# Student Course Evaluation Questionnaire

|   |    |    | Fre | equer | ncies | 3  |    | Inst | ructor    | Course | Dept | UMBC | Level | Sect |
|---|----|----|-----|-------|-------|----|----|------|-----------|--------|------|------|-------|------|
| Questions   | NR | NA | 1   | 2     | 3     | 4  | 5  | Mean | Rank      | Mean   | Mean | Mean | Mean  | Mean |
| General   |    |    |     |       |       |    |    |      |           |        |      |      |       |      |
| 1. Did you gain new insights,skills from this course      | 0  | 0  | 1   | 1     | 6     | 4  | 21 | 4.30 | 893/1576  | 4.33   | 4.49 | 4.30 | 4.35  | 4.30 |
| 2. Did the instructor make clear the expected goals       | 1  | 0  | 0   | 1     | 1     | 7  | 23 | 4.63 | 448/1576  | 4.55   | 4.35 | 4.27 | 4.32  | 4.63 |
| 3. Did the exam questions reflect the expected goals      | 2  | 5  | 1   | 1     | 2     | 1  | 21 | 4.54 | 552/1342  | 4.70   | 4.43 | 4.32 | 4.41  | 4.54 |
| 4. Did other evaluations reflect the expected goals       | 1  | 1  | 0   | 0     | 3     | 4  | 24 | 4.68 | 329/1520  | 4.66   | 4.45 | 4.25 | 4.26  | 4.68 |
| 5. Did assigned readings contribute to what you learned   | 0  | 0  | 0   | 1     | 2     | 4  | 26 | 4.67 | 264/1465  | 4.65   | 4.45 | 4.12 | 4.09  | 4.67 |
| 6. Did written assignments contribute to what you learned | 0  | 0  | 0   | 1     | 1     | 3  | 28 | 4.76 | 193/1434  | 4.58   | 4.54 | 4.14 | 4.06  | 4.76 |
| 7. Was the grading system clearly explained               | 0  | 0  | 0   | 1     | 3     | 3  | 26 | 4.64 | 375/1547  | 4.46   | 4.24 | 4.19 | 4.22  | 4.64 |
| 8. How many times was class cancelled                     | 0  | 1  | 0   | 0     | 0     | 17 | 15 | 4.47 | 1128/1574 | 4.25   | 4.48 | 4.64 | 4.62  | 4.47 |
| 9. How would you grade the overall teaching effectiveness | 3  | 1  | 0   | 0     | 4     | 15 | 10 | 4.21 | 762/1554  | 4.24   | 4.28 | 4.10 | 4.05  | 4.21 |
| Lecture   |    |    |     |       |       |    |    |      |           |        |      |      |       |      |
| 1. Were the instructor's lectures well prepared           | 2  | 0  | 1   | 0     | 2     | 7  | 21 | 4.52 | 858/1488  | 4.67   | 4.55 | 4.47 | 4.44  | 4.52 |
| 2. Did the instructor seem interested in the subject      | 2  | 0  | 0   | 0     | 0     | 2  | 29 | 4.94 | 390/1493  | 4.95   | 4.90 | 4.73 | 4.75  | 4.94 |
| 3. Was lecture material presented and explained clearly   | 2  | 0  | 0   | 0     | 3     | 6  | 22 | 4.61 | 545/1486  | 4.54   | 4.48 | 4.32 | 4.29  | 4.61 |
| 4. Did the lectures contribute to what you learned        | 2  | 0  | 0   | 0     | 3     | 4  | 24 | 4.68 | 487/1489  | 4.54   | 4.55 | 4.32 | 4.31  | 4.68 |
| 5. Did audiovisual techniques enhance your understanding  | 2  | 1  | 0   | 2     | 6     | 6  | 16 | 4.20 | 585/1277  | 4.49   | 4.36 | 4.03 | 4.01  | 4.20 |
| Discussion  |    |    |     |       |       |    |    |      |           |        |      |      |       |      |
| 1. Did class discussions contribute to what you learned   | 10 | 0  | 0   | 1     | 1     | 6  | 15 | 4.52 | 432/1279  | 4.47   | 4.37 | 4.17 | 4.14  | 4.52 |
| 2. Were all students actively encouraged to participate   | 10 | 0  | 0   | 0     | 4     | 3  | 16 | 4.52 | 620/1270  | 4.67   | 4.50 | 4.35 | 4.30  | 4.52 |
| 3. Did the instructor encourage fair and open discussion  | 10 | 0  | 0   | 0     | 1     | 7  | 15 | 4.61 | 584/1269  | 4.80   | 4.68 | 4.35 | 4.29  | 4.61 |
| 4. Were special techniques successful                     | 10 | 4  | 0   | 1     | 4     | 6  | 8  | 4.11 | 446/ 878  | 3.49   | 3.81 | 4.05 | 3.92  | 4.11 |

| Credits Ea | arned | Cum. GPA  | 7  | Expecte | d Grades | Reasons             |    | Туре         |        | Majors         |    |
|------------|-------|-----------|----|---------|----------|---------------------|----|--------------|--------|----------------|----|
| 00-27      | 1     | 0.00-0.99 | 0  | А<br>А  | 21       | Required for Majors | 19 | Graduate     | 0      | Major          | 1  |
| 28-55      | 1     | 1.00-1.99 | 0  | В       | 9        |                     |    |              |        |                |    |
| 56-83      | б     | 2.00-2.99 | 4  | С       | 1        | General             | б  | Under-grad   | 33     | Non-major      | 32 |
| 84-150     | 6     | 3.00-3.49 | 4  | D       | 0        |                     |    |              |        |                |    |
| Grad.      | 0     | 3.50-4.00 | 10 | F       | 0        | Electives           | 1  | #### - Means | there  | are not enough | ı  |
|            |       |           |    | P       | 0        |                     |    | responses to | be sig | gnificant      |    |
|            |       |           |    | I       | 0        | Other               | 5  | _            |        |                |    |
|            |       |           |    | ?       | 0        |                     |    |              |        |                |    |

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|   |    |    | Fre | equer | ncie | s  |    | Inst | ructor    | Course | Dept | UMBC | Level | Sect    |
|---|----|----|-----|-------|------|----|----|------|-----------|--------|------|------|-------|---------|
| Questions   | NR | NA | 1   | 2     | 3    | 4  | 5  | Mean | Rank      | Mean   | Mean | Mean | Mean  | Mean    |
| General   |    |    |     |       |      |    |    |      |           |        |      |      |       |         |
| 1. Did you gain new insights,skills from this course      | 1  | 0  | 1   | 0     | 4    | 5  | 17 | 4.37 | 818/1576  | 4.33   | 4.49 | 4.30 | 4.35  | 4.37    |
| 2. Did the instructor make clear the expected goals       | 0  | 0  | 0   | 0     | 3    | 7  | 18 | 4.54 | 568/1576  | 4.55   | 4.35 | 4.27 | 4.32  | 4.54    |
| 3. Did the exam questions reflect the expected goals      | 0  | 14 | 0   | 0     | 0    | 3  | 11 | 4.79 | 263/1342  | 4.70   | 4.43 | 4.32 | 4.41  | 4.79    |
| 4. Did other evaluations reflect the expected goals       | 0  | 0  | 0   | 0     | 2    | 7  | 19 | 4.61 | 395/1520  | 4.66   | 4.45 | 4.25 | 4.26  | 4.61    |
| 5. Did assigned readings contribute to what you learned   | 0  | 0  | 1   | 1     | 0    | 7  | 19 | 4.50 | 366/1465  | 4.65   | 4.45 | 4.12 | 4.09  | 4.50    |
| 6. Did written assignments contribute to what you learned | 0  | 0  | 0   | 0     | 3    | 11 | 14 | 4.39 | 534/1434  | 4.58   | 4.54 | 4.14 | 4.06  | 4.39    |
| 7. Was the grading system clearly explained               | 1  | 0  | 0   | 0     | 5    | 4  | 18 | 4.48 | 559/1547  | 4.46   | 4.24 | 4.19 | 4.22  | 4.48    |
| 8. How many times was class cancelled                     | 1  | 1  | 0   | 0     | 0    | 21 | 5  | 4.19 | 1367/1574 | 4.25   | 4.48 | 4.64 | 4.62  | 4.19    |
| 9. How would you grade the overall teaching effectiveness | 0  | 0  | 0   | 0     | 2    | 14 | 12 | 4.36 | 597/1554  | 4.24   | 4.28 | 4.10 | 4.05  | 4.36    |
| Lecture   |    |    |     |       |      |    |    |      |           |        |      |      |       |         |
| 1. Were the instructor's lectures well prepared           | 1  | 0  | 0   | 0     | 0    | 7  | 20 | 4.74 | 526/1488  | 4.67   | 4.55 | 4.47 | 4.44  | 4.74    |
| 2. Did the instructor seem interested in the subject      | 1  | 0  | 0   | 0     | 0    | 0  | 27 | 5.00 | 1/1493    | 4.95   | 4.90 | 4.73 | 4.75  | 5.00    |
| 3. Was lecture material presented and explained clearly   | 1  | 0  | 0   | 0     | 4    | 7  | 16 | 4.44 | 763/1486  | 4.54   | 4.48 | 4.32 | 4.29  | 4.44    |
| 4. Did the lectures contribute to what you learned        | 1  | 0  | 0   | 1     | 4    | 4  | 18 | 4.44 | 766/1489  | 4.54   | 4.55 | 4.32 | 4.31  | 4.44    |
| 5. Did audiovisual techniques enhance your understanding  | 2  | 21 | 1   | 1     | 1    | 0  | 2  | 3.20 | ****/1277 | 4.49   | 4.36 | 4.03 | 4.01  | * * * * |
| Discussion  |    |    |     |       |      |    |    |      |           |        |      |      |       |         |
| 1. Did class discussions contribute to what you learned   | 11 | 0  | 0   | 0     | 2    | 6  | 9  | 4.41 | 543/1279  | 4.47   | 4.37 | 4.17 | 4.14  | 4.41    |
| 2. Were all students actively encouraged to participate   | 11 | 0  | 0   | 0     | 0    | 1  | 16 | 4.94 | 156/1270  | 4.67   | 4.50 | 4.35 | 4.30  | 4.94    |
| 3. Did the instructor encourage fair and open discussion  | 11 | 0  | 0   | 0     | 0    | 1  | 16 | 4.94 | 167/1269  | 4.80   | 4.68 | 4.35 | 4.29  | 4.94    |
| 4. Were special techniques successful                     | 11 | 14 | 0   | 0     | 0    | 0  | 3  |      | ****/ 878 |        | 3.81 | 4.05 | 3.92  | ****    |

