 9

n=2
av.=8.5
md=8.5
dev.=0.71

3. Your View of Course Characteristics:

3.1) Subject interest before course

Low | 1 0 1 | High
1 2 3

n=2
av.=2
md=2
dev.=1.41

3.2) Subject interest after course

Low | 0 0 2 | High
1 2 3

n=2
av.=3
md=3
dev.=0

3.3) Mastery of course material

Low | 0 2 0 | High
1 2 3

n=2
av.=2
md=2
dev.=0

3.4) Difficulty (relative to other courses)

Low | 0 2 0 | High
1 2 3

n=2
av.=2
md=2
dev.=0

3.5) Workload/pace was

Too Slow | 0 2 0 | Too Much
1 2 3

n=2
av.=2
md=2
dev.=0

3.6) Texts, required readings

Poor | 0 1 1 | Excellent
1 2 3

n=2
av.=2.5
md=2.5
dev.=0.71

3.7) Homework assignments

Poor ⟶ Excellent

	0	0	2
1	2	3	

n=2
av.=3
md=3
dev.=0

3.8) Graded materials, examinations

Poor ⟶ Excellent

	0	0	1
1	2	3	

n=1
av.=3
md=3
dev.=0
ab.=1

3.9) Lecture presentations

Poor ⟶ Excellent

	0	0	2
1	2	3	

n=2
av.=3
md=3
dev.=0

3.10) Class discussions

Poor ⟶ Excellent

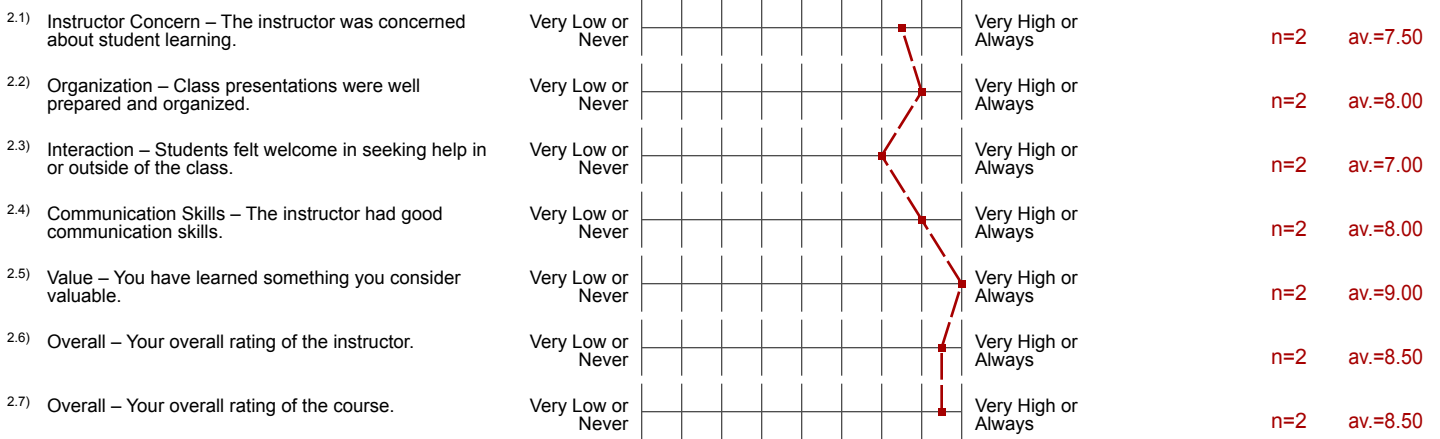|	0	0	2
1	2	3	

n=2
av.=3
md=3
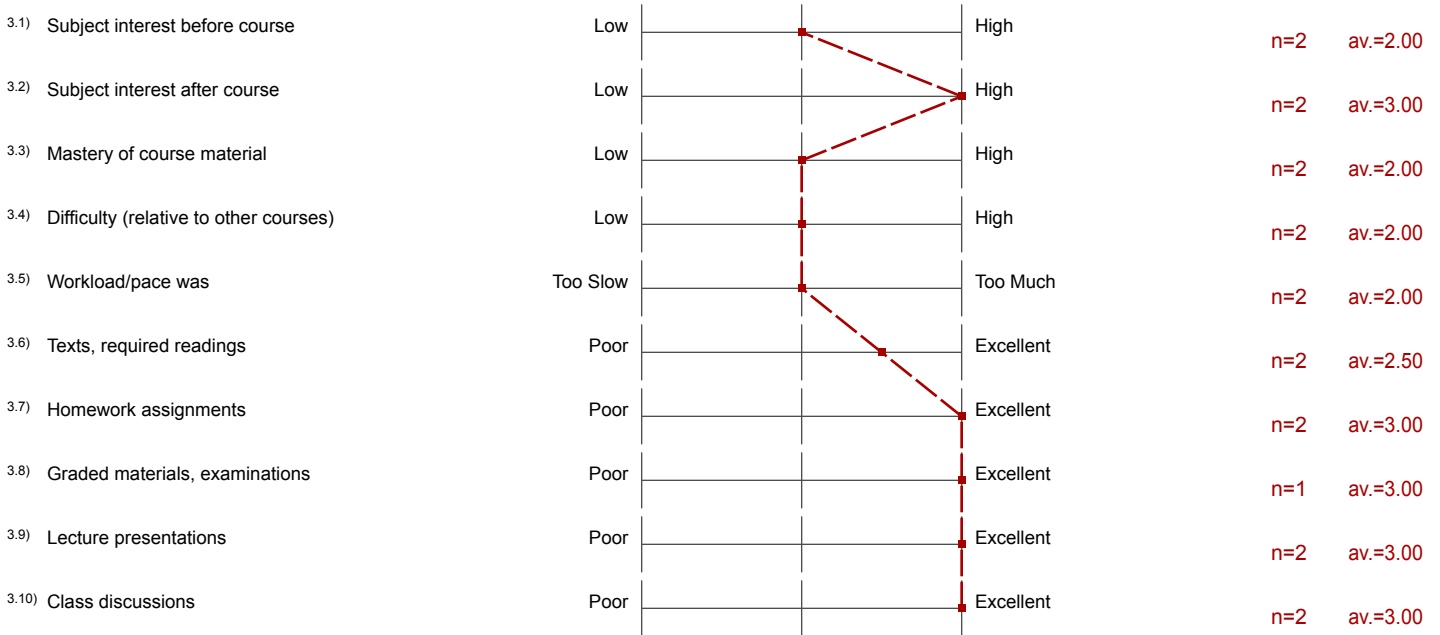dev.=0

Profile

Subunit: EPS SCI

Name of the instructor: D.C. JEWITT

Name of the course: 15W: EPS SCI 264 SEM 1: ORDER OF MAGNITUDE
(Name of the survey)

Values used in the profile line: Mean

2. To What Extent Do You Feel That:

2.1)	Instructor Concern – The instructor was concerned about student learning.	Very Low or Never — Very High or Always	n=2	av.=7.50
2.2)	Organization – Class presentations were well prepared and organized.	Very Low or Never — Very High or Always	n=2	av.=8.00
2.3)	Interaction – Students felt welcome in seeking help in or outside of the class.	Very Low or Never — Very High or Always	n=2	av.=7.00
2.4)	Communication Skills – The instructor had good communication skills.	Very Low or Never — Very High or Always	n=2	av.=8.00
