# Student Course Evaluation Questionnaire

|   |    |    | Fre | equer | ncies | 5 |    | Inst | tructor   | 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     | 1     | 1 | 10 | 4.75 | 320/1522  | 4.75    | 4.05    | 4.30 | 4.14  | 4.75    |
| 2. Did the instructor make clear the expected goals       | 0  | 0  | 1   | 0     | 1     | 1 | 9  | 4.42 | 686/1522  | 4.42    | 3.98    | 4.26 | 4.18  | 4.42    |
| 3. Did the exam questions reflect the expected goals      | 0  | 10 | 0   | 0     | 0     | 0 | 2  | 5.00 | ****/1285 | * * * * | 3.65    | 4.30 | 4.22  | * * * * |
| 4. Did other evaluations reflect the expected goals       | 0  | 0  | 1   | 0     | 1     | 2 | 8  | 4.33 | 703/1476  | 4.33    | 4.22    | 4.22 | 4.09  | 4.33    |
| 5. Did assigned readings contribute to what you learned   | 0  | 0  | 0   | 0     | 0     | 4 | 8  | 4.67 | 231/1412  | 4.67    | 4.05    | 4.06 | 4.01  | 4.67    |
| 6. Did written assignments contribute to what you learned | 0  | 0  | 0   | 1     | 1     | 2 | 8  | 4.42 | 423/1381  | 4.42    | 4.11    | 4.08 | 3.93  | 4.42    |
| 7. Was the grading system clearly explained               | 0  | 0  | 1   | 0     | 4     | 3 | 4  | 3.75 | 1183/1500 | 3.75    | 3.75    | 4.18 | 4.16  | 3.75    |
| 8. How many times was class cancelled                     | 0  | 0  | 0   | 0     | 0     | 0 | 12 | 5.00 | 1/1517    | 5.00    | 4.93    | 4.65 | 4.62  | 5.00    |
| 9. How would you grade the overall teaching effectiveness | 2  | 0  | 0   | 0     | 0     | 2 | 8  | 4.80 | 147/1497  | 4.80    | 3.96    | 4.11 | 4.02  | 4.80    |
| Lecture   |    |    |     |       |       |   |    |      |           |         |         |      |       |         |
| 1. Were the instructor's lectures well prepared           | 0  | 0  | 0   | 0     | 0     | 2 | 10 | 4.83 | 304/1440  | 4.83    | 4.10    | 4.45 | 4.40  | 4.83    |
| 2. Did the instructor seem interested in the subject      | 0  | 0  | 0   | 0     | 0     | 0 | 12 | 5.00 | 1/1448    | 5.00    | 4.74    | 4.71 | 4.63  | 5.00    |
| 3. Was lecture material presented and explained clearly   | 0  | 0  | 0   | 0     | 0     | 0 | 12 | 5.00 | 1/1436    | 5.00    | 4.00    | 4.29 | 4.24  | 5.00    |
| 4. Did the lectures contribute to what you learned        | 0  | 0  | 0   | 0     | 0     | 0 | 12 | 5.00 | 1/1432    | 5.00    | 4.10    | 4.29 | 4.23  | 5.00    |
| 5. Did audiovisual techniques enhance your understanding  | 0  | 2  | 0   | 0     | 1     | 1 | 8  | 4.70 | 156/1221  | 4.70    | 4.31    | 3.93 | 3.86  | 4.70    |
| Discussion  |    |    |     |       |       |   |    |      |           |         |         |      |       |         |
| 1. Did class discussions contribute to what you learned   | 2  | 0  | 0   | 0     | 0     | 1 | 9  | 4.90 | 138/1280  | 4.90    | 4.27    | 4.10 | 3.92  | 4.90    |
| 2. Were all students actively encouraged to participate   | 2  | 0  | 0   | 0     | 0     | 0 | 10 | 5.00 | 1/1277    | 5.00    | 4.47    | 4.34 | 4.13  | 5.00    |
| 3. Did the instructor encourage fair and open discussion  | 2  | 0  | 0   | 0     | 0     | 0 | 10 | 5.00 | 1/1269    | 5.00    | 4.38    | 4.31 | 4.04  | 5.00    |
| 4. Were special techniques successful                     | 2  | 2  | 0   | 0     | 0     | 2 | б  | 4.75 | 106/ 854  | 4.75    | 4.21    | 4.02 | 3.87  | 4.75    |
| Seminar   |    |    |     |       |       |   |    |      |           |         |         |      |       |         |
| 1. Were assigned topics relevant to the announced theme   | 6  | 0  | 0   | 0     | 0     | 0 | 6  | 5.00 | 1/ 79     | 5.00    | 4.49    | 4.58 | 4.13  | 5.00    |
| 2. Was the instructor available for individual attention  | 6  | 3  | 0   | 0     | 0     | 0 | 3  | 5.00 | 1/ 77     | 5.00    | 4.58    | 4.52 | 4.03  | 5.00    |
| 3. Did research projects contribute to what you learned   | 6  | 5  | 0   | 0     | 0     | 0 | 1  | 5.00 | ****/ 65  | * * * * | 4.18    | 4.49 | 3.85  | * * * * |
| 4. Did presentations contribute to what you learned       | 6  | 1  | 0   | 0     | 0     | 0 | 5  | 5.00 | 1/ 78     | 5.00    | 4.18    | 4.45 | 3.88  | 5.00    |
| 5. Were criteria for grading made clear                   | 5  | 2  | 0   | 0     | 2     | 1 | 2  | 4.00 | 49/ 80    | 4.00    | 3.73    | 4.11 | 3.79  | 4.00    |
| Field Work  |    |    |     |       |       |   |    |      |           |         |         |      |       |         |
| 1. Did field experience contribute to what you learned    | 11 | 0  | 0   | 0     | 1     | 0 | 0  | 3.00 | ****/ 47  | * * * * | * * * * | 4.41 | 3.90  | * * * * |
| 2. Did you clearly understand your evaluation criteria    | 11 | 0  | 0   | 0     | 1     | 0 | 0  | 3.00 | ****/ 45  | * * * * | * * * * | 4.30 | 3.90  | * * * * |
| 3. Was the instructor available for consultation          | 11 | 0  | 0   | 0     | 0     | 0 | 1  | 5.00 | ****/ 39  | * * * * | * * * * | 4.40 | 3.99  | * * * * |
| 4. To what degree could you discuss your evaluations      | 11 | 0  | 0   | 0     | 0     | 0 | 1  | 5.00 | ****/ 35  | * * * * | * * * * | 4.31 | 4.00  | * * * * |
| 5. Did conferences help you carry out field activities    | 11 | 0  | 0   | 0     | 0     | 0 | 1  | 5.00 | ****/ 34  | * * * * | * * * * | 4.30 | 4.11  | * * * * |
| Self Paced  |    |    |     |       |       |   |    |      |           |         |         |      |       |         |
| 1. Did self-paced system contribute to what you learned   | 11 | 0  | 0   | 0     | 0     | 1 | 0  | 4.00 | ****/ 37  | * * * * | * * * * | 4.63 | 4.53  | * * * * |
| 2. Did study questions make clear the expected goal       | 11 | 0  | 0   | 0     | 0     | 0 | 1  | 5.00 | ****/ 23  | * * * * | * * * * | 4.41 | 4.19  | * * * * |
| 3. Were your contacts with the instructor helpful         | 11 | 0  | 0   | 0     | 0     | 0 | 1  | 5.00 | ****/ 33  | * * * * | * * * * | 4.69 | 4.57  | * * * * |
|   |    |    |     |       |       |   |    |      |           |         |         |      |       |         |