| Credits Ea | arned | Cum. GPA  |   | Expecte | d Grades | Reasons             |    | Туре         |        | Majors         |    |
|------------|-------|-----------|---|---------|----------|---------------------|----|--------------|--------|----------------|----|
| 00-27      | 1     | 0.00-0.99 | 0 | A       | 21       | Required for Majors | 15 | Graduate     | 0      | Major          | 2  |
| 28-55      | 3     | 1.00-1.99 | 1 | В       | 4        |                     |    |              |        |                |    |
| 56-83      | 5     | 2.00-2.99 | 0 | С       | 0        | General             | 3  | Under-grad   | 28     | Non-major      | 26 |
| 84-150     | 6     | 3.00-3.49 | 6 | D       | 0        |                     |    |              |        |                |    |
| Grad.      | 0     | 3.50-4.00 | 7 | F       | 0        | Electives           | 0  | #### - Means | there  | are not enough | ı  |
|            |       |           |   | P       | 0        |                     |    | responses to | be sig | qnificant      |    |
|            |       |           |   | I       | 0        | Other               | 8  | -            |        |                |    |
|            |       |           |   | ?       | 0        |                     |    |              |        |                |    |

# Student Course Evaluation Questionnaire

| Ouestions   | NR | NΔ | Fre<br>1 | equer<br>2 | ncie:<br>3 | 5 4 | 5  | Inst<br>Mean | ructor<br>Rank | Course  | Dept<br>Mean | UMBC<br>Mean | Level<br>Mean | Sect<br>Mean |
|---|----|----|----------|------------|------------|-----|----|--------------|----------------|---------|--------------|--------------|---------------|--------------|
|   |    |    |          |            |            |     |    |              |                |         |              |              |               |              |
| General   |    |    |          |            |            |     |    |              |                |         |              |              |               |              |
| 1. Did you gain new insights,skills from this course      | 0  | 0  | 1        | 0          | 3          | б   | 13 | 4.30         | 893/1576       | 4.33    | 4.49         | 4.30         | 4.35          | 4.30         |
| 2. Did the instructor make clear the expected goals       | 0  | 0  | 0        | 2          | 0          | 6   | 15 | 4.48         | 653/1576       | 4.55    | 4.35         | 4.27         | 4.32          | 4.48         |
| 3. Did the exam questions reflect the expected goals      | 0  | 1  | 0        | 0          | 0          | 5   | 17 | 4.77         | 275/1342       | 4.70    | 4.43         | 4.32         | 4.41          | 4.77         |
| 4. Did other evaluations reflect the expected goals       | 1  | 0  | 0        | 1          | 0          | 4   | 17 | 4.68         | 320/1520       | 4.66    | 4.45         | 4.25         | 4.26          | 4.68         |
| 5. Did assigned readings contribute to what you learned   | 1  | 0  | 0        | 0          | 1          | 3   | 18 | 4.77         | 193/1465       | 4.65    | 4.45         | 4.12         | 4.09          | 4.77         |
| 6. Did written assignments contribute to what you learned | 1  | 0  | 0        | 0          | 2          | 5   | 15 | 4.59         | 330/1434       | 4.58    | 4.54         | 4.14         | 4.06          | 4.59         |
| 7. Was the grading system clearly explained               | 1  | 0  | 0        | 0          | 4          | 8   | 10 | 4.27         | 816/1547       | 4.46    | 4.24         | 4.19         | 4.22          | 4.27         |
| 8. How many times was class cancelled                     | 2  | 0  | 0        | 0          | 1          | 17  | 3  |              | 1427/1574      | 4.25    | 4.48         | 4.64         | 4.62          | 4.10         |
| 9. How would you grade the overall teaching effectiveness | 5  | 0  | 0        | 0          | 4          | 7   | 7  | 4.17         | 805/1554       | 4.24    | 4.28         | 4.10         | 4.05          | 4.17         |
| Lecture   |    |    |          |            |            |     |    |              |                |         |              |              |               |              |
| 1. Were the instructor's lectures well prepared           | 3  | 0  | 0        | 0          | 0          | 5   | 15 | 4.75         | 505/1488       | 4.67    | 4.55         | 4.47         | 4.44          | 4.75         |
| 2. Did the instructor seem interested in the subject      | 3  | 0  | 0        | 0          | 0          | 2   | 18 | 4.90         | 557/1493       | 4.95    | 4.90         | 4.73         | 4.75          | 4.90         |
| 3. Was lecture material presented and explained clearly   | 3  | 0  | 0        | 0          | 2          | 5   | 13 | 4.55         | 619/1486       | 4.54    | 4.48         | 4.32         | 4.29          | 4.55         |
| 4. Did the lectures contribute to what you learned        | 3  | 0  | 0        | 2          | 0          | 4   | 14 | 4.50         | 696/1489       | 4.54    | 4.55         | 4.32         | 4.31          | 4.50         |
| 5. Did audiovisual techniques enhance your understanding  | 4  | 1  | 0        | 0          | 1          | 2   | 15 | 4.78         | 148/1277       | 4.49    | 4.36         | 4.03         | 4.01          | 4.78         |
| Discussion  |    |    |          |            |            |     |    |              |                |         |              |              |               |              |
| 1. Did class discussions contribute to what you learned   | 10 | 0  | 0        | 1          | 0          | 4   | 8  | 4.46         | 488/1279       | 4.47    | 4.37         | 4.17         | 4.14          | 4.46         |
| 2. Were all students actively encouraged to participate   | 10 | 0  | 0        | 0          | 1          | 4   | 8  | 4.54         | 612/1270       | 4.67    | 4.50         | 4.35         | 4.30          | 4.54         |
| 3. Did the instructor encourage fair and open discussion  | 10 | 0  | 0        | 0          | 0          | 2   | 11 | 4.85         | 342/1269       | 4.80    | 4.68         | 4.35         | 4.29          | 4.85         |
| 4. Were special techniques successful                     | 10 | 5  | 1        | 2          | 3          | 1   | 1  | 2.88         | 829/ 878       | 3.49    | 3.81         | 4.05         | 3.92          | 2.88         |
| Laboratory  |    |    |          |            |            |     |    |              |                |         |              |              |               |              |
| 2. Were you provided with adequate background information | 22 | 0  | 1        | 0          | 0          | 0   | 0  | 1.00         | ****/ 240      | * * * * | ****         | 4.35         | 4.47          | * * * *      |
| Seminar   |    |    |          |            |            |     |    |              |                |         |              |              |               |              |
| 2. Was the instructor available for individual attention  | 22 | 0  | 0        | 0          | 0          | 0   | 1  | 5.00         | ****/ 79       | * * * * | * * * *      | 4.69         | 4.72          | * * * *      |
| 3. Did research projects contribute to what you learned   | 22 | 0  | 0        | 0          | 0          | 0   | 1  | 5.00         | ****/ 72       | * * * * | * * * *      | 4.64         | 4.83          | * * * *      |
| 4. Did presentations contribute to what you learned       | 22 | 0  | 0        | 0          | 0          | 0   | 1  | 5.00         | ****/ 80       | * * * * | * * * *      | 4.61         | 4.80          | * * * *      |
| 5. Were criteria for grading made clear                   | 22 | 0  | 0        | 0          | 0          | 0   | 1  | 5.00         | ****/ 375      | * * * * | * * * *      | 4.01         | 4.21          | * * * *      |
| Field Work  |    |    |          |            |            |     |    |              |                |         |              |              |               |              |
| 1. Did field experience contribute to what you learned    | 22 | 0  | 0        | 1          | 0          | 0   | 0  | 2.00         | ****/ 52       | * * * * | 4.86         | 4.48         | 4.74          | * * * *      |
| 2. Did you clearly understand your evaluation criteria    | 22 | 0  | 0        | 0          | 0          | 0   | 1  | 5.00         | ****/ 48       | * * * * | 3.71         | 4.40         | 4.71          | * * * *      |
| Self Paced  |    |    |          |            |            |     |    |              |                |         |              |              |               |              |
| 1. Did self-paced system contribute to what you learned   | 22 | 0  | 1        | 0          | 0          | 0   | 0  | 1.00         | ****/ 40       | * * * * | * * * *      | 4.60         | 5.00          | * * * *      |
| 2. Did study questions make clear the expected goal       | 22 | 0  | 0        | 0          | 0          | 0   | 1  | 5.00         | ****/ 24       | * * * * | ****         | 4.83         | 5.00          | * * * *      |

