### General

1. **Did you gain new insights, skills from this course**
   - NR: 2
   - NA: 0
   - 1: 0
   - 2: 0
   - 3: 2
   - 4: 13
   - 5: 13
   - Mean: 4.81
   - Rank: 233/1674
   - Mean: 4.66
   - Mean: 4.27
   - Mean: 4.26
   - Mean: 4.81

2. **Did the instructor make clear the expected goals**
   - NR: 2
   - NA: 0
   - 1: 0
   - 2: 0
   - 3: 2
   - 4: 12
   - 5: 12
   - Mean: 4.75
   - Rank: 270/1674
   - Mean: 4.68
   - Mean: 4.26
   - Mean: 4.23
   - Mean: 4.21
   - Mean: 4.75

3. **Did the exam questions reflect the expected goals**
   - NR: 2
   - NA: 0
   - 1: 0
   - 2: 0
   - 3: 2
   - 4: 13
   - 5: 13
   - Mean: 4.75
   - Rank: 262/1423
   - Mean: 4.70
   - Mean: 4.36
   - Mean: 4.27
   - Mean: 4.27
   - Mean: 4.75

4. **Did other evaluations reflect the expected goals**
   - NR: 2
   - NA: 0
   - 1: 0
   - 2: 0
   - 3: 2
   - 4: 13
   - 5: 13
   - Mean: 4.69
   - Rank: 292/1609
   - Mean: 4.60
   - Mean: 4.45
   - Mean: 4.23
   - Mean: 4.27
   - Mean: 4.69

5. **Did assigned readings contribute to what you learned**
   - NR: 2
   - NA: 3
   - 1: 2
   - 2: 0
   - 3: 1
   - 4: 3
   - 5: 2
   - Mean: 3.54
   - Rank: 1205/1585
   - Mean: 3.95
   - Mean: 4.04
   - Mean: 3.96
   - Mean: 3.95
   - Mean: 3.54

6. **Did written assignments contribute to what you learned**
   - NR: 2
   - NA: 6
   - 1: 0
   - 2: 0
   - 3: 0
   - 4: 6
   - 5: 6
   - Mean: 4.60
   - Rank: 283/1535
   - Mean: 4.42
   - Mean: 4.08
   - Mean: 4.08
   - Mean: 4.15
   - Mean: 4.60

7. **Was the grading system clearly explained**
   - NR: 2
   - NA: 0
   - 1: 0
   - 2: 0
   - 3: 2
   - 4: 1
   - 5: 1
   - Mean: 4.81
   - Rank: 169/1651
   - Mean: 4.81
   - Mean: 4.20
   - Mean: 4.18
   - Mean: 4.16
   - Mean: 4.81

8. **How many times was class cancelled**
   - NR: 2
   - NA: 0
   - 1: 1
   - 2: 1
   - Mean: 5.00
   - Rank: 169/1651
   - Mean: 5.00
   - Mean: 4.65
   - Mean: 4.69
   - Mean: 4.68
   - Mean: 5.00

9. **How would you grade the overall teaching effectiveness**
   - NR: 3
   - NA: 0
   - 1: 0
   - 2: 0
   - 3: 0
   - 4: 2
   - 5: 13
   - Mean: 4.87
   - Rank: 123/1656
   - Mean: 4.66
   - Mean: 4.07
   - Mean: 4.07
   - Mean: 4.87

### Lecture

1. **Were the instructor's lectures well prepared**
   - NR: 2
   - NA: 0
   - 1: 0
   - 2: 0
   - 3: 2
   - 4: 14
   - Mean: 4.88
   - Rank: 266/1586
   - Mean: 4.87
   - Mean: 4.43
   - Mean: 4.43
   - Mean: 4.42
   - Mean: 4.88

2. **Did the instructor seem interested in the subject**
   - NR: 2
   - NA: 0
   - 1: 0
   - 2: 0
   - 3: 0
   - 4: 16
   - Mean: 5.00
   - Rank: 169/1651
   - Mean: 5.00
   - Mean: 4.72
   - Mean: 4.69
   - Mean: 4.66
   - Mean: 5.00