| Credits Ea | arned | Cum. GPA  |   | Expected | Grades | Reasons             |   | Туре         |        | Majors         |    |
|------------|-------|-----------|---|----------|--------|---------------------|---|--------------|--------|----------------|----|
| 00-27      | 3     | 0.00-0.99 | 0 | A        | 6      | Required for Majors | 0 | Graduate     | 0      | Major          | 0  |
| 28-55      | 2     | 1.00-1.99 | 0 | В        | 3      |                     |   |              |        |                |    |
| 56-83      | 1     | 2.00-2.99 | 1 | С        | 0      | General             | 7 | Under-grad   | 12     | Non-major      | 12 |
| 84-150     | 0     | 3.00-3.49 | 2 | D        | 0      |                     |   |              |        |                |    |
| Grad.      | 0     | 3.50-4.00 | б | F        | 0      | Electives           | 1 | #### - Means | there  | are not enough | n  |
|            |       |           |   | P        | 0      |                     |   | responses to | be sig | nificant       |    |
|            |       |           |   | I        | 0      | Other               | 2 | -            |        |                |    |

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# Student Course Evaluation Questionnaire

|   |    |    | 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           | 1 | 1 | 3 | 13 | 4.56 | 548/1522  | 4.56    | 4.05 | 4.30 | 4.14  | 4.56    |
| 2. Did the instructor make clear the expected goals       | 0  | 0  | 0           | 0 | 2 | 8 | 8  | 4.33 | 787/1522  | 4.33    | 3.98 | 4.26 | 4.18  | 4.33    |
| 3. Did the exam questions reflect the expected goals      | 0  | 0  | 0           | 0 | 3 | б | 9  | 4.33 | 706/1285  | 4.33    | 3.65 | 4.30 | 4.22  | 4.33    |
| 4. Did other evaluations reflect the expected goals       | 0  | 2  | 0           | 0 | 1 | 4 | 11 | 4.63 | 357/1476  | 4.63    | 4.22 | 4.22 | 4.09  | 4.63    |
| 5. Did assigned readings contribute to what you learned   | 0  | 0  | 0           | 1 | 1 | 4 | 12 | 4.50 | 339/1412  | 4.50    | 4.05 | 4.06 | 4.01  | 4.50    |
| 6. Did written assignments contribute to what you learned | 1  | 0  | 0           | 1 | 1 | 4 | 11 | 4.47 | 361/1381  | 4.47    | 4.11 | 4.08 | 3.93  | 4.47    |
| 7. Was the grading system clearly explained               | 1  | 0  | 0           | 1 | 3 | 4 | 9  | 4.24 | 799/1500  | 4.24    | 3.75 | 4.18 | 4.16  | 4.24    |
| 8. How many times was class cancelled                     | 1  | 0  | 0           | 0 | 0 | 1 | 16 | 4.94 | 292/1517  | 4.94    | 4.93 | 4.65 | 4.62  | 4.94    |
| 9. How would you grade the overall teaching effectiveness | 3  | 1  | 0           | 0 | 1 | 5 | 8  | 4.50 | 385/1497  | 4.50    | 3.96 | 4.11 | 4.02  | 4.50    |
| Lecture   |    |    |             |   |   |   |    |      |           |         |      |      |       |         |
| 1. Were the instructor's lectures well prepared           | 0  | 0  | 0           | 0 | 4 | б | 8  | 4.22 | 1071/1440 | 4.22    | 4.10 | 4.45 | 4.40  | 4.22    |
| 2. Did the instructor seem interested in the subject      | 0  | 0  | 0           | 0 | 0 | 0 | 18 | 5.00 | 1/1448    | 5.00    | 4.74 | 4.71 | 4.63  | 5.00    |
| 3. Was lecture material presented and explained clearly   | 0  | 0  | 0           | 0 | 2 | 4 | 12 | 4.56 | 539/1436  | 4.56    | 4.00 | 4.29 | 4.24  | 4.56    |
| 4. Did the lectures contribute to what you learned        | 0  | 0  | 0           | 0 | 1 | 3 | 14 | 4.72 | 383/1432  | 4.72    | 4.10 | 4.29 | 4.23  | 4.72    |
| 5. Did audiovisual techniques enhance your understanding  | 1  | 7  | 1           | 0 | 3 | 2 | 4  | 3.80 | 759/1221  | 3.80    | 4.31 | 3.93 | 3.86  | 3.80    |
| Discussion  |    |    |             |   |   |   |    |      |           |         |      |      |       |         |
| 1. Did class discussions contribute to what you learned   | 16 | 0  | 0           | 0 | 0 | 0 | 2  | 5.00 | ****/1280 | * * * * | 4.27 | 4.10 | 3.92  | * * * * |
| 2. Were all students actively encouraged to participate   | 16 | 0  | 0           | 0 | 0 | 0 | 2  |      | ****/1277 |         | 4.47 | 4.34 | 4.13  | * * * * |
| 3. Did the instructor encourage fair and open discussion  | 16 | 0  | 0           | 0 | 0 | 1 | 1  |      | ****/1269 |         | 4.38 | 4.31 | 4.04  | * * * * |
| 4. Were special techniques successful                     | 16 | 1  | 0           | 0 | 0 | 1 | 0  |      | ****/ 854 |         | 4.21 | 4.02 | 3.87  | * * * * |