| Credits Ea | arned | Cum. GPA  |   | Expecte | d Grades | Reasons             |    | Туре         |        | Majors         |    |
|------------|-------|-----------|---|---------|----------|---------------------|----|--------------|--------|----------------|----|
| 00-27      | 4     | 0.00-0.99 | 1 | А       | 16       | Required for Majors | 12 | Graduate     | 0      | Major          | 2  |
| 28-55      | б     | 1.00-1.99 | 0 | В       | 4        |                     |    |              |        |                |    |
| 56-83      | 2     | 2.00-2.99 | 3 | С       | 1        | General             | 5  | Under-grad   | 23     | Non-major      | 21 |
| 84-150     | 4     | 3.00-3.49 | 8 | D       | 0        |                     |    |              |        |                |    |
| Grad.      | 0     | 3.50-4.00 | 5 | F       | 0        | Electives           | 2  | #### - Means | there  | are not enough | n  |
|            |       |           |   | P       | 0        |                     |    | responses to | be sig | gnificant      |    |
|            |       |           |   | I       | 0        | Other               | 4  | -            | -      | -              |    |
|            |       |           |   | ?       | 1        |                     |    |              |        |                |    |

# Student Course Evaluation Questionnaire

|   |    |    | Fre | equer | ncie | s  |    | Inst | ructor    | Course  | Dept    | UMBC | Level | Sect    |
|---|----|----|-----|-------|------|----|----|------|-----------|---------|---------|------|-------|---------|
| Questions   | NR | NA | 1   | 2     | 3    | 4  | 5  | Mean | Rank      | Mean    | Mean    | Mean | Mean  | Mean    |
| General   |    |    |     |       |      |    |    |      |           |         |         |      |       |         |
| 1. Did you gain new insights, skills from this course   | 0  | 0  | 0   | 0     | 7    | 9  | 8  | 4.04 | 1124/1576 | 4.04    | 4.49    | 4.30 | 4.30  | 4.04    |
| 2. Did the instructor make clear the expected goals   | 0  | 0  | 1   | 2     | 6    | 9  | 6  |      | 1330/1576 | 3.71    | 4.35    | 4.27 | 4.28  | 3.71    |
| 3. Did the exam questions reflect the expected goals  | 0  | 0  | 1   | 0     | 6    | 8  | 9  | 4.00 | 972/1342  | 4.00    | 4.43    | 4.32 | 4.30  | 4.00    |
| 4. Did other evaluations reflect the expected goals   | 0  | 0  | 0   | 3     | 4    | 7  | 10 | 4.00 | 1041/1520 | 4.00    | 4.45    | 4.25 | 4.25  | 4.00    |
| 5. Did assigned readings contribute to what you learned   | 1  | 0  | 1   | 2     | 8    | 8  | 4  | 3.52 | 1235/1465 | 3.52    | 4.45    | 4.12 | 4.09  | 3.52    |
| 6. Did written assignments contribute to what you learned   | 0  | 0  | 0   | 2     | 5    | б  | 11 | 4.08 | 844/1434  | 4.08    | 4.54    | 4.14 | 4.15  | 4.08    |
| 7. Was the grading system clearly explained   | 0  | 0  | 1   | 3     | 5    | 7  | 8  |      | 1239/1547 | 3.75    | 4.24    | 4.19 | 4.21  | 3.75    |
| 8. How many times was class cancelled   | 0  | 0  | 0   | 0     | 0    | 19 | 5  |      | 1361/1574 | 4.21    | 4.48    | 4.64 | 4.61  | 4.21    |
| 9. How would you grade the overall teaching effectiveness   | 2  | 1  | 0   | 1     | 7    | 13 | 0  | 3.57 | 1277/1554 | 3.57    | 4.28    | 4.10 | 4.09  | 3.57    |
| Lecture   |    |    |     |       |      |    |    |      |           |         |         |      |       |         |
| 1. Were the instructor's lectures well prepared   | 0  | 0  | 0   | 1     | 6    | 8  | 9  | 4.04 | 1221/1488 | 4.04    | 4.55    | 4.47 | 4.47  | 4.04    |
| 2. Did the instructor seem interested in the subject  | 0  | 0  | 0   | 0     | 1    | 4  | 19 | 4.75 | 908/1493  | 4.75    | 4.90    | 4.73 | 4.70  | 4.75    |
| 3. Was lecture material presented and explained clearly   | 0  | 0  | 0   | 2     | 5    | 6  | 11 | 4.08 | 1075/1486 | 4.08    | 4.48    | 4.32 | 4.32  | 4.08    |
| 4. Did the lectures contribute to what you learned  | 0  | 0  | 1   | 3     | 2    | 9  | 9  | 3.92 | 1184/1489 | 3.92    | 4.55    | 4.32 | 4.34  | 3.92    |
| 5. Did audiovisual techniques enhance your understanding  | 1  | 1  | 0   | 1     | 4    | 7  | 10 | 4.18 | 593/1277  | 4.18    | 4.36    | 4.03 | 4.11  | 4.18    |
| Discussion  |    |    |     |       |      |    |    |      |           |         |         |      |       |         |
| 1. Did class discussions contribute to what you learned   | 10 | 0  | 0   | 2     | 4    | 2  | 5  | 3.79 | 947/1279  | 3.79    | 4.37    | 4.17 | 4.20  | 3.79    |
| 2. Were all students actively encouraged to participate   | 10 | 0  | 1   | 1     | 2    | 4  | 6  | 3.93 | 990/1270  | 3.93    | 4.50    | 4.35 | 4.42  | 3.93    |
| 3. Did the instructor encourage fair and open discussion  | 10 | 0  | 0   | 2     | 1    | 2  | 9  | 4.29 | 803/1269  | 4.29    | 4.68    | 4.35 | 4.41  | 4.29    |
| 4. Were special techniques successful   | 10 | 9  | 0   | 1     | 1    | 1  | 2  |      | ****/ 878 | ****    | 3.81    |      | 4.09  | ****    |
| The second se |    |    |     |       |      |    |    |      |           |         |         |      |       |         |
| Field Work  |    |    |     |       |      |    |    |      |           |         |         |      |       |         |
| 1. Did field experience contribute to what you learned  | 17 | 0  | 0   | 0     | 0    | 1  | 6  | 4.86 | 32/ 52    | 4.86    | 4.86    | 4.48 | 4.37  | 4.86    |
| 2. Did you clearly understand your evaluation criteria  | 17 | 0  | 1   | 0     | 2    | 1  | 3  | 3.71 | 39/ 48    | 3.71    | 3.71    | 4.40 | 3.92  | 3.71    |
| 3. Was the instructor available for consultation  | 17 | 4  | 1   | 0     | 0    | 0  | 2  |      | ****/ 44  | * * * * | * * * * | 4.73 | 4.63  | * * * * |
| 4. To what degree could you discuss your evaluations  | 17 | 5  | 0   | 0     | 0    | 0  | 2  | 5.00 | ****/ 45  | * * * * | * * * * | 4.57 | 4.50  | * * * * |
| 5. Did conferences help you carry out field activities  | 17 | 4  | 0   | 0     | 0    | 1  | 2  | 4.67 | ****/ 326 | * * * * | * * * * | 4.03 | 4.23  | * * * * |
| Self Paced  |    |    |     |       |      |    |    |      |           |         |         |      |       |         |
| 1. Did self-paced system contribute to what you learned   | 23 | 0  | 0   | 0     | 0    | 0  | 1  | 5.00 | ****/ 40  | * * * * | * * * * | 4.60 | 4.83  | * * * * |
| 2. Did study questions make clear the expected goal   | 23 | 0  | 0   | 0     | 0    | 0  | 1  | 5.00 | ****/ 24  | * * * * | * * * * | 4.83 | 4.89  | * * * * |
| 3. Were your contacts with the instructor helpful   | 23 | 0  | 0   | 0     | 0    | 0  | 1  | 5.00 | ****/ 35  | * * * * | * * * * | 4.67 | 5.00  | * * * * |
| 4. Was the feedback/tutoring by proctors helpful  | 23 | 0  | 0   | 0     | 0    | 0  | 1  |      | ****/ 28  | * * * * | * * * * | 4.78 | 5.00  | * * * * |
| 5. Were there enough proctors for all the students  | 23 | 0  | 0   | 0     | 0    | 0  | 1  | 5.00 | ****/ 382 | * * * * | * * * * | 4.08 | 4.24  | * * * * |