3. **Was lecture material presented and explained clearly**
   - NR: 2
   - NA: 0
   - 1: 0
   - 2: 0
   - 3: 0
   - 4: 5
   - 5: 11
   - Mean: 4.69
   - Rank: 409/1582
   - Mean: 4.67
   - Mean: 4.30
   - Mean: 4.26
   - Mean: 4.26
   - Mean: 4.69

4. **Did the lectures contribute to what you learned**
   - NR: 2
   - NA: 0
   - 1: 0
   - 2: 0
   - 3: 1
   - 4: 12
   - 5: 12
   - Mean: 4.69
   - Rank: 467/1575
   - Mean: 4.73
   - Mean: 4.32
   - Mean: 4.27
   - Mean: 4.25
   - Mean: 4.69

5. **Did audiovisual techniques enhance your understanding**
   - NR: 3
   - NA: 8
   - 1: 3
   - 2: 0
   - 3: 0
   - 4: 4
   - Mean: 4.14
   - Rank: 585/1380
   - Mean: 3.86
   - Mean: 3.94
   - Mean: 3.94
   - Mean: 4.01
   - Mean: 4.14

### Discussion

1. **Did class discussions contribute to what you learned**
   - NR: 12
   - NA: 0
   - 1: 0
   - 2: 0
   - 3: 0
   - 4: 2
   - 5: 2
   - Mean: 4.33
   - Rank: 572/1520
   - Mean: 3.94
   - Mean: 4.14
   - Mean: 4.01
   - Mean: 4.09
   - Mean: 4.33

2. **Were all students actively encouraged to participate**
   - NR: 12
   - NA: 0
   - 1: 0
   - 2: 0
   - 3: 0
   - 4: 1
   - 5: 5
   - Mean: 4.83
   - Rank: 289/1515
   - Mean: 4.58
   - Mean: 4.37
   - Mean: 4.24
   - Mean: 4.32
   - Mean: 4.83

3. **Did the instructor encourage fair and open discussion**
   - NR: 12
   - NA: 0
   - 1: 0
   - 2: 0
   - 3: 0
   - 4: 3
   - 5: 3
   - Mean: 4.50
   - Rank: 642/1511
   - Mean: 4.31
   - Mean: 4.37
   - Mean: 4.27
   - Mean: 4.34
   - Mean: 4.50

4. **Were special techniques successful**
   - NR: 12
   - NA: 1
   - 1: 0
   - 2: 0
   - 3: 0
   - 4: 1
   - 5: 4
   - Mean: 4.80
   - Rank: 95/994
   - Mean: 4.73
   - Mean: 3.97
   - Mean: 3.94
   - Mean: 3.96
   - Mean: 4.80

### Frequency Distribution

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<th>Expected Grades</th>
<th>Reasons</th>
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### Student Course Evaluation Questionnaire