| Credits Ea | arned | Cum. GPA  |   | Expected | l Grades | Reasons             |   | Туре         |        | Majors         |    |
|------------|-------|-----------|---|----------|----------|---------------------|---|--------------|--------|----------------|----|
| 00-27      | 8     | 0.00-0.99 | 0 | A        | 8        | Required for Majors | 4 | Graduate     | 0      | Major          | 0  |
| 28-55      | 1     | 1.00-1.99 | 0 | В        | б        |                     |   |              |        |                |    |
| 56-83      | 2     | 2.00-2.99 | 1 | С        | 1        | General             | 9 | Under-grad   | 18     | Non-major      | 18 |
| 84-150     | 0     | 3.00-3.49 | 2 | D        | 0        |                     |   |              |        |                |    |
| Grad.      | 0     | 3.50-4.00 | 2 | F        | 0        | Electives           | 2 | #### - Means | there  | are not enough | n  |
|            |       |           |   | P        | 0        |                     |   | responses to | be sig | gnificant      |    |
|            |       |           |   | I        | 0        | Other               | 2 | _            |        |                |    |
|            |       |           |   | ?        | 2        |                     |   |              |        |                |    |

# Student Course Evaluation Questionnaire

|   |    |    | Fre | anner  | ncies  | 7 |          | Inst  | tructor   | Course  | Dept    | UMBC  | Level | Sect    |
|---|----|----|-----|--------|--------|---|----------|-------|-----------|---------|---------|-------|-------|---------|
| Questions   | NR | NA | 1   | 2      | 3      | 4 | 5        | Mean  | Rank      |         | Mean    |       | Mean  | Mean    |
|   |    |    |     |        |        |   |          |       |           |         |         |       |       |         |
| General   | 0  | 0  | 0   | 0      | 0      | r | 1 1      | 4 70  | 275/1522  | 4 70    | 4 05    | 4 20  | 4 1 4 | 4 70    |
| 1. Did you gain new insights, skills from this course     | 0  | 0  |     | 0<br>0 | 0<br>1 | 3 | 11<br>10 | 4.79  | 275/1522  |         | 4.05    | 4.30  | 4.14  | 4.79    |
| 2. Did the instructor make clear the expected goals       | 0  | 0  | 0   |        | _      | 3 |          | 4.64  | 383/1522  |         | 3.98    | 4.26  | 4.18  | 4.64    |
| 3. Did the exam questions reflect the expected goals      | 0  | 1  | 0   | 0      | 0      | 4 | 9        | 4.69  | 337/1285  |         | 3.65    | 4.30  | 4.22  | 4.69    |
| 4. Did other evaluations reflect the expected goals       | 1  | 1  | 0   | 0      | 0      | 3 | 9        | 4.75  | 226/1476  |         | 4.22    | 4.22  | 4.09  | 4.75    |
| 5. Did assigned readings contribute to what you learned   | 1  | 1  | 0   | 1      | 0      | 7 | 4        | 4.17  | 646/1412  |         | 4.05    | 4.06  | 4.01  | 4.17    |
| 6. Did written assignments contribute to what you learned | 1  | 2  | 0   | 0      | 0      | 5 | 6        | 4.55  | 297/1381  |         | 4.11    | 4.08  | 3.93  | 4.55    |
| 7. Was the grading system clearly explained               | 1  | 0  | 0   | 0      | 0      |   |          | 4.92  | 87/1500   |         | 3.75    | 4.18  | 4.16  | 4.92    |
| 8. How many times was class cancelled                     | 1  | 0  | 0   | 0      | 0      | 1 | 12       | 4.92  |           |         | 4.93    | 4.65  | 4.62  | 4.92    |
| 9. How would you grade the overall teaching effectiveness | 4  | 1  | 0   | 0      | 0      | 3 | б        | 4.67  | 264/1497  | 4.67    | 3.96    | 4.11  | 4.02  | 4.67    |
| Lecture   |    |    |     |        |        |   |          |       |           |         |         |       |       |         |
| 1. Were the instructor's lectures well prepared           | 4  | 0  | 0   | 0      | 0      | 2 | 8        | 4.80  | 353/1440  | 4.80    | 4.10    | 4.45  | 4.40  | 4.80    |
| 2. Did the instructor seem interested in the subject      | 3  | 0  | 0   | 0      | 0      | 2 | 9        | 4.82  | 737/1448  | 4.82    | 4.74    | 4.71  | 4.63  | 4.82    |
| 3. Was lecture material presented and explained clearly   | 3  | 0  | 0   | 0      | 0      | 2 | 9        | 4.82  | 207/1436  | 4.82    | 4.00    | 4.29  | 4.24  | 4.82    |
| 4. Did the lectures contribute to what you learned        | 4  | 0  | 0   | 0      | 0      | 3 | 7        | 4.70  | 418/1432  |         | 4.10    | 4.29  | 4.23  | 4.70    |
| 5. Did audiovisual techniques enhance your understanding  | 4  | 1  | 0   | 0      | 1      | 0 | 8        | 4.78  | 114/1221  |         | 4.31    | 3.93  | 3.86  | 4.78    |
|   |    |    |     |        |        |   |          |       |           |         |         |       |       |         |
| Discussion  | 0  | 0  | 0   | ~      | ~      | 1 | 4        | 4 0 0 | 104/1000  | 4 0 0   | 4 07    | 4 1 0 | 2 0 0 | 1 0 0   |
| 1. Did class discussions contribute to what you learned   | 9  | 0  | 0   | 0      | 0      | 1 | 4        | 4.80  | 184/1280  |         | 4.27    | 4.10  | 3.92  | 4.80    |