| Credits Ea | arned | Cum. GPA  | Α  | Expecte | ed Grades | Reasons             |    | Туре         |        | Majors        |    |
|------------|-------|-----------|----|---------|-----------|---------------------|----|--------------|--------|---------------|----|
| 00-27      | 0     | 0.00-0.99 | 0  | А<br>А  | 12        | Required for Majors | 0  | Graduate     | 0      | Major         | 14 |
| 28-55      | 1     | 1.00-1.99 | 0  | В       | 5         |                     |    |              |        |               |    |
| 56-83      | 8     | 2.00-2.99 | 0  | С       | 4         | General             | 1  | Under-grad   | 24     | Non-major     | 10 |
| 84-150     | б     | 3.00-3.49 | б  | D       | 0         |                     |    |              |        |               |    |
| Grad.      | 0     | 3.50-4.00 | 13 | F       | 0         | Electives           | 0  | #### - Means | there  | are not enoug | h  |
|            |       |           |    | P       | 0         |                     |    | responses to | be sig | gnificant     |    |
|            |       |           |    | I       | 0         | Other               | 23 | _            |        |               |    |
|            |       |           |    | ?       | 2         |                     |    |              |        |               |    |

# Student Course Evaluation Questionnaire

|   |    |    | Fre | equer | ncie | s  |    | Inst | ructor    | Course  | Dept | UMBC | Level | Sect    |
|---|----|----|-----|-------|------|----|----|------|-----------|---------|------|------|-------|---------|
| Questions   | NR | NA | 1   | 2     | 3    | 4  | 5  | Mean | Rank      | Mean    | Mean | Mean | Mean  | Mean    |
| General   |    |    |     |       |      |    |    |      |           |         |      |      |       |         |
| 1. Did you gain new insights, skills from this course     | 0  | 0  | 0   | 1     | 2    | 8  | 14 | 4.40 | 787/1576  | 4.40    | 4.49 | 4.30 | 4.30  | 4.40    |
| 2. Did the instructor make clear the expected goals       | 0  | 0  | 0   | 1     | 5    | 4  | 15 | 4.32 | 864/1576  | 4.32    | 4.35 | 4.27 | 4.28  | 4.32    |
| 3. Did the exam questions reflect the expected goals      | 1  | 21 | 0   | 0     | 1    | 1  | 1  | 4.00 | ****/1342 | * * * * | 4.43 | 4.32 | 4.30  | * * * * |
| 4. Did other evaluations reflect the expected goals       | 0  | 0  | 0   | 0     | 2    | 10 | 13 | 4.44 | 614/1520  | 4.44    | 4.45 | 4.25 | 4.25  | 4.44    |
| 5. Did assigned readings contribute to what you learned   | 0  | 0  | 0   | 0     | 2    | 4  | 19 | 4.68 | 257/1465  | 4.68    | 4.45 | 4.12 | 4.09  | 4.68    |
| 6. Did written assignments contribute to what you learned | 0  | 0  | 0   | 0     | 2    | 8  | 15 | 4.52 | 383/1434  | 4.52    | 4.54 | 4.14 | 4.15  | 4.52    |
| 7. Was the grading system clearly explained               | 0  | 0  | 0   | 1     | 1    | 7  | 16 | 4.52 | 503/1547  | 4.52    | 4.24 | 4.19 | 4.21  | 4.52    |
| 8. How many times was class cancelled                     | 0  | 0  | 0   | 0     | 0    | 3  | 22 | 4.88 | 508/1574  | 4.88    | 4.48 | 4.64 | 4.61  | 4.88    |
| 9. How would you grade the overall teaching effectiveness | 5  | 0  | 0   | 0     | 2    | 12 | 6  | 4.20 | 772/1554  | 4.20    | 4.28 | 4.10 | 4.09  | 4.20    |
| Lecture   |    |    |     |       |      |    |    |      |           |         |      |      |       |         |
| 1. Were the instructor's lectures well prepared           | 0  | 0  | 0   | 1     | 6    | 5  | 13 | 4 20 | 1155/1488 | 4.20    | 4.55 | 4.47 | 4.47  | 4.20    |
| 2. Did the instructor seem interested in the subject      | 0  | 0  | 0   | 0     | 1    | 3  | 21 | 4.80 | 810/1493  | 4.80    | 4.90 | 4.73 | 4.70  | 4.80    |
| 3. Was lecture material presented and explained clearly   | 0  | 0  | 0   | 0     | 7    | 4  | 14 | 4.28 | 936/1486  | 4.28    | 4.48 | 4.32 | 4.32  | 4.28    |
| 4. Did the lectures contribute to what you learned        | 0  | 0  | 0   | 0     | 3    | 3  | 19 | 4.64 | 526/1489  | 4.64    | 4.55 | 4.32 | 4.34  | 4.64    |
| 5. Did audiovisual techniques enhance your understanding  | 0  | 11 | 1   | 0     | 6    | 2  | 5  | 3.71 | 916/1277  |         | 4.36 | 4.03 |       | 3.71    |
|   |    |    |     |       |      |    |    |      |           |         |      |      |       |         |
| Discussion  |    |    |     |       |      |    |    |      |           |         |      |      |       |         |
| 1. Did class discussions contribute to what you learned   | 5  | 0  | 0   | 0     | 4    | 9  | 7  | 4.15 | 738/1279  | 4.15    | 4.37 | 4.17 | 4.20  | 4.15    |
| 2. Were all students actively encouraged to participate   | 5  | 0  | 1   | 2     | 2    | 6  | 9  | 4.00 | 928/1270  | 4.00    | 4.50 | 4.35 | 4.42  | 4.00    |
| 3. Did the instructor encourage fair and open discussion  | 5  | 0  | 0   | 0     | 2    | 2  | 16 | 4.70 | 511/1269  | 4.70    | 4.68 | 4.35 | 4.41  | 4.70    |
| 4. Were special techniques successful                     | 5  | 5  | 0   | 0     | б    | 5  | 4  | 3.87 | 575/ 878  | 3.87    | 3.81 | 4.05 | 4.09  | 3.87    |

| Credits Ea | arned | Cum. GPA  |   | Expecte | d Grades | Reasons             |    | Туре         |        | Majors         |    |
|------------|-------|-----------|---|---------|----------|---------------------|----|--------------|--------|----------------|----|
| 00-27      | 2     | 0.00-0.99 | 0 | A       | 16       | Required for Majors | 3  | Graduate     | 0      | Major          | 10 |
| 28-55      | 3     | 1.00-1.99 | 0 | В       | 7        |                     |    |              |        |                |    |
| 56-83      | 2     | 2.00-2.99 | 2 | С       | 0        | General             | 6  | Under-grad   | 25     | Non-major      | 15 |
| 84-150     | 9     | 3.00-3.49 | 4 | D       | 0        |                     |    |              |        |                |    |
| Grad.      | 0     | 3.50-4.00 | 7 | F       | 0        | Electives           | 0  | #### - Means | there  | are not enough | n  |
|            |       |           |   | P       | 0        |                     |    | responses to | be sig | qnificant      |    |
|            |       |           |   | I       | 0        | Other               | 16 | -            | -      | -              |    |
|            |       |           |   | ?       | 0        |                     |    |              |        |                |    |

