### Frequencies

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#### General

1. Did you gain new insights, skills from this course  
   - 2 0 0 0 4 4 22 4.60 485/1674 4.60 4.23 4.27 4.07 4.60
2. Did the instructor make clear the expected goals  
   - 2 0 0 1 8 21 4.67 379/1674 4.67 4.26 4.23 4.16 4.67
3. Did the exam questions reflect the expected goals  
   - 2 0 0 4 5 21 4.57 505/1423 4.57 4.36 4.27 4.16 4.57
4. Did other evaluations reflect the expected goals  
   - 2 1 1 5 4 9 3.95 1159/1609 3.95 4.04 4.22 4.05 3.95
5. Did assigned readings contribute to what you learned  
   - 2 1 5 1 6 7 10 3.55 1193/1585 3.55 4.04 4.22 4.05 3.55
6. Did the grading system clearly explained  
   - 2 0 0 0 3 3 24 4.70 298/1651 4.70 4.20 4.18 4.10 4.70
7. How many times was class cancelled  
   - 2 0 0 0 0 4 26 4.87 778/1673 4.87 4.65 4.69 4.67 4.87
8. How would you grade the overall teaching effectiveness  
   - 8 0 0 0 3 13 8 4.21 783/1656 4.21 4.06 4.07 3.96 4.21
9. Were the instructor's lectures well prepared  
   - 3 0 0 0 1 4 24 4.79 410/1586 4.79 4.43 4.43 4.37 4.79
10. Did the instructor seem interested in the subject  
    - 3 0 0 0 3 7 19 4.55 1183/1585 4.55 4.72 4.69 4.60 4.55
11. Was lecture material presented and explained clearly  
    - 3 0 0 0 1 4 24 4.79 259/1582 4.79 4.30 4.26 4.17 4.79
12. Did the lectures contribute to what you learned  
    - 3 0 0 0 2 2 25 4.79 295/1575 4.79 4.32 4.27 4.17 4.79
13. Did audiovisual techniques enhance your understanding  
    - 4 0 0 0 9 5 13 4.07 635/1380 4.07 3.94 3.94 3.78 4.07

#### Lecture

1. Did class discussions contribute to what you learned  
   - 12 0 0 1 4 5 10 4.20 700/1520 4.20 4.14 4.01 3.76 4.20
2. Were all students actively encouraged to participate  
   - 12 0 1 1 3 5 10 4.10 993/1515 4.10 4.37 4.24 3.97 4.10
3. Did the instructor encourage fair and open discussion  
   - 12 0 1 0 2 5 12 4.35 798/1511 4.35 4.37 4.27 4.00 4.35

#### Laboratory

1. Did the lab increase understanding of the material  
   - 30 1 0 0 0 0 1 5.00 ****/ 265 **** 4.06 4.23 3.97 ****
2. Were you provided with adequate background information  
   - 30 0 0 0 0 0 1 5.00 ****/ 260 **** 4.43 4.46 4.40 ****
3. Were necessary materials available for lab activities  
   - 30 1 0 0 0 0 1 5.00 ****/ 259 **** 4.21 4.33 4.19 ****
4. Did the lab instructor provide assistance  
   - 30 1 0 0 0 0 1 5.00 ****/ 233 **** 4.36 4.20 4.00 ****

#### Seminar

1. Were assigned topics relevant to the announced theme  
   - 30 1 0 0 0 0 1 5.00 ****/ 103 **** 4.39 4.41 4.33 ****
2. Was the instructor available for individual attention  
   - 30 0 0 0 0 0 1 5.00 ****/ 101 **** 4.33 4.48 4.18 ****
3. Did research projects contribute to what you learned  
   - 30 1 0 0 0 0 1 5.00 ****/ 95 **** 4.15 4.31 3.99 ****
4. Did presentations contribute to what you learned  
   - 30 1 0 0 0 0 1 5.00 ****/ 99 **** 4.36 4.39 4.10 ****
5. Were criteria for grading made clear  
   - 30 1 0 0 0 0 1 5.00 ****/ 97 **** 3.76 4.14 3.69 ****