| 2. Were all students actively encouraged to participate   | 9  | 0  | 0   | 0      | 0      | 0 | 5        | 5.00  | 1/1277    | 5.00    | 4.47    | 4.34  | 4.13  | 5.00    |
| 3. Did the instructor encourage fair and open discussion  | 9  | 0  | 0   | 0      | 0      | 0 | 5        | 5.00  | 1/1269    | 5.00    | 4.38    | 4.31  | 4.04  | 5.00    |
| 4. Were special techniques successful                     | 9  | 1  | 0   | 0      | 1      | 0 | 3        | 4.50  | 194/ 854  | 4.50    | 4.21    | 4.02  | 3.87  | 4.50    |
| Laboratory  |    |    |     |        |        |   |          |       |           |         |         |       |       |         |
| 1. Did the lab increase understanding of the material     | 13 | 0  | 0   | 0      | 0      | 0 | 1        | 5.00  | ****/ 215 | * * * * | * * * * | 4.36  | 4.31  | * * * * |
| 2. Were you provided with adequate background information | 13 | 0  | 0   | 0      | 0      | 0 | 1        | 5.00  | ****/ 228 | * * * * | 4.50    | 4.35  | 4.33  | * * * * |
| 3. Were necessary materials available for lab activities  | 13 | 0  | 0   | 0      | 0      | 0 | 1        | 5.00  | ****/ 217 | * * * * | * * * * | 4.51  | 4.51  | * * * * |
| 4. Did the lab instructor provide assistance              | 13 | 0  | 0   | 0      | 0      | 0 | 1        | 5.00  | ****/ 216 | * * * * | 5.00    | 4.42  | 4.41  | * * * * |
| 5. Were requirements for lab reports clearly specified    | 13 | 0  | 0   | 0      | 0      | 0 | 1        | 5.00  | ****/ 205 | * * * * | 3.00    | 4.23  | 4.28  | * * * * |
| Seminar   |    |    |     |        |        |   |          |       |           |         |         |       |       |         |
| 1. Were assigned topics relevant to the announced theme   | 9  | 0  | 0   | 0      | 0      | 1 | 4        | 4.80  | 41/ 79    | 4.80    | 4.49    | 4.58  | 4.13  | 4.80    |
| 2. Was the instructor available for individual attention  | 9  | 0  | 0   | 0      | 0      | 1 | 4        | 4.80  | 41/ 77    | 4.80    | 4.58    | 4.52  | 4.03  | 4.80    |
| 3. Did research projects contribute to what you learned   | 9  | 0  | 0   | 0      | 0      | 1 | 4        | 4.80  | 30/ 65    |         | 4.18    | 4.49  | 3.85  | 4.80    |
| 4. Did presentations contribute to what you learned       | 9  | 0  | 0   | 0      | 0      | 2 | 3        | 4.60  | 46/ 78    | 4.60    | 4.18    | 4.45  | 3.88  | 4.60    |
| 5. Were criteria for grading made clear                   | 9  | 0  | 0   | 0      | 0      | 0 | 5        | 5.00  | 1/ 80     | 5.00    | 3.73    | 4.45  | 3.79  | 5.00    |
| 5. Were erreria for grading made erear                    | )  | 0  | 0   | 0      | 0      | 0 | 5        | 5.00  | 1/ 00     | 5.00    | 5.75    | 1.11  | 5.75  | 5.00    |
| Field Work  |    |    |     |        |        |   |          |       |           |         |         |       |       |         |
| 1. Did field experience contribute to what you learned    | 13 | 0  | 0   | 0      | 0      | 0 | 1        | 5.00  | ****/ 47  | * * * * | * * * * | 4.41  | 3.90  | * * * * |
| 2. Did you clearly understand your evaluation criteria    | 13 | 0  | 0   | 0      | 0      | 0 | 1        | 5.00  | ****/ 45  | * * * * | * * * * | 4.30  | 3.90  | * * * * |
| 3. Was the instructor available for consultation          | 13 | 0  | 0   | 0      | 0      | 0 | 1        | 5.00  | ****/ 39  | * * * * | * * * * | 4.40  | 3.99  | * * * * |
| 4. To what degree could you discuss your evaluations      | 13 | 0  | 0   | 0      | 0      | 0 | 1        | 5.00  | ****/ 35  | * * * * | * * * * | 4.31  | 4.00  | * * * * |
| 5. Did conferences help you carry out field activities    | 13 | 0  | 0   | 0      | 0      | 0 | 1        | 5.00  | ****/ 34  | * * * * | * * * * | 4.30  | 4.11  | * * * * |
| Self Paced  |    |    |     |        |        |   |          |       |           |         |         |       |       |         |
| 1. Did self-paced system contribute to what you learned   | 13 | 0  | 0   | 0      | 0      | 0 | 1        | 5.00  | ****/ 37  | * * * * | * * * * | 4.63  | 4.53  | * * * * |
| 2. Did study questions make clear the expected goal       | 13 | 0  | 0   | 0      | 0      | 0 | 1        | 5.00  | ****/ 23  | * * * * | * * * * | 4.41  | 4.19  | * * * * |
| 3. Were your contacts with the instructor helpful         | 13 | 0  | 0   | 0      | 0      | 0 | 1        | 5.00  | ****/ 33  | * * * * | * * * * | 4.41  | 4.19  | * * * * |
| 4. Was the feedback/tutoring by proctors helpful          | 13 | 0  | 0   | 0      | 0      | 0 | 1        | 5.00  | ****/ 22  | * * * * | * * * * | 4.54  | 4.31  | * * * * |
| 5. Were there enough proctors for all the students        | 13 | 0  | 0   | 0      | 0      | 0 | 1        |       | ****/ 18  |         | ****    | 4.54  | 4.31  | * * * * |
| 5. More there enough proceers for all the students        | CΤ | U  | U   | 0      | U      | U | -        | 5.00  | / 10      |         |         | 1.19  | I. 11 |         |