# Student Course Evaluation Questionnaire

| Questions   | NR | NA | Fre<br>1 | equer<br>2 | ncie:<br>3 | 5<br>4 | 5  | Ins†<br>Mean | tructor<br>Rank | Course<br>Mean | -       |      | Level<br>Mean | Sect<br>Mean |
|---|----|----|----------|------------|------------|--------|----|--------------|-----------------|----------------|---------|------|---------------|--------------|
| General   |    |    |          |            |            |        |    |              |                 |                |         |      |               |              |
| 1. Did you gain new insights, skills from this course     | 1  | 0  | 0        | 1          | З          | 8      | 19 | 4.45         | 712/1576        | 4.45           | 4.49    | 4.30 | 4.30          | 4.45         |
| 2. Did the instructor make clear the expected goals       | 1  | 0  | 2        | 2          | 4          | 11     | 12 |              | 1207/1576       | 3.94           | 4.35    | 4.27 | 4.28          | 3.94         |
| 3. Did the exam questions reflect the expected goals      | 1  | Ő  | 2        | 3          | 6          |        | 17 |              | 1010/1342       | 3.97           | 4.43    | 4.32 | 4.30          | 3.97         |
| 4. Did other evaluations reflect the expected goals       | 3  | 20 | 1        | 1          | 2          | 2      | 3  |              | 1346/1520       | 3.56           | 4.45    | 4.25 | 4.25          | 3.56         |
| 5. Did assigned readings contribute to what you learned   | 2  | 1  | 2        | 3          | 7          | 5      | 12 | 3.76         | 1102/1465       | 3.76           | 4.45    | 4.12 | 4.09          | 3.76         |
| 6. Did written assignments contribute to what you learned | 3  | 25 | 2        | 0          | 0          | 2      | 0  | 2.50         | ****/1434       | * * * *        | 4.54    | 4.14 | 4.15          | * * * *      |
| 7. Was the grading system clearly explained               | 4  | 0  | 1        | 2          | 4          | 5      | 16 | 4.18         | 916/1547        | 4.18           | 4.24    | 4.19 | 4.21          | 4.18         |
| 8. How many times was class cancelled                     | 3  | 0  | 0        | 0          | 0          | 0      | 29 | 5.00         | 1/1574          | 5.00           | 4.48    | 4.64 | 4.61          | 5.00         |
| 9. How would you grade the overall teaching effectiveness | 7  | 1  | 0        | 0          | 5          | 7      | 12 | 4.29         | 672/1554        | 4.29           | 4.28    | 4.10 | 4.09          | 4.29         |
| Lecture   |    |    |          |            |            |        |    |              |                 |                |         |      |               |              |
| 1. Were the instructor's lectures well prepared           | 2  | 0  | 0        | 1          | 0          | 4      | 25 | 4.77         | 484/1488        | 4.77           | 4.55    | 4.47 | 4.47          | 4.77         |
| 2. Did the instructor seem interested in the subject      | 2  | 0  | 0        | 0          | 1          | 1      | 28 | 4.90         | 557/1493        | 4.90           | 4.90    | 4.73 | 4.70          | 4.90         |
| 3. Was lecture material presented and explained clearly   | 2  | 0  | 0        | 1          | 3          | 7      | 19 | 4.47         | 735/1486        | 4.47           | 4.48    | 4.32 | 4.32          | 4.47         |
| 4. Did the lectures contribute to what you learned        | 2  | 0  | 0        | 0          | 3          | 7      | 20 | 4.57         | 625/1489        | 4.57           | 4.55    | 4.32 | 4.34          | 4.57         |
| 5. Did audiovisual techniques enhance your understanding  | 2  | 0  | 0        | 0          | 0          | 5      | 25 | 4.83         | 123/1277        | 4.83           | 4.36    | 4.03 | 4.11          | 4.83         |
| Discussion  |    |    |          |            |            |        |    |              |                 |                |         |      |               |              |
| 1. Did class discussions contribute to what you learned   | 11 | 0  | 0        | 1          | 3          | б      | 11 | 4.29         | 641/1279        | 4.29           | 4.37    | 4.17 | 4.20          | 4.29         |
| 2. Were all students actively encouraged to participate   | 11 | 0  | 1        | 0          | 1          | 2      | 17 | 4.62         | 550/1270        | 4.62           | 4.50    | 4.35 | 4.42          | 4.62         |
| 3. Did the instructor encourage fair and open discussion  | 11 | 0  | 0        | 0          | 2          | 1      | 18 | 4.76         | 432/1269        | 4.76           | 4.68    | 4.35 | 4.41          | 4.76         |
| 4. Were special techniques successful                     | 11 | 20 | 0        | 0          | 0          | 0      | 1  | 5.00         | ****/ 878       | * * * *        | 3.81    | 4.05 | 4.09          | * * * *      |
| Laboratory  |    |    |          |            |            |        |    |              |                 |                |         |      |               |              |
| 5. Were requirements for lab reports clearly specified    | 29 | 0  | 0        | 0          | 0          | 2      | 1  | 4.33         | ****/ 379       | * * * *        | ****    | 4.20 | 4.17          | * * * *      |
| Seminar   |    |    |          |            |            |        |    |              |                 |                |         |      |               |              |
| 5. Were criteria for grading made clear                   | 29 | 1  | 0        | 0          | 0          | 1      | 1  | 4.50         | ****/ 375       | * * * *        | ****    | 4.01 | 4.12          | * * * *      |
| Field Work  |    |    |          |            |            |        |    |              |                 |                |         |      |               |              |
| 3. Was the instructor available for consultation          | 31 | 0  | 0        | 0          | 0          | 0      | 1  | 5.00         | ****/ 44        | * * * *        | * * * * | 4.73 | 4.63          | * * * *      |
| 4. To what degree could you discuss your evaluations      | 31 | 0  | 0        | 0          | 0          | 0      | 1  | 5.00         | ****/ 45        | * * * *        | ****    | 4.57 | 4.50          | * * * *      |
| Self Paced  |    |    |          |            |            |        |    |              |                 |                |         |      |               |              |
| 1. Did self-paced system contribute to what you learned   | 31 | 0  | 0        | 0          | 1          | 0      | 0  | 5.00         | ,               | * * * *        | * * * * | 4.60 | 4.83          | * * * *      |
| 3. Were your contacts with the instructor helpful         | 31 | 0  | 0        | 0          | 0          | 1      | 0  | 4.00         | ****/ 35        | * * * *        | ****    | 4.67 | 5.00          | * * * *      |

| Credits E | arned | Cum. GPA  | 7  | Expecte | d Grades | Reasons             |    | Туре         |        | Majors         |    |
|-----------|-------|-----------|----|---------|----------|---------------------|----|--------------|--------|----------------|----|
| 00-27     | 0     | 0.00-0.99 | 0  | A       | 9        | Required for Majors | 7  | Graduate     | 0      | Major          | 5  |
| 28-55     | 0     | 1.00-1.99 | 1  | В       | 11       |                     |    |              |        |                |    |
| 56-83     | 4     | 2.00-2.99 | 7  | С       | 8        | General             | 11 | Under-grad   | 32     | Non-major      | 27 |
| 84-150    | 15    | 3.00-3.49 | 10 | D       | 0        |                     |    |              |        |                |    |
| Grad.     | 0     | 3.50-4.00 | 8  | F       | 0        | Electives           | 0  | #### - Means | there  | are not enough | ı  |
|           |       |           |    | P       | 0        |                     |    | responses to | be sig | gnificant      |    |
|           |       |           |    | I       | 0        | Other               | 9  |              |        |                |    |
|           |       |           |    | ?       | 0        |                     |    |              |        |                |    |

# Student Course Evaluation Questionnaire

|   |    | Fr |   | Frequencies |   |   |    | Inst | ructor    | Course Dept |      | UMBC Level |      | Sect    |
|---|----|----|---|-------------|---|---|----|------|-----------|-------------|------|------------|------|---------|
| Questions   | NR | NA | 1 | 2           | 3 | 4 | 5  | Mean | Rank      | Mean        | Mean | Mean       | Mean | Mean    |
| General   |    |    |   |             |   |   |    |      |           |             |      |            |      |         |
| 1. Did you gain new insights,skills from this course      | 0  | 0  | 0 | 0           | 0 | 4 | 10 | 4.71 | 347/1576  | 4.71        | 4.49 | 4.30       | 4.30 | 4.71    |
| 2. Did the instructor make clear the expected goals       | 0  | 0  | 0 | 0           | 0 | 4 | 10 | 4.71 | 324/1576  | 4.71        | 4.35 | 4.27       | 4.28 | 4.71    |
| 3. Did the exam questions reflect the expected goals      | 1  | 3  | 0 | 0           | 1 | 3 | б  | 4.50 | 583/1342  | 4.50        | 4.43 | 4.32       | 4.30 | 4.50    |
| 4. Did other evaluations reflect the expected goals       | 0  | 0  | 0 | 0           | 0 | 4 | 10 | 4.71 | 291/1520  | 4.71        | 4.45 | 4.25       | 4.25 | 4.71    |
| 5. Did assigned readings contribute to what you learned   | 0  | 0  | 0 | 1           | 0 | 4 | 9  | 4.50 | 366/1465  | 4.50        | 4.45 | 4.12       | 4.09 | 4.50    |
| 6. Did written assignments contribute to what you learned | 0  | 0  | 0 | 0           | 1 | 2 | 11 | 4.71 | 226/1434  | 4.71        | 4.54 | 4.14       | 4.15 | 4.71    |
| 7. Was the grading system clearly explained               | 0  | 0  | 0 | 2           | 0 | 4 | 8  | 4.29 | 805/1547  | 4.29        | 4.24 | 4.19       | 4.21 | 4.29    |
| 8. How many times was class cancelled                     | 0  | 0  | 0 | 0           | 0 | 9 | 5  |      | 1245/1574 | 4.36        | 4.48 | 4.64       | 4.61 | 4.36    |
| 9. How would you grade the overall teaching effectiveness | 3  | 0  | 0 | 0           | 0 | 2 | 9  | 4.82 | 155/1554  | 4.82        | 4.28 | 4.10       | 4.09 | 4.82    |
| Lecture   |    |    |   |             |   |   |    |      |           |             |      |            |      |         |
| 1. Were the instructor's lectures well prepared           | 0  | 0  | 0 | 1           | 0 | 3 | 10 | 4.57 | 786/1488  | 4.57        | 4.55 | 4.47       | 4.47 | 4.57    |
| 2. Did the instructor seem interested in the subject      | 0  | 0  | 0 | 0           | 0 | 0 | 14 | 5.00 | 1/1493    | 5.00        | 4.90 | 4.73       | 4.70 | 5.00    |
| 3. Was lecture material presented and explained clearly   | 1  | 0  | 0 | 0           | 0 | 5 | 8  | 4.62 | 545/1486  | 4.62        | 4.48 | 4.32       | 4.32 | 4.62    |
| 4. Did the lectures contribute to what you learned        | 0  | 0  | 0 | 0           | 0 | 1 | 13 | 4.93 | 155/1489  | 4.93        | 4.55 | 4.32       | 4.34 | 4.93    |
| 5. Did audiovisual techniques enhance your understanding  | 5  | б  | 0 | 0           | 0 | 1 | 2  | 4.67 | ****/1277 | * * * *     | 4.36 | 4.03       | 4.11 | * * * * |
| Discussion  |    |    |   |             |   |   |    |      |           |             |      |            |      |         |
| 1. Did class discussions contribute to what you learned   | 4  | 0  | 0 | 0           | 0 | 1 | 9  | 4.90 | 169/1279  | 4.90        | 4.37 | 4.17       | 4.20 | 4.90    |
| 2. Were all students actively encouraged to participate   | 4  | 0  | 0 | 0           | 1 | 0 | 9  | 4.80 | 355/1270  | 4.80        | 4.50 | 4.35       | 4.42 | 4.80    |
| 3. Did the instructor encourage fair and open discussion  | 4  | 0  | 0 | 0           | 0 | 0 | 10 | 5.00 | 1/1269    | 5.00        | 4.68 | 4.35       | 4.41 | 5.00    |
| 4. Were special techniques successful                     | 5  | 4  | 0 | 0           | 0 | 1 | 4  | 4.80 | 129/ 878  | 4.80        | 3.81 | 4.05       | 4.09 | 4.80    |