#### Field Work

1. Did field experience contribute to what you learned  
   - 30 0 1 0 0 0 1 3.00 ****/ 76 **** 3.36 3.98 3.32 ****
2. Did you clearly understand your evaluation criteria  
   - 30 0 0 0 0 1 1 4.50 ****/ 77 **** 3.65 3.93 3.42 ****
3. Was the instructor available for consultation  
   - 30 1 0 0 0 0 1 5.00 ****/ 53 **** 4.19 4.45 4.34 ****
4. To what degree could you discuss your evaluations  
   - 30 1 0 0 0 0 1 5.00 ****/ 48 **** 3.86 4.12 4.00 ****
5. Did conferences help you carry out field activities  
   - 30 1 0 0 0 0 1 5.00 ****/ 49 **** 3.74 4.27 4.30 ****

#### Self Paced

1. Did self-paced system contribute to what you learned  
   - 31 0 0 0 0 0 1 5.00 ****/ 61 **** 4.03 4.09 3.87 ****
2. Did study questions make clear the expected goal  
   - 31 0 0 0 0 0 1 5.00 ****/ 52 **** 4.21 4.26 3.91 ****
3. Were your contacts with the instructor helpful  
   - 31 0 0 0 0 0 1 5.00 ****/ 50 **** 4.23 4.44 4.39 ****
4. Was the feedback/tutoring by proctors helpful  
   - 31 0 0 0 0 0 1 5.00 ****/ 35 **** 4.22 4.36 3.92 ****
5. Were there enough proctors for all the students  
   - 31 0 0 0 0 0 1 5.00 ****/ 31 **** 4.25 4.34 3.88 ****


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<th>Cum. GPA</th>
<th>Expected Grades</th>
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- Required for Majors: 0
- Under-grad: 32
- Non-major: 9
- Electives: 3
- Other: 14

- Graduate: 0
- Major: 0
- # # # - Means there are not enough responses to be significant
### Student Course Evaluation Questionnaire

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<th>Course Dept</th>
<th>UMBC Level</th>
<th>Sect</th>
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<td>11. Was lecture material presented and explained clearly</td>
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<td>13. Did audiovisual techniques enhance your understanding</td>
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Other: 6

*** - Means there are not enough responses to be significant
### Student Course Evaluation Questionnaire

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<td>3 0 0 0 0 1 17</td>
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### Notes
- **Grad.** - means there are not enough responses to be significant.
- **##** - means there are not enough responses to be significant.
- **Required for Majors**
- **General**
- **Electives**
- **Other**
### General

1. Did you gain new insights, skills from this course
   - NR: 2
   - NA: 1
   - 1: 0
   - 2: 0
   - 3: 0
   - 4: 0
   - 5: 1
   - Mean: 4.90
   - Rank: 4.27
   - Mean: 4.23
   - Mean: 4.42
   - Mean: 4.90

2. Did the instructor make clear the expected goals
   - NR: 0
   - NA: 0
   - 1: 0
   - 2: 0
   - 3: 0
   - 4: 0
   - 5: 0
   - Mean: 5.00
   - Rank: 4.26
   - Mean: 4.23
   - Mean: 5.00
   - Mean: 4.26
   - Mean: 5.00

3. Did the exam questions reflect the expected goals
   - NR: 0
   - NA: 0
   - 1: 0
   - 2: 0
   - 3: 0
   - 4: 0
   - 5: 1
   - Mean: 4.95
   - Rank: 4.36
   - Mean: 4.27
   - Mean: 4.34
   - Mean: 4.95

4. Did other evaluations reflect the expected goals
   - NR: 0
   - NA: 0
   - 1: 0
   - 2: 0
   - 3: 0
   - 4: 0
   - 5: 2
   - Mean: 4.70
   - Rank: 4.22
   - Mean: 4.30
   - Mean: 4.70

5. Did assigned readings contribute to what you learned
   - NR: 1
   - NA: 0
   - 1: 2
   - 2: 0
   - 3: 0
   - 4: 0
   - 5: 0
   - Mean: 4.79
   - Rank: 4.23
   - Mean: 4.27
   - Mean: 4.23
   - Mean: 4.27

