6. Did written assignments contribute to what you learned  
5. Did assigned readings contribute to what you learned  
4. Did other evaluations reflect the expected goals  
3. Did the exam questions reflect the expected goals  
2. Did the instructor make clear the expected goals  
1. Did you gain new insights, skills from this course  

General

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Laboratory

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Enrollment: 29
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### Frequency Distribution

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<th>Expected Grades</th>
<th>Reasons</th>
<th>Type</th>
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Legend:
- NR: Not Responded
- NA: Not Applicable
- MAJORS: Number of Majors
- CREDITS: Credits Earned
- GPA: Cumulative Grade Point Average
- EXPECTED GRADES: Expected Grades
- REASONS: Reasons for Major
- TYPE: Type of Course
- UNDER-GRAD: Under-Grad
- NON-MAJOR: Non-Major
- ELECTIVES: Elective Courses
- REQUIRED FOR MAJORS: Required for Majors
### General

1. Did you gain new insights, skills from this course  
   0 0 0 0 0 0 1 7 4.88 184/1509 4.88 4.42 4.31 4.39 4.88
2. Did the instructor make clear the expected goals  
   0 0 0 0 0 0 2 6 4.75 256/1509 4.75 4.39 4.26 4.26 4.75
3. Did the exam questions reflect the expected goals  
   0 0 0 0 0 0 1 7 4.88 151/1287 4.88 4.48 4.30 4.38 4.88
4. Did other evaluations reflect the expected goals  
   0 0 0 0 0 0 2 6 4.75 191/1459 4.75 4.32 4.22 4.32 4.75
5. Did assigned readings contribute to what you learned  
   0 0 0 0 0 0 1 7 4.88 103/1406 4.88 4.19 4.09 4.11 4.88
6. Did written assignments contribute to what you learned  
   0 0 0 0 0 0 1 4 4.80 107/1384 4.80 4.17 4.11 4.23 4.80
7. Was the grading system clearly explained  
   0 0 0 0 0 0 2 6 4.75 192/1489 4.75 4.07 4.17 4.17 4.75
8. How many times was class cancelled  
   0 0 0 0 0 0 3 5 4.63 973/1506 4.63 4.55 4.67 4.67 4.63
9. How would you grade the overall teaching effectiveness  
   1 0 0 0 0 0 1 6 4.86 99/1463 4.86 4.16 4.09 4.18 4.86

### Lecture

1. Were the instructor's lectures well prepared  
   4 0 0 0 0 0 4 5.00 1/1438 5.00 4.48 4.46 4.50 5.00
2. Did the instructor seem interested in the subject  
   4 0 0 0 0 0 4 5.00 1/1421 5.00 4.75 4.73 4.76 5.00
3. Was lecture material presented and explained clearly  
   4 0 0 0 0 0 4 5.00 1/1411 5.00 4.39 4.31 4.35 5.00
4. Did the lectures contribute to what you learned  
   4 0 0 0 0 0 4 5.00 1/1405 5.00 4.45 4.32 4.34 5.00
5. Did audiovisual techniques enhance your understanding  
   4 0 0 0 1 0 3 4.50 274/1236 4.50 3.92 4.00 4.03 4.50

### Discussion

1. Did class discussions contribute to what you learned  
   5 0 0 0 0 0 3 5.00 1/1260 5.00 4.32 4.14 4.25 5.00
2. Were all students actively encouraged to participate  
   5 0 0 0 0 0 3 5.00 1/1255 5.00 4.53 4.33 4.46 5.00
3. Did the instructor encourage fair and open discussion  
   5 0 0 0 0 0 3 5.00 1/1258 5.00 4.46 4.38 4.51 5.00
4. Were special techniques successful  
   5 0 0 0 0 1 2 4.67 152/ 873 4.67 4.14 4.03 4.26 4.67

### Seminar

1. Were assigned topics relevant to the announced theme  
   1 0 0 0 0 0 7 5.00 1/  89 5.00 4.49 4.71 5.00
2. Was the instructor available for individual attention  
   1 0 0 0 0 1 6 4.86 30/  92 4.86 4.93 4.54 4.83 4.86
3. Did research projects contribute to what you learned  
   1 0 0 0 1 1 5 4.57 51/  90 4.57 4.62 4.50 4.69 4.57
4. Did presentations contribute to what you learned  
   1 0 0 0 0 1 6 4.86 16/  92 4.86 4.93 4.38 4.64 4.86
5. Were criteria for grading made clear  
   1 0 0 0 0 2 5 4.71 20/  93 4.71 4.86 4.06 4.32 4.71

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### General

1. Did you gain new insights, skills from this course
   - NR: 0, NA: 0
   - Questions: 1, 2, 3, 4, 5
   - Mean: 4.40
   - Rank: 724/1509
   - Mean: 4.42
   - Mean: 4.31
   - Mean: 4.39
   - Mean: 4.40