| Credits Ea | redits Earned Cum. GPA Expected Grades Reasons |           |   |        |   | Туре                | Majors |              |        |                |    |
|------------|--|-----------|---|--------|---|---------------------|--------|--------------|--------|----------------|----|
| 00-27      | 0  | 0.00-0.99 | 0 | А<br>А | 8 | Required for Majors | 4      | Graduate     | 0      | Major          | 3  |
| 28-55      | 1  | 1.00-1.99 | 0 | В      | 3 |                     |        |              |        |                |    |
| 56-83      | 2  | 2.00-2.99 | 4 | С      | 0 | General             | 4      | Under-grad   | 14     | Non-major      | 11 |
| 84-150     | 3  | 3.00-3.49 | 1 | D      | 0 |                     |        |              |        |                |    |
| Grad.      | 0  | 3.50-4.00 | 1 | F      | 0 | Electives           | 1      | #### - Means | there  | are not enough | h  |
|            |  |           |   | P      | 0 |                     |        | responses to | be sig | gnificant      |    |
|            |  |           |   | I      | 0 | Other               | 3      | _            |        |                |    |
|            |  |           |   | ?      | 0 |                     |        |              |        |                |    |

# Student Course Evaluation Questionnaire

|   |    | Frequencies |        |   |   |   |    | Instructor   |           | Course Dept  |         | UMBC Level |      | Sect         |
|---|----|-------------|--------|---|---|---|----|--------------|-----------|--------------|---------|------------|------|--------------|
| Questions   | NR | NA          | 1      | 2 | 3 | 4 | 5  | Mean         | Rank      | Mean         | Mean    | Mean       | Mean | Mean         |
| General   |    |             |        |   |   |   |    |              |           |              |         |            |      |              |
| 1. Did you gain new insights,skills from this course      | 0  | 0           | 0      | 0 | 2 | 3 | 10 | 4.53         | 595/1576  | 4.53         | 4.49    | 4.30       | 4.30 | 4.53         |
| 2. Did the instructor make clear the expected goals       | 0  | 0           | 1      | 0 | 1 | 1 | 12 | 4.53         | 568/1576  | 4.53         | 4.35    | 4.27       | 4.28 | 4.53         |
| 3. Did the exam questions reflect the expected goals      | 0  | 0           | 1      | 0 | 2 | 3 | 9  | 4.27         | 827/1342  | 4.27         | 4.43    | 4.32       | 4.30 | 4.27         |
| 4. Did other evaluations reflect the expected goals       | 0  | 0           | 0      | 0 | 2 | 5 | 8  | 4.40         | 683/1520  | 4.40         | 4.45    | 4.25       | 4.25 | 4.40         |
| 5. Did assigned readings contribute to what you learned   | 1  | 0           | 0      | 0 | 3 | 4 | 7  | 4.29         | 616/1465  | 4.29         | 4.45    | 4.12       | 4.09 | 4.29         |
| 6. Did written assignments contribute to what you learned | 1  | 0           | 1      | 1 | 0 | 2 | 10 | 4.36         | 574/1434  | 4.36         | 4.54    | 4.14       | 4.15 | 4.36         |
| 7. Was the grading system clearly explained               | 1  | 0           | 1      | 1 | 0 | 4 | 8  | 4.21         | 882/1547  | 4.21         | 4.24    | 4.19       | 4.21 | 4.21         |
| 8. How many times was class cancelled                     | 1  | 0           | 0      | 0 | 0 | 2 | 12 | 4.86         | 567/1574  | 4.86         | 4.48    | 4.64       | 4.61 | 4.86         |
| 9. How would you grade the overall teaching effectiveness | 1  | 1           | 0      | 1 | 2 | 7 | 3  | 3.92         | 1032/1554 | 3.92         | 4.28    | 4.10       | 4.09 | 3.92         |
| Lecture   |    |             |        |   |   |   |    |              |           |              |         |            |      |              |
| 1. Were the instructor's lectures well prepared           | 1  | 0           | 0      | 0 | 2 | 3 | 9  | 4.50         | 870/1488  | 4.50         | 4.55    | 4.47       | 4.47 | 4.50         |
| 2. Did the instructor seem interested in the subject      | 0  | 0           | 0      | 0 | 0 | 1 | 14 | 4.93         | 390/1493  | 4.93         | 4.90    | 4.73       | 4.70 | 4.93         |
| 3. Was lecture material presented and explained clearly   | 1  | 0           | 0      | 2 | 1 | 2 | 9  | 4.29         | 936/1486  | 4.29         | 4.48    | 4.32       | 4.32 | 4.29         |
| 4. Did the lectures contribute to what you learned        | 0  | 0           | 1      | 0 | 2 | 3 | 9  | 4.27         | 948/1489  | 4.27         | 4.55    | 4.32       | 4.34 | 4.27         |
| 5. Did audiovisual techniques enhance your understanding  | 1  | 0           | 0      | 1 | 2 | 4 | 7  | 4.21         | 569/1277  | 4.21         | 4.36    | 4.03       | 4.11 | 4.21         |
| Discussion  |    |             |        |   |   |   |    |              |           |              |         |            |      |              |
| 1. Did class discussions contribute to what you learned   | 1  | 0           | 2      | 0 | 2 | 2 | 7  | 3.93         | 879/1279  | 3.93         | 4.37    | 4.17       | 4.20 | 3.93         |
| 2. Were all students actively encouraged to participate   | 1  | 0           | 2<br>0 | 1 | 4 | 2 | 7  | 3.93<br>4.07 | 910/1279  | 3.93<br>4.07 | 4.50    | 4.17       | 4.20 | 3.93<br>4.07 |
| 3. Did the instructor encourage fair and open discussion  | 1  | 0           | 0      | 2 | 4 | 2 | 7  | 4.07         | 928/1269  | 4.07         | 4.50    | 4.35       | 4.42 | 4.07         |
| 4. Were special techniques successful                     | 1  | 7           | 1      | 0 | 0 | 2 | 3  | 4.00         | 464/ 878  | 4.00         | 4.00    | 4.35       | 4.41 | 4.00         |
| 4. Were special techniques successiul                     | T  | /           | T      | 0 | 0 | 2 | 2  | 4.00         | 404/ 0/0  | 4.00         | 3.01    | 4.05       | 4.09 | 4.00         |
| Self Paced  |    |             |        |   |   |   |    |              |           |              |         |            |      |              |
| 1. Did self-paced system contribute to what you learned   | 14 | 0           | 0      | 0 | 0 | 1 | 0  | 4.00         | ****/ 40  | * * * *      | * * * * | 4.60       | 4.83 | * * * *      |
| 2. Did study questions make clear the expected goal       | 14 | 0           | 0      | 0 | 0 | 1 | 0  | 4.00         | ****/ 24  | * * * *      | * * * * | 4.83       | 4.89 | * * * *      |
|   |    |             |        |   |   |   |    |              |           |              |         |            |      |              |

| Credits Ea | Credits Earned Cum. GPA Expected Grades |           |   | Reasons |   | Туре                | Ma | Majors          |                |        |    |
|------------|---|-----------|---|---------|---|---------------------|----|-----------------|----------------|--------|----|
| 00-27      | 0                                       | 0.00-0.99 | 0 | A       | 6 | Required for Majors | 4  | Graduate (      | 0 Major        |        | 0  |
| 28-55      | 0                                       | 1.00-1.99 | 0 | В       | 4 |                     |    |                 |                |        |    |
| 56-83      | 0                                       | 2.00-2.99 | 1 | C       | 0 | General             | 5  | Under-grad 15   | 5 Non-ma       | ajor   | 15 |
| 84-150     | 4                                       | 3.00-3.49 | 1 | D       | 0 |                     |    |                 |                |        |    |
| Grad.      | 0                                       | 3.50-4.00 | 4 | F       | 0 | Electives           | 0  | #### - Means tł | here are not ( | enougł | ı  |
|            |   |           |   | P       | 0 |                     |    | responses to be | e significant  |        |    |
|            |   |           |   | I       | 0 | Other               | 3  | -               | -              |        |    |
|            |   |           |   | ?       | 1 |                     |    |                 |                |        |    |