| Course-Section | : FYS 102A 0101        | University of Maryland                  | Page 809     |
|----------------|------------------------|---|--------------|
| Title          | INVESTIG.EVERYDAY PRBL | Baltimore County                        | JUN 26, 2007 |
| Instructor:    | EVANS, SUSAN A         | Spring 2007                             | Job IRBR3029 |
| Enrollment:    | 17                     |   |              |
| Questionnaires | : 14                   | Student Course Evaluation Questionnaire |              |

| Credits Ea | arned | Cum. GPA  |   | Expecte | ed Grades | Reasons             |   | Туре         |        | Majors         |    |
|------------|-------|-----------|---|---------|-----------|---------------------|---|--------------|--------|----------------|----|
| 00-27      | 3     | 0.00-0.99 | 1 | А       | 11        | Required for Majors | 5 | Graduate     | 0      | Major          | 0  |
| 28-55      | 4     | 1.00-1.99 | 0 | В       | 2         |                     |   |              |        |                |    |
| 56-83      | 1     | 2.00-2.99 | 0 | С       | 0         | General             | 3 | Under-grad   | 14     | Non-major      | 14 |
| 84-150     | 1     | 3.00-3.49 | 3 | D       | 0         |                     |   |              |        |                |    |
| Grad.      | 0     | 3.50-4.00 | 3 | F       | 0         | Electives           | 2 | #### - Means | there  | are not enough | n  |
|            |       |           |   | P       | 0         |                     |   | responses to | be sig | gnificant      |    |
|            |       |           |   | I       | 0         | Other               | 2 |              |        |                |    |
|            |       |           |   | ?       | 0         |                     |   |              |        |                |    |