2. Did the instructor make clear the expected goals
   - NR: 0, NA: 0
   - Questions: 1, 2, 3, 4, 5
   - Mean: 4.20
   - Rank: 922/1509
   - Mean: 4.39
   - Mean: 4.26
   - Mean: 4.26
   - Mean: 4.20

3. Did the exam questions reflect the expected goals
   - NR: 1, NA: 0
   - Questions: 1, 2, 3, 4, 5
   - Mean: 4.00
   - Rank: 1/1287
   - Mean: 4.48
   - Mean: 4.30
   - Mean: 4.38
   - Mean: ****

4. Did other evaluations reflect the expected goals
   - NR: 2, NA: 0
   - Questions: 1, 2, 3, 4, 5
   - Mean: 4.00
   - Rank: 979/1459
   - Mean: 4.32
   - Mean: 4.22
   - Mean: 4.32
   - Mean: 4.00

5. Did assigned readings contribute to what you learned
   - NR: 0, NA: 1
   - Questions: 1, 2, 3, 4, 5
   - Mean: 3.60
   - Rank: 1140/1406
   - Mean: 4.48
   - Mean: 4.30
   - Mean: 4.38
   - Mean: ****

6. Did written assignments contribute to what you learned
   - NR: 0, NA: 2
   - Questions: 1, 2, 3, 4, 5
   - Mean: 4.00
   - Rank: 807/1384
   - Mean: 4.17
   - Mean: 4.11
   - Mean: 4.23
   - Mean: 4.00

7. Was the grading system clearly explained
   - NR: 0, NA: 2
   - Questions: 1, 2, 3, 4, 5
   - Mean: 3.33
   - Rank: 1359/1489
   - Mean: 4.07
   - Mean: 4.17
   - Mean: 4.18
   - Mean: 3.33

8. How many times was class cancelled
   - NR: 0, NA: 4
   - Questions: 1, 2, 3, 4, 5
   - Mean: 2.40
   - Rank: 1503/1506
   - Mean: 4.55
   - Mean: 4.67
   - Mean: 4.67
   - Mean: 2.40

9. How would you grade the overall teaching effectiveness
   - NR: 1, NA: 0
   - Questions: 1, 2, 3, 4, 5
   - Mean: 4.00
   - Rank: 853/1463
   - Mean: 4.16
   - Mean: 4.09
   - Mean: 4.18
   - Mean: 4.00

### Lecture

1. Were the instructor's lectures well prepared
   - NR: 1, NA: 0
   - Questions: 1, 2, 3, 4, 5
   - Mean: 4.00
   - Rank: 1203/1438
   - Mean: 4.48
   - Mean: 4.46
   - Mean: 4.50
   - Mean: 4.00

2. Did the instructor seem interested in the subject
   - NR: 1, NA: 0
   - Questions: 1, 2, 3, 4, 5
   - Mean: 4.25
   - Rank: 1292/1421
   - Mean: 4.75
   - Mean: 4.73
   - Mean: 4.76
   - Mean: 4.25

3. Was lecture material presented and explained clearly
   - NR: 1, NA: 0
   - Questions: 1, 2, 3, 4, 5
   - Mean: 4.50
   - Rank: 617/1411
   - Mean: 4.39
   - Mean: 4.31
   - Mean: 4.35
   - Mean: 4.50

4. Did the lectures contribute to what you learned
   - NR: 1, NA: 0
   - Questions: 1, 2, 3, 4, 5
   - Mean: 4.00
   - Rank: 1047/1405
   - Mean: 4.45
   - Mean: 4.32
   - Mean: 4.34
   - Mean: 4.00

### Discussion

1. Did class discussions contribute to what you learned
   - NR: 3, NA: 0
   - Questions: 1, 2, 3, 4, 5
   - Mean: 5.00
   - Rank: 1/1260
   - Mean: 4.32
   - Mean: 4.14
   - Mean: 4.25
   - Mean: 5.00

2. Were all students actively encouraged to participate
   - NR: 3, NA: 0
   - Questions: 1, 2, 3, 4, 5
   - Mean: 4.50
   - Rank: 575/1255
   - Mean: 4.53
   - Mean: 4.33
   - Mean: 4.46
   - Mean: 4.50

3. Did the instructor encourage fair and open discussion
   - NR: 3, NA: 0
   - Questions: 1, 2, 3, 4, 5
   - Mean: 4.00
   - Rank: 932/1258
   - Mean: 4.46
   - Mean: 4.38
   - Mean: 4.51
   - Mean: 4.00

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|                |          |                  | P 0              | Other        | 0      |
|                |          |                  | I 0              |              | 0      |
|                |          |                  | ? 0              |              | 0      |