# Student Course Evaluation Questionnaire

|  | Mean<br><br>4.81 |
|--|------------------|
|  | 4.81             |
| General  | 4.81             |
| 1. Did you gain new insights,skills from this course 0 0 0 0 1 2 18 4.81 243/1576 4.81 4.49 4.30 4.30 4      |                  |
| 2. Did the instructor make clear the expected goals 0 0 0 2 3 5 11 4.19 996/1576 4.19 4.35 4.27 4.28 4       | 4.19             |
| 3. Did the exam questions reflect the expected goals 0 0 1 0 2 4 14 4.43 683/1342 4.43 4.43 4.32 4.30 4      | 4.43             |
| 4. Did other evaluations reflect the expected goals 0 1 0 0 3 4 13 4.50 511/1520 4.50 4.45 4.25 4.25 4       | 4.50             |
| 5. Did assigned readings contribute to what you learned 1 0 0 1 0 0 19 4.85 148/1465 4.85 4.45 4.12 4.09 4   | 4.85             |
| 6. Did written assignments contribute to what you learned 0 0 0 1 0 4 16 4.67 270/1434 4.67 4.54 4.14 4.15 4 | 4.67             |
| 7. Was the grading system clearly explained 0 1 1 2 6 6 5 3.60 1303/1547 3.60 4.24 4.19 4.21 3               | 3.60             |
| 8. How many times was class cancelled 0 0 0 0 16 5 0 3.24 1564/1574 3.24 4.48 4.64 4.61 3                    | 3.24             |
| 9. How would you grade the overall teaching effectiveness 3 0 0 1 3 6 8 4.17 805/1554 4.17 4.28 4.10 4.09 4  | 4.17             |
| Lecture  |                  |
|  | 4.10             |
|  | 4.71             |
| -  | 4.57             |
|  | 4.67             |
| •  | ****             |
|  |                  |
| Discussion   |                  |
| 1. Did class discussions contribute to what you learned 3 0 0 0 1 4 13 4.67 335/1279 4.67 4.37 4.17 4.20 4   | 4.67             |
| 2. Were all students actively encouraged to participate 3 0 0 1 1 2 14 4.61 550/1270 4.61 4.50 4.35 4.42 4   | 4.61             |
| 3. Did the instructor encourage fair and open discussion 3 0 0 1 0 2 15 4.72 479/1269 4.72 4.68 4.35 4.41 4  | 4.72             |
| 4. Were special techniques successful 3 16 0 0 0 0 2 5.00 ****/ 878 **** 3.81 4.05 4.09 *                    | * * * *          |

| Credits Earned Cum. GPA |   |           | Expecte | d Grades | Reasons |                     | Туре | Majors       |        |                |    |
|-------------------------|---|-----------|---------|----------|---------|---------------------|------|--------------|--------|----------------|----|
| 00-27                   | 1 | 0.00-0.99 | 0       | А<br>А   | 11      | Required for Majors | 2    | Graduate     | 0      | Major          | 3  |
| 28-55                   | 5 | 1.00-1.99 | 0       | В        | 9       |                     |      |              |        |                |    |
| 56-83                   | 4 | 2.00-2.99 | 3       | С        | 0       | General             | 8    | Under-grad   | 21     | Non-major      | 18 |
| 84-150                  | 3 | 3.00-3.49 | 1       | D        | 0       |                     |      |              |        |                |    |
| Grad.                   | 0 | 3.50-4.00 | 9       | F        | 0       | Electives           | 0    | #### - Means | there  | are not enough | n  |
|                         |   |           |         | P        | 0       |                     |      | responses to | be sig | gnificant      |    |
|                         |   |           |         | I        | 0       | Other               | 12   | -            |        |                |    |
|                         |   |           |         | ?        | 0       |                     |      |              |        |                |    |

# Student Course Evaluation Questionnaire

|   |    |    | Fre | - | ncies | 3 | _  |      | ructor   | Course  | -       |      | Level |         |
|---|----|----|-----|---|-------|---|----|------|----------|---------|---------|------|-------|---------|
| Questions   | NR | NA | 1   | 2 | 3     | 4 | 5  | Mean | Rank     | Mean    | Mean    | Mean | Mean  | Mean    |
| General   |    |    |     |   |       |   |    |      |          |         |         |      |       |         |
| 1. Did you gain new insights,skills from this course      | 0  | 0  | 0   | 0 | 1     | 2 | 14 | 4.76 | 289/1576 | 4.76    | 4.49    | 4.30 | 4.30  | 4.76    |
| 2. Did the instructor make clear the expected goals       | 0  | 0  | 0   | 0 | 1     | 3 | 13 | 4.71 | 336/1576 | 4.71    | 4.35    | 4.27 | 4.28  | 4.71    |
| 3. Did the exam questions reflect the expected goals      | 0  | 0  | 0   | 0 | 0     | 3 | 14 | 4.82 | 227/1342 | 4.82    | 4.43    | 4.32 | 4.30  | 4.82    |
| 4. Did other evaluations reflect the expected goals       | 0  | 0  | 0   | 0 | 1     | 1 | 15 | 4.82 | 185/1520 | 4.82    | 4.45    | 4.25 | 4.25  | 4.82    |
| 5. Did assigned readings contribute to what you learned   | 0  | 0  | 0   | 0 | 1     | 2 | 14 | 4.76 | 200/1465 | 4.76    | 4.45    | 4.12 | 4.09  | 4.76    |
| 6. Did written assignments contribute to what you learned | 0  | 0  | 0   | 0 | 1     | 3 | 13 | 4.71 | 235/1434 | 4.71    | 4.54    | 4.14 | 4.15  | 4.71    |
| 7. Was the grading system clearly explained               | 0  | 0  | 0   | 0 | 2     | 4 | 11 | 4.53 | 503/1547 | 4.53    | 4.24    | 4.19 | 4.21  | 4.53    |
| 8. How many times was class cancelled                     | 0  | 0  | 0   | 0 | 0     | 0 | 17 | 5.00 | 1/1574   | 5.00    | 4.48    | 4.64 | 4.61  | 5.00    |
| 9. How would you grade the overall teaching effectiveness | 1  | 0  | 0   | 0 | 0     | б | 10 | 4.63 | 298/1554 | 4.63    | 4.28    | 4.10 | 4.09  | 4.63    |
|   |    |    |     |   |       |   |    |      |          |         |         |      |       |         |
| Lecture   |    |    |     |   |       | - |    |      |          |         |         |      |       |         |
| 1. Were the instructor's lectures well prepared           | 0  | 0  | 0   | 0 | 0     | 1 | 16 | 4.94 | 149/1488 | 4.94    | 4.55    | 4.47 | 4.47  | 4.94    |
| 2. Did the instructor seem interested in the subject      | 0  | 0  | 0   | 0 | 0     | 0 | 17 | 5.00 | 1/1493   | 5.00    | 4.90    | 4.73 | 4.70  | 5.00    |
| 3. Was lecture material presented and explained clearly   | 0  | 0  | 0   | 0 | 0     | 3 | 14 | 4.82 | 251/1486 | 4.82    | 4.48    | 4.32 | 4.32  | 4.82    |
| 4. Did the lectures contribute to what you learned        | 0  | 0  | 0   | 0 | 0     | 3 | 14 | 4.82 | 286/1489 | 4.82    | 4.55    | 4.32 | 4.34  | 4.82    |
| 5. Did audiovisual techniques enhance your understanding  | 0  | 2  | 0   | 0 | 1     | 4 | 10 | 4.60 | 258/1277 | 4.60    | 4.36    | 4.03 | 4.11  | 4.60    |
| Discussion  |    |    |     |   |       |   |    |      |          |         |         |      |       |         |
| 1. Did class discussions contribute to what you learned   | 4  | 0  | 0   | 0 | 0     | 3 | 10 | 4.77 | 253/1279 | 4.77    | 4.37    | 4.17 | 4.20  | 4.77    |
| 2. Were all students actively encouraged to participate   | 4  | 0  | 0   | 0 | 1     | 0 | 12 | 4.85 | 317/1270 | 4.85    | 4.50    | 4.35 | 4.42  | 4.85    |
| 3. Did the instructor encourage fair and open discussion  | 4  | 0  | 0   | 0 | 0     | 1 | 12 | 4.92 | 222/1269 | 4.92    | 4.68    | 4.35 | 4.41  | 4.92    |
| 4. Were special techniques successful                     | 4  | 8  | 1   | 1 | 0     | 2 | 1  | 3.20 | 780/ 878 | 3.20    | 3.81    | 4.05 | 4.09  | 3.20    |
|   |    |    |     |   |       |   |    |      |          |         |         |      |       |         |
| Field Work  |    |    |     |   |       |   |    |      |          |         |         |      |       |         |
| 1. Did field experience contribute to what you learned    | 16 | 0  | 0   | 0 | 0     | 0 | 1  | 5.00 | ****/ 52 | * * * * | 4.86    | 4.48 | 4.37  | * * * * |
| 2. Did you clearly understand your evaluation criteria    | 16 | 0  | 0   | 0 | 0     | 0 | 1  | 5.00 | ****/ 48 | * * * * | 3.71    | 4.40 | 3.92  | * * * * |
| 3. Was the instructor available for consultation          | 16 | 0  | 0   | 0 | 0     | 0 | 1  | 5.00 | ****/ 44 | * * * * | * * * * | 4.73 | 4.63  | * * * * |
| 4. To what degree could you discuss your evaluations      | 16 | 0  | 0   | 0 | 0     | 0 | 1  | 5.00 | ****/ 45 | * * * * | * * * * | 4.57 | 4.50  | * * * * |
|   |    |    |     |   |       |   |    |      |          |         |         |      |       |         |