# Student Course Evaluation Questionnaire

|   |    |    |   |   |   | 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 | 2    | 2      | 4.50   | 605/1522  | 4.50 | 4.05  | 4.30 | 4.14 | 4.50 |
| 2. Did the instructor make clear the expected goals       | 0  | 0  | 0 | 0 | 0 | 1    | 3      | 4.75   | 255/1522  | 4.75 | 3.98  | 4.26 | 4.18 | 4.75 |
| 4. Did other evaluations reflect the expected goals       | 0  | 0  | 0 | 0 | 1 | 0    | 3      | 4.50   | 473/1476  | 4.50 | 4.22  | 4.22 | 4.09 | 4.50 |
| 5. Did assigned readings contribute to what you learned   | 0  | 0  | 0 | 0 | 3 | 1    | 0      | 3.25   | 1287/1412 | 3.25 | 4.05  | 4.06 | 4.01 | 3.25 |
| 6. Did written assignments contribute to what you learned | 0  | 0  | 0 | 0 | 0 | 2    | 2      | 4.50   | 331/1381  | 4.50 | 4.11  | 4.08 | 3.93 | 4.50 |
| 7. Was the grading system clearly explained               | 0  | 1  | 0 | 0 | 0 | 1    | 2      | 4.67   | 312/1500  | 4.67 | 3.75  | 4.18 | 4.16 | 4.67 |
| 8. How many times was class cancelled                     | 0  | 0  | 0 | 0 | 0 | 0    | 4      | 5.00   | 1/1517    | 5.00 | 4.93  | 4.65 | 4.62 | 5.00 |
| 9. How would you grade the overall teaching effectiveness | 1  | 0  | 0 | 0 | 0 | 3    | 0      | 4.00   | 898/1497  | 4.00 | 3.96  | 4.11 | 4.02 | 4.00 |
| Lecture   |    |    |   |   |   |      |        |        |           |      |       |      |      |      |
| 1. Were the instructor's lectures well prepared           | 0  | 0  | 0 | 0 | 0 | 2    | 2      | 4.50   | 798/1440  | 4.50 | 4.10  | 4.45 | 4.40 | 4.50 |
| 2. Did the instructor seem interested in the subject      | 0  | 0  | 0 | 0 | 0 | 0    | 4      | 5.00   | 1/1448    | 5.00 | 4.74  | 4.71 | 4.63 | 5.00 |
| 3. Was lecture material presented and explained clearly   | 0  | 0  | 0 | 0 | 0 | 3    | 1      | 4.25   | 876/1436  | 4.25 | 4.00  | 4.29 | 4.24 | 4.25 |
| 4. Did the lectures contribute to what you learned        | 0  | 0  | 0 | 0 | 0 | 2    | 2      | 4.50   | 632/1432  | 4.50 | 4.10  | 4.29 | 4.23 | 4.50 |
| 5. Did audiovisual techniques enhance your understanding  | 0  | 0  | 0 | 0 | 0 | 1    | 3      | 4.75   | 124/1221  | 4.75 | 4.31  | 3.93 | 3.86 | 4.75 |
| Discussion  |    |    |   |   |   |      |        |        |           |      |       |      |      |      |
| 1. Did class discussions contribute to what you learned   | 2  | 0  | 0 | 0 | 0 | 0    | 2      | 5.00   | 1/1280    | 5.00 | 4.27  | 4.10 | 3.92 | 5.00 |
| 2. Were all students actively encouraged to participate   | 2  | 0  | 0 | 0 | 0 | 0    | 2      | 5.00   | 1/1277    | 5.00 | 4.47  | 4.34 | 4.13 | 5.00 |
| 3. Did the instructor encourage fair and open discussion  | 2  | 0  | 0 | 0 | 0 | 0    | 2      | 5.00   | 1/1269    | 5.00 | 4.38  | 4.31 | 4.04 | 5.00 |
| 4. Were special techniques successful                     | 2  | 1  | 0 | 0 | 0 | 0    | 1      | 5.00   | 1/ 854    | 5.00 | 4.21  | 4.02 | 3.87 | 5.00 |
| Seminar   |    |    |   |   |   |      |        |        |           |      |       |      |      |      |
| 1. Were assigned topics relevant to the announced theme   | 0  | 0  | 0 | 0 | 0 | 1    | 3      | 4.75   | 44/ 79    | 4.75 | 4.49  | 4.58 | 4.13 | 4.75 |
| 2. Was the instructor available for individual attention  | 0  | 0  | 0 | 0 | 0 | 1    | 3      | 4.75   | 45/ 77    | 4.75 | 4.58  | 4.52 | 4.03 | 4.75 |
| 3. Did research projects contribute to what you learned   | 0  | 0  | 0 | 0 | 0 | 1    | 3      | 4.75   | 34/ 65    | 4.75 | 4.18  | 4.49 | 3.85 | 4.75 |
| 4. Did presentations contribute to what you learned       | 0  | 0  | 0 | 0 | 0 | 2    | 2      | 4.50   | 49/ 78    | 4.50 | 4.18  | 4.45 | 3.88 | 4.50 |
| 5. Were criteria for grading made clear                   | 0  | 0  | 0 | 0 | 0 | 2    | 2      | 4.50   | 31/ 80    | 4.50 | 3.73  | 4.11 | 3.79 | 4.50 |

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

# Student Course Evaluation Questionnaire

|   | 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  | 5      | 1      | 0 | 0    | 0      | 1.17   | 1521/1522 | 1.17 | 4.05  | 4.30 | 4.14         | 1.17 |
| 2. Did the instructor make clear the expected goals       | 0           | 0  | 4      | 2      | 0 | 0    | 0      | 1.33   | 1521/1522 | 1.33 | 3.98  | 4.26 | 4.18         | 1.33 |
| 3. Did the exam questions reflect the expected goals      | 0           | 3  | 2      | 0      | 1 | 0    | 0      | 1.67   | 1283/1285 | 1.67 | 3.65  | 4.30 | 4.22         | 1.67 |