2.5)	Value – You have learned something you consider valuable.	Very Low or Never — Very High or Always	n=2	av.=9.00
2.6)	Overall – Your overall rating of the instructor.	Very Low or Never — Very High or Always	n=2	av.=8.50
2.7)	Overall – Your overall rating of the course.	Very Low or Never — Very High or Always	n=2	av.=8.50

3. Your View of Course Characteristics:

3.1)	Subject interest before course	Low — High	n=2	av.=2.00
3.2)	Subject interest after course	Low — High	n=2	av.=3.00
3.3)	Mastery of course material	Low — High	n=2	av.=2.00
3.4)	Difficulty (relative to other courses)	Low — High	n=2	av.=2.00
3.5)	Workload/pace was	Too Slow — Too Much	n=2	av.=2.00
3.6)	Texts, required readings	Poor — Excellent	n=2	av.=2.50
3.7)	Homework assignments	Poor — Excellent	n=2	av.=3.00
3.8)	Graded materials, examinations	Poor — Excellent	n=1	av.=3.00
3.9)	Lecture presentations	Poor — Excellent	n=2	av.=3.00
3.10)	Class discussions	Poor — Excellent	n=2	av.=3.00

Comments Report

4. Comments:

4.1) Please identify what you perceive to be the real strengths and weaknesses of this instructor and course.

- Strengths: I enjoyed learning about the more practical aspects of academic life, especially in the context of the geology candidate search. I found both the public speaking and writing exercises valuable. The order of magnitude problems were challenging and enjoyable for the most part.

  Weaknesses: Towards the end of the course, the order of magnitude problems became somewhat redundant (same types of calculations). The class also seemed a bit split, I wish more time was dedicated towards either public speaking/writing or expanding on more complex or research-related OOM problems.