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<td>1. Did you gain new insights, skills from this course</td>
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<td>607/1674</td>
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<td>2. Did the instructor make clear the expected goals</td>
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<td>3. Did the exam questions reflect the expected goals</td>
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<td>404/1623</td>
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<td>4. Did other evaluations reflect the expected goals</td>
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<td>905/1609</td>
<td>4.45</td>
<td>4.22</td>
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<td>5. Did assigned readings contribute to what you learned</td>
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<td>462/1585</td>
<td>3.95</td>
<td>4.04</td>
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<td>6. Did written assignments contribute to what you learned</td>
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<td>7. Was the grading system clearly explained</td>
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<td>2. Did the instructor seem interested in the subject</td>
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<td>3. Was lecture material presented and explained clearly</td>
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<td>4. Did the lectures contribute to what you learned</td>
<td>1 1 0 0 3 10 4.77</td>
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<td>5. Did audiovisual techniques enhance your understanding</td>
<td>1 7 2 1 2 3 3.57</td>
<td>1009/1380</td>
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<td>3.94</td>
<td>4.01</td>
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<td><strong>Discussion</strong></td>
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<td>1. Did class discussions contribute to what you learned</td>
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<td>1149/1520</td>
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<td>2. Were all students actively encouraged to participate</td>
<td>6 0 0 1 0 3 5 4.33</td>
<td>827/1515</td>
<td>4.58</td>
<td>4.37</td>
<td>4.32</td>
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<td>3. Did the instructor encourage fair and open discussion</td>
<td>6 0 0 1 3 4 4.11</td>
<td>1011/1511</td>
<td>4.31</td>
<td>4.37</td>
<td>4.34</td>
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<td>4. Were special techniques successful</td>
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<td><strong>Laboratory</strong></td>
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<td>2. Were you provided with adequate background information</td>
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<td>3. Were necessary materials available for lab activities</td>
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<td>4. Did the lab instructor provide assistance</td>
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<td>****/259</td>
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<td>5. Were requirements for lab reports clearly specified</td>
<td>14 0 0 0 0 1 5.00</td>
<td>****/233</td>
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<td>1. Were assigned topics relevant to the announced theme</td>
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<td>2. Was the instructor available for individual attention</td>
<td>14 0 0 0 0 1 5.00</td>
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<td>3. Did research projects contribute to what you learned</td>
<td>14 0 0 0 0 1 5.00</td>
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<td>4. Did presentations contribute to what you learned</td>
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<td>5. Were criteria for grading made clear</td>
<td>14 0 0 0 0 1 5.00</td>
<td>****/97</td>
<td>3.76</td>
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<td>2. Did you clearly understand your evaluation criteria</td>
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<td>4. To what degree could you discuss your evaluations</td>
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<td>5. Did conferences help you carry out field activities</td>
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<td>3. Were your contacts with the instructor helpful</td>
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<td>4. Was the feedback/tutoring by proctors helpful</td>
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<td>5. Were there enough proctors for all the students</td>
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## Frequency Distribution

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<th>Expected Grades</th>
<th>Reasons</th>
<th>Type</th>
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# Student Course Evaluation Questionnaire

| Questions                                                                 | NR | NA | 1 | 2 | 3 | 4 | 5 | Mean | Rank | Mean | Mean | Mean | Mean | Mean |
|---------------------------------------------------------------------------|----|----|---|---|---|---|---|------|------|------|------|------|------|------|      |
| 1. Did you gain new insights, skills from this course                     | 0  | 0  | 0 | 0 | 0 | 0 | 22| 5.00 | 1/1674| 5.00 | 4.23 | 4.27 | 4.26 | 5.00 |
| 2. Did the instructor make clear the expected goals                       | 0  | 0  | 0 | 0 | 0 | 4 | 18| 4.82 | 207/1674| 4.82 | 4.26 | 4.23 | 4.21 | 4.82 |
| 3. Did the exam questions reflect the expected goals                      | 0  | 0  | 0 | 0 | 0 | 3 | 19| 4.86 | 160/1423| 4.86 | 4.36 | 4.27 | 4.27 | 4.86 |
| 4. Did other evaluations reflect the expected goals                        | 0  | 2  | 0 | 0 | 0 | 4 | 16| 4.80 | 173/1609| 4.80 | 4.23 | 4.22 | 4.27 | 4.80 |
| 5. Did assigned readings contribute to what you learned                   | 0  | 8  | 0 | 0 | 0 | 3 | 10| 4.64 | 238/1585| 4.64 | 4.04 | 3.96 | 4.27 | 4.64 |
| 6. Did written assignments contribute to what you learned                 | 0  | 5  | 0 | 0 | 0 | 4 | 13| 4.76 | 161/1535| 4.76 | 4.08 | 4.08 | 4.15 | 4.76 |
| 7. Was the grading system clearly explained                               | 0  | 0  | 0 | 0 | 0 | 3 | 19| 4.86 | 139/1651| 4.86 | 4.20 | 4.18 | 4.16 | 4.86 |
| 8. How many times was class cancelled                                      | 1  | 0  | 0 | 0 | 0 | 10| 11| 4.52 | 1189/1673| 4.52 | 4.65 | 4.69 | 4.68 | 4.52 |
| 9. How would you grade the overall teaching effectiveness                 | 6  | 0  | 0 | 0 | 0 | 5 | 11| 4.69 | 239/1656| 4.69 | 4.06 | 4.07 | 4.07 | 4.69 |