| 4. Did other evaluations reflect the expected goals       | 1           | 1  | 0      | 2      | 1 | 1    | 0      | 2.75   | 1448/1476 | 2.75 | 4.22  | 4.22 | 4.09         | 2.75 |
| 5. Did assigned readings contribute to what you learned   | 0           | 1  | 2      | 1      | 1 | 1    | 0      | 2.20   | 1398/1412 | 2.20 | 4.05  | 4.06 | 4.01         | 2.20 |
| 6. Did written assignments contribute to what you learned | 0           | 0  | 4      | 1      | 0 | 1    | 0      | 1.67   | 1374/1381 | 1.67 | 4.11  | 4.08 | 3.93         | 1.67 |
| 7. Was the grading system clearly explained               | 0           | 0  | 3      | 0      | 1 | 2    | 0      | 2.33   | 1477/1500 | 2.33 | 3.75  | 4.18 | 4.16         | 2.33 |
| 8. How many times was class cancelled                     | 0           | 0  | 0      | 0      | 0 | 0    | б      | 5.00   | 1/1517    | 5.00 | 4.93  | 4.65 | 4.62         | 5.00 |
| 9. How would you grade the overall teaching effectiveness | 2           | 0  | 2      | 2      | 0 | 0    | 0      | 1.50   | 1494/1497 | 1.50 | 3.96  | 4.11 | 4.02         | 1.50 |
| Lecture   |             |    |        |        |   |      |        |        |           |      |       |      |              |      |
| 1. Were the instructor's lectures well prepared           | 3           | 0  | 2      | 1      | 0 | 0    | 0      | 1.33   | 1439/1440 | 1.33 | 4.10  | 4.45 | 4.40         | 1.33 |
| 2. Did the instructor seem interested in the subject      | 2           | 0  | 0      | 1      | 2 | 0    | 1      |        | 1437/1448 | 3.25 | 4.74  | 4.71 | 4.63         | 3.25 |
| 3. Was lecture material presented and explained clearly   | 3           | 0  | 1      | 1      | 1 | 0    | 0      |        | 1429/1436 | 2.00 | 4.00  | 4.29 | 4.24         | 2.00 |
| 4. Did the lectures contribute to what you learned        | 3           | 0  | 3      | 0      | 0 | 0    | 0      |        | 1430/1432 | 1.00 | 4.10  | 4.29 | 4.23         | 1.00 |
| 5. Did audiovisual techniques enhance your understanding  | 2           | 1  | 2      | 0      | 1 | 0    | 0      |        | 1211/1221 |      | 4.31  | 3.93 | 3.86         | 1.67 |
| Discussion  |             |    |        |        |   |      |        |        |           |      |       |      |              |      |
| 1. Did class discussions contribute to what you learned   | 1           | 0  | 2      | 1      | 1 | 0    | 1      | 2 40   | 1264/1280 | 2.40 | 4.27  | 4.10 | 3.92         | 2.40 |
| 2. Were all students actively encouraged to participate   | 1           | 0  | 2      | 2      | 1 | 0    | 1      |        | 1265/1277 | 2.40 | 4.27  | 4.10 | 3.92<br>4.13 | 2.40 |
| 3. Did the instructor encourage fair and open discussion  | 1           | 0  | ⊥<br>3 | ∠<br>1 | 0 | 1    | 0      |        | 1266/1269 | 1.80 | 4.47  | 4.34 | 4.13         | 1.80 |
| 4. Were special techniques successful                     | 1           | 2  | 1      | 0      | 1 | 0    | 1      | 3.00   | 779/ 854  |      | 4.21  | 4.02 |              | 3.00 |
| 4. Were special techniques successiul                     | T           | 2  | T      | 0      | T | 0    | T      | 3.00   | 119/ 054  | 3.00 | 4.21  | 4.02 | 5.07         | 3.00 |
| Seminar   |             |    |        |        |   |      |        |        |           |      |       |      |              |      |
| 1. Were assigned topics relevant to the announced theme   | 2           | 0  | 1      | 1      | 2 | 0    | 0      | 2.25   | 78/ 79    | 2.25 | 4.49  | 4.58 | 4.13         | 2.25 |
| 2. Was the instructor available for individual attention  | 2           | 0  | 1      | 0      | 1 | 2    | 0      | 3.00   | 73/ 77    | 3.00 | 4.58  | 4.52 | 4.03         | 3.00 |
| 3. Did research projects contribute to what you learned   | 2           | 0  | 4      | 0      | 0 | 0    | 0      | 1.00   | 64/ 65    | 1.00 | 4.18  | 4.49 | 3.85         | 1.00 |
| 4. Did presentations contribute to what you learned       | 2           | 0  | 3      | 1      | 0 | 0    | 0      | 1.25   | 77/ 78    | 1.25 | 4.18  | 4.45 | 3.88         | 1.25 |
| 5. Were criteria for grading made clear                   | 2           | 0  | 3      | 1      | 0 | 0    | 0      | 1.25   | 79/ 80    | 1.25 | 3.73  | 4.11 | 3.79         | 1.25 |
|   |             |    |        |        |   |      |        |        |           |      |       |      |              |      |