| Credits Earned Cum. GPA |   |           | Expected | d Grades | Reasons |                     | Туре | Majors       |        |                |    |
|-------------------------|---|-----------|----------|----------|---------|---------------------|------|--------------|--------|----------------|----|
| 00-27                   | 1 | 0.00-0.99 | 0        | А        | 10      | Required for Majors | 0    | Graduate     | 0      | Major          | 15 |
| 28-55                   | 0 | 1.00-1.99 | 0        | В        | б       |                     |      |              |        |                |    |
| 56-83                   | 3 | 2.00-2.99 | 1        | C        | 0       | General             | 8    | Under-grad   | 17     | Non-major      | 2  |
| 84-150                  | 4 | 3.00-3.49 | 4        | D        | 0       |                     |      |              |        |                |    |
| Grad.                   | 0 | 3.50-4.00 | 6        | F        | 0       | Electives           | 0    | #### - Means | there  | are not enough | n  |
|                         |   |           |          | P        | 0       |                     |      | responses to | be sig | gnificant      |    |
|                         |   |           |          | I        | 0       | Other               | 8    | -            |        |                |    |
|                         |   |           |          | ?        | 1       |                     |      |              |        |                |    |

# Student Course Evaluation Questionnaire

|  | Frequencies |    |   |   | Instructor |   |   | Course Dept |           | : UMBC Level |      | Sect |      |         |
|--|-------------|----|---|---|------------|---|---|-------------|-----------|--------------|------|------|------|---------|
| Questions  | NR          | NA | 1 | 2 | 3          | 4 | 5 | Mean        | Rank      | Mean         | Mean | Mean | Mean | Mean    |
| General  |             |    |   |   |            |   |   |             |           |              |      |      |      |         |
| 1. Did you gain new insights, skills from this course                  | 2           | 0  | 0 | 0 | 0          | 2 | б | 4.75        | 301/1576  | 4.75         | 4.49 | 4.30 | 4.46 | 4.75    |
| 2. Did the instructor make clear the expected goals                    | 2           | 0  | 0 | 0 | 2          | 3 | 3 | 4.13        | 1058/1576 | 4.13         | 4.35 | 4.27 | 4.35 | 4.13    |
| 3. Did the exam questions reflect the expected goals                   | 2           | 0  | 0 | 1 | 0          | 3 | 4 | 4.25        | 835/1342  | 4.25         | 4.43 | 4.32 | 4.46 | 4.25    |
| 4. Did other evaluations reflect the expected goals                    | 2           | 0  | 0 | 0 | 0          | 4 | 4 | 4.50        | 511/1520  | 4.50         | 4.45 | 4.25 | 4.38 | 4.50    |
| 5. Did assigned readings contribute to what you learned                | 2           | 0  | 0 | 0 | 0          | 3 | 5 | 4.63        | 290/1465  | 4.63         | 4.45 | 4.12 | 4.22 | 4.63    |
| 6. Did written assignments contribute to what you learned              | 2           | 0  | 0 | 0 | 0          | 3 | 5 | 4.63        | 305/1434  | 4.63         | 4.54 | 4.14 | 4.30 | 4.63    |
| 7. Was the grading system clearly explained                            | 2           | 0  | 0 | 1 | 1          | 2 | 4 | 4.13        | 955/1547  | 4.13         | 4.24 | 4.19 | 4.24 | 4.13    |
| 8. How many times was class cancelled                                  | 3           | 0  | 0 | 0 | 0          | 0 | 7 | 5.00        | 1/1574    | 5.00         | 4.48 | 4.64 | 4.69 | 5.00    |
| 9. How would you grade the overall teaching effectiveness              | 5           | 0  | 0 | 0 | 0          | 1 | 4 | 4.80        | 160/1554  | 4.80         | 4.28 | 4.10 | 4.24 | 4.80    |
| Lecture  |             |    |   |   |            |   |   |             |           |              |      |      |      |         |
| 1. Were the instructor's lectures well prepared                        | 2           | 0  | 0 | 0 | 0          | 1 | 7 | 4.88        | 293/1488  | 4.88         | 4.55 | 4.47 | 4.55 | 4.88    |
| 2. Did the instructor seem interested in the subject                   | 2           | Ő  | 0 | 0 | 0          | 0 | 8 | 5.00        | 1/1493    | 5.00         | 4.90 | 4.73 | 4.80 | 5.00    |
| 3. Was lecture material presented and explained clearly                | 2           | Õ  | 0 | 0 | 1          | 2 | 5 | 4.50        | 678/1486  | 4.50         | 4.48 | 4.32 | 4.41 | 4.50    |
| 4. Did the lectures contribute to what you learned                     | 2           | 0  | 0 | 0 | 1          | 1 | 6 | 4.63        | 552/1489  | 4.63         | 4.55 | 4.32 | 4.38 | 4.63    |
| 5. Did audiovisual techniques enhance your understanding               | 2           | 7  | 0 | 0 | 0          | 0 | 1 |             | ****/1277 | ****         | 4.36 | 4.03 | 4.04 | * * * * |
|  |             |    |   |   |            |   |   |             |           |              |      |      |      |         |
| Discussion   |             |    |   |   |            |   |   |             |           |              |      |      |      |         |
| 1. Did class discussions contribute to what you learned                | 4           | 0  | 0 | 0 | 2          | 1 | 3 | 4.17        | 732/1279  | 4.17         | 4.37 | 4.17 | 4.31 | 4.17    |
| <ol><li>Were all students actively encouraged to participate</li></ol> | 4           | 0  | 0 | 0 | 0          | 2 | 4 | 4.67        | 505/1270  | 4.67         | 4.50 | 4.35 | 4.53 | 4.67    |
| 3. Did the instructor encourage fair and open discussion               | 4           | 0  | 0 | 0 | 0          | 2 | 4 | 4.67        | 535/1269  | 4.67         | 4.68 | 4.35 | 4.55 | 4.67    |
| 4. Were special techniques successful                                  | 4           | 5  | 0 | 0 | 0          | 0 | 1 | 5.00        | ****/ 878 | * * * *      | 3.81 | 4.05 | 4.33 | * * * * |

| Credits Earned Cum. GPA |   |           | Expected | d Grades | Reasons |                     | Туре | Majors       |        |                |   |
|-------------------------|---|-----------|----------|----------|---------|---------------------|------|--------------|--------|----------------|---|
| 00-27                   | 1 | 0.00-0.99 | 0        | A        | 3       | Required for Majors | 0    | Graduate     | 0      | Major          | 1 |
| 28-55                   | 0 | 1.00-1.99 | 0        | В        | 2       |                     |      |              |        |                |   |
| 56-83                   | 0 | 2.00-2.99 | 1        | С        | 2       | General             | 2    | Under-grad   | 10     | Non-major      | 9 |
| 84-150                  | 4 | 3.00-3.49 | 3        | D        | 0       |                     |      |              |        |                |   |
| Grad.                   | 0 | 3.50-4.00 | 2        | F        | 0       | Electives           | 0    | #### - Means | there  | are not enough |   |
|                         |   |           |          | P        | 0       |                     |      | responses to | be sig | nificant       |   |
|                         |   |           |          | I        | 0       | Other               | б    | -            |        |                |   |
|                         |   |           |          | ?        | 1       |                     |      |              |        |                |   |