## Lecture

|                                             | NR | NA | 1 | 2 | 3 | 4 | 5 | Mean | Rank | Mean | Mean | Mean | Mean | Mean |
|---------------------------------------------|----|----|---|---|---|---|---|------|------|------|------|------|------|------|      |
| 1. Were the instructor's lectures well prepared | 0  | 0  | 0 | 0 | 0 | 4 | 18| 4.82 | 371/1586| 4.82 | 4.43 | 4.43 | 4.42 | 4.82 |
| 2. Did the instructor seem interested in the subject                         | 0  | 0  | 0 | 0 | 0 | 2 | 20| 4.91 | 567/1585| 4.91 | 4.72 | 4.69 | 4.66 | 4.91 |
| 3. Was lecture material presented and explained clearly                        | 0  | 0  | 0 | 0 | 0 | 4 | 18| 4.82 | 236/1582| 4.82 | 4.30 | 4.26 | 4.26 | 4.82 |
| 4. Did the lectures contribute to what you learned                             | 0  | 0  | 0 | 0 | 0 | 4 | 18| 4.82 | 268/1575| 4.82 | 4.32 | 4.27 | 4.25 | 4.82 |
| 5. Did audiovisual techniques enhance your understanding                       | 0  | 14 | 0  | 1 | 3 | 4 | 4.38| 399/1380| 4.38 | 3.94 | 3.94 | 4.01 | 4.38 |

## Discussion

|                                             | NR | NA | 1 | 2 | 3 | 4 | 5 | Mean | Rank | Mean | Mean | Mean | Mean | Mean |
|---------------------------------------------|----|----|---|---|---|---|---|------|------|------|------|------|------|------|      |
| 1. Did class discussions contribute to what you learned                        | 12 | 0  | 0 | 0 | 0 | 3 | 7 | 4.70 | 274/1520| 4.70 | 4.14 | 4.01 | 4.09 | 4.70 |
| 2. Were all students actively encouraged to participate                          | 12 | 0  | 0 | 0 | 0 | 2 | 8 | 4.80 | 325/1515| 4.80 | 4.37 | 4.24 | 4.32 | 4.80 |
| 3. Did the instructor encourage fair and open discussion                          | 12 | 0  | 0 | 0 | 2 | 1 | 7 | 4.50 | 642/1511| 4.50 | 4.37 | 4.27 | 4.34 | 4.50 |
| 4. Were special techniques successful                                             | 12 | 6  | 0 | 0 | 0 | 1 | 3 | 4.75 | 994/994| **** | 3.97 | 3.94 | 3.96 | **** |

## Laboratory

|                                             | NR | NA | 1 | 2 | 3 | 4 | 5 | Mean | Rank | Mean | Mean | Mean | Mean | Mean |
|---------------------------------------------|----|----|---|---|---|---|---|------|------|------|------|------|------|------|      |
| 1. Did the lab increase understanding of the material                            | 21 | 0  | 0 | 0 | 0 | 0 | 1 | 5.00 | ****/265 | **** | 4.06 | 4.23 | 4.26 | **** |
| 2. Were you provided with adequate background information                          | 21 | 0  | 0 | 0 | 0 | 0 | 1 | 5.00 | ****/278 | **** | 4.21 | 4.19 | 4.24 | **** |

## Frequency Distribution

<table>
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<th>Expected Grades</th>
<th>Reasons</th>
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<td>Required for Majors</td>
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