6. Did written assignments contribute to what you learned
   - NR: 1
   - NA: 0
   - 1: 0
   - 2: 0
   - 3: 0
   - 4: 0
   - 5: 4
   - Mean: 4.70
   - Rank: 4.23
   - Mean: 4.27
   - Mean: 4.27
   - Mean: 4.30

7. Was the grading system clearly explained
   - NR: 1
   - NA: 0
   - 1: 0
   - 2: 0
   - 3: 0
   - 4: 0
   - 5: 0
   - Mean: 4.89
   - Rank: 4.18
   - Mean: 4.89
   - Mean: 4.18
   - Mean: 4.89

8. How many times was class cancelled
   - NR: 1
   - NA: 0
   - 1: 0
   - 2: 0
   - 3: 0
   - 4: 0
   - 5: 0
   - Mean: 5.00
   - Rank: 5.00
   - Mean: 4.67
   - Mean: 4.67
   - Mean: 5.00

9. How would you grade the overall teaching effectiveness
   - NR: 3
   - NA: 1
   - 1: 0
   - 2: 0
   - 3: 0
   - 4: 0
   - 5: 0
   - Mean: 4.75
   - Rank: 4.07
   - Mean: 4.19
   - Mean: 4.75

### Lecture

1. Were the instructor's lectures well prepared
   - NR: 2
   - NA: 0
   - 1: 0
   - 2: 0
   - 3: 0
   - 4: 0
   - 5: 0
   - Mean: 5.00
   - Rank: 4.43
   - Mean: 4.43
   - Mean: 5.00

2. Did the instructor seem interested in the subject
   - NR: 2
   - NA: 0
   - 1: 0
   - 2: 0
   - 3: 0
   - 4: 0
   - 5: 0
   - Mean: 5.00
   - Rank: 4.72
   - Mean: 4.69
   - Mean: 5.00

3. Was lecture material presented and explained clearly
   - NR: 2
   - NA: 0
   - 1: 0
   - 2: 0
   - 3: 0
   - 4: 0
   - 5: 0
   - Mean: 5.00
   - Rank: 4.30
   - Mean: 4.26
   - Mean: 5.00

4. Did the lectures contribute to what you learned
   - NR: 2
   - NA: 0
   - 1: 0
   - 2: 0
   - 3: 0
   - 4: 0
   - 5: 0
   - Mean: 5.00
   - Rank: 4.32
   - Mean: 4.27
   - Mean: 5.00

5. Did audiovisual techniques enhance your understanding
   - NR: 3
   - NA: 11
   - 1: 0
   - 2: 0
   - 3: 0
   - 4: 0
   - 5: 0
   - Mean: 3.33
   - Rank: 3.94
   - Mean: 3.94
   - Mean: 4.04

### Discussion

1. Did class discussions contribute to what you learned
   - NR: 10
   - NA: 0
   - 1: 0
   - 2: 0
   - 3: 0
   - 4: 0
   - 5: 0
   - Mean: 5.00
   - Rank: 4.14
   - Mean: 4.01
   - Mean: 4.18

2. Were all students actively encouraged to participate
   - NR: 10
   - NA: 0
   - 1: 0
   - 2: 0
   - 3: 0
   - 4: 0
   - 5: 0
   - Mean: 5.00
   - Rank: 4.37
   - Mean: 4.40
   - Mean: 5.00

3. Did the instructor encourage fair and open discussion
   - NR: 10
   - NA: 0
   - 1: 0
   - 2: 0
   - 3: 0
   - 4: 0
   - 5: 0
   - Mean: 5.00
   - Rank: 4.37
   - Mean: 4.27
   - Mean: 4.45

4. Were special techniques successful
   - NR: 11
   - NA: 2
   - 1: 0
   - 2: 0
   - 3: 0
   - 4: 0
   - 5: 0
   - Mean: 4.57
   - Rank: 3.97
   - Mean: 3.94
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