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

# Student Course Evaluation Questionnaire

|   |    |    |   |   | 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 | 0    | 0      | 4      | 4.40 | 733/1522  | 4.40    | 4.05    | 4.30 | 4.14 | 4.40    |
| 2. Did the instructor make clear the expected goals       | 0  | 0  | 0 | Ō | 1    | 0      | 4      | 4.60 | 432/1522  | 4.60    | 3.98    | 4.26 | 4.18 | 4.60    |
| 4. Did other evaluations reflect the expected goals       | Ő  | 0  | 0 | 0 | 0    | 1      | 4      | 4.80 | 178/1476  | 4.80    | 4.22    | 4.22 | 4.09 | 4.80    |
| 5. Did assigned readings contribute to what you learned   | 0  | 1  | 0 | 0 | 0    | 1      | 3      | 4.75 | 167/1412  | 4.75    | 4.05    | 4.06 | 4.01 | 4.75    |
| 6. Did written assignments contribute to what you learned | 0  | 0  | 0 | 0 | Ő    | 2      | 3      | 4.60 | 247/1381  | 4.60    | 4.11    | 4.08 | 3.93 | 4.60    |
| 7. Was the grading system clearly explained               | 0  | 1  | 0 | 1 | 0    | 2      | 1      |      | 1183/1500 | 3.75    | 3.75    | 4.18 | 4.16 | 3.75    |
| 8. How many times was class cancelled                     | 0  | 0  | 0 | 0 | 0    | 2      | 3      | 4.60 | 994/1517  | 4.60    | 4.93    | 4.65 | 4.62 | 4.60    |
| 9. How would you grade the overall teaching effectiveness | 0  | 0  | 0 | 0 | 0    | 1      | 4      | 4.80 | 147/1497  | 4.80    | 3.96    | 4.11 | 4.02 | 4.80    |
|   |    |    |   |   |      |        |        |      |           |         |         |      |      |         |
| Lecture   |    |    |   |   |      |        |        |      | 0=0/4440  |         |         |      |      |         |
| 1. Were the instructor's lectures well prepared           | 0  | 0  | 0 | 0 | 0    | T      | 4      | 4.80 | 353/1440  | 4.80    | 4.10    | 4.45 | 4.40 | 4.80    |
| 2. Did the instructor seem interested in the subject      | 0  | 0  | 0 | 0 | 0    | 1      | 4      | 4.80 | 765/1448  | 4.80    | 4.74    | 4.71 | 4.63 | 4.80    |
| 3. Was lecture material presented and explained clearly   | 0  | 0  | 0 | 1 | 0    | 1      | 3      | 4.20 | 934/1436  | 4.20    | 4.00    | 4.29 | 4.24 | 4.20    |
| 4. Did the lectures contribute to what you learned        | 0  | 0  | 0 | 0 | 0    | 0      | 5      | 5.00 | 1/1432    | 5.00    | 4.10    | 4.29 | 4.23 | 5.00    |
| 5. Did audiovisual techniques enhance your understanding  | 0  | 1  | 0 | 0 | 0    | 0      | 4      | 5.00 | 1/1221    | 5.00    | 4.31    | 3.93 | 3.86 | 5.00    |
| Discussion  |    |    |   |   |      |        |        |      |           |         |         |      |      |         |
| 1. Did class discussions contribute to what you learned   | 3  | 0  | 0 | 0 | 0    | 1      | 1      | 4.50 | 390/1280  | 4.50    | 4.27    | 4.10 | 3.92 | 4.50    |
| 2. Were all students actively encouraged to participate   | 3  | 0  | 0 | 0 | 0    | 0      | 2      | 5.00 | 1/1277    | 5.00    | 4.47    | 4.34 | 4.13 | 5.00    |
| 3. Did the instructor encourage fair and open discussion  | 3  | 0  | 0 | 0 | 0    | 0      | 2      | 5.00 | 1/1269    | 5.00    | 4.38    | 4.31 | 4.04 | 5.00    |
| 4. Were special techniques successful                     | 3  | 1  | 0 | 0 | 0    | 0      | 1      | 5.00 | ****/ 854 | * * * * | 4.21    | 4.02 | 3.87 | * * * * |
| Laboratory  |    |    |   |   |      |        |        |      |           |         |         |      |      |         |
| 1. Did the lab increase understanding of the material     | З  | 1  | 0 | 0 | 0    | 0      | 1      | F 00 | ****/ 215 | * * * * | * * * * | 4.36 | 4.31 | * * * * |
| 2. Were you provided with adequate background information | 3  | 0  | 0 | 0 | 0    | 1      | 1      | 4.50 | 83/ 228   | 4.50    | 4.50    | 4.35 | 4.31 | 4.50    |
| 3. Were necessary materials available for lab activities  | 3  | 1  | 0 | 0 | 0    | 0      | 1      |      | ****/ 217 | ****    | ****    | 4.55 | 4.51 | ****    |
| 4. Did the lab instructor provide assistance              | 3  | 0  | 0 | 0 | 0    | 0      | 2      | 5.00 | 1/ 216    | 5.00    | 5.00    | 4.42 | 4.41 | 5.00    |
| 5. Were requirements for lab reports clearly specified    | 3  | 0  | 1 | 0 | 0    | 0      | 2      | 3.00 | 194/205   | 3.00    | 3.00    | 4.42 |      | 3.00    |
| 5. Were requirements for lab reports clearly specified    | 3  | 0  | T | 0 | 0    | U      | T      | 3.00 | 194/ 205  | 3.00    | 3.00    | 4.23 | 4.28 | 3.00    |
| Seminar   |    |    |   |   |      |        |        |      |           |         |         |      |      |         |
| 1. Were assigned topics relevant to the announced theme   | 1  | 0  | 0 | 0 | 0    | 0      | 4      | 5.00 | 1/ 79     | 5.00    | 4.49    | 4.58 | 4.13 | 5.00    |
| 2. Was the instructor available for individual attention  | 1  | 0  | 0 | 0 | 0    | 1      | 3      | 4.75 | 45/ 77    | 4.75    | 4.58    | 4.52 | 4.03 | 4.75    |
| 3. Did research projects contribute to what you learned   | 1  | 0  | 0 | 0 | 0    | 1      | 3      | 4.75 | 34/ 65    | 4.75    | 4.18    | 4.49 | 3.85 | 4.75    |
| 4. Did presentations contribute to what you learned       | 1  | 1  | 0 | 0 | 0    | 0      | 3      | 5.00 | 1/ 78     | 5.00    | 4.18    | 4.45 | 3.88 | 5.00    |
| 5. Were criteria for grading made clear                   | 1  | 2  | 0 | 0 | 1    | 0      | 1      | 4.00 | 49/ 80    | 4.00    | 3.73    | 4.11 | 3.79 | 4.00    |
|   |    |    |   |   |      |        |        |      |           |         |         |      |      |         |

| Credits E | arned | Cum. GPA  | L | Expected | l Grades | Reasons             |   | Туре                              | Majors |           |   |  |  |  |
|-----------|-------|-----------|---|----------|----------|---------------------|---|-----------------------------------|--------|-----------|---|--|--|--|
| 00-27     | 2     | 0.00-0.99 | 1 | A        | 3        | Required for Majors | 2 | Graduate                          | 0      | Major     | 0 |  |  |  |
| 28-55     | 2     | 1.00-1.99 | 0 | В        | 0        |                     |   |                                   |        |           |   |  |  |  |
| 56-83     | 0     | 2.00-2.99 | 0 | С        | 0        | General             | 2 | Under-grad                        | 5      | Non-major | 5 |  |  |  |
| 84-150    | 0     | 3.00-3.49 | 0 | D        | 0        |                     |   |                                   |        |           |   |  |  |  |
| Grad.     | 0     | 3.50-4.00 | 3 | F        | 0        | Electives           | 0 | #### - Means there are not enough |        |           |   |  |  |  |
|           |       |           |   | P        | 0        |                     |   | responses to                      | be sig | gnificant |   |  |  |  |
|           |       |           |   | I        | 0        | Other               | 0 |                                   |        |           |   |  |  |  |
|           |       |           |   | ?        | 1        |                     |   |                                   |        |           |   |  |  |  |

# Student Course Evaluation Questionnaire

|   |    |    |   | Frequenc<br>1 2 |   |   | F |      | tructor   | Course  | -       |      |      | Sect<br>Mean |
|---|----|----|---|-----------------|---|---|---|------|-----------|---------|---------|------|------|--------------|
| Questions   | NR | NA |   |                 | 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               | 3 | 0 | 4 | 4.14 | 1012/1522 | 4.14    | 4.05    | 4.30 | 4.14 | 4.14         |
| 2. Did the instructor make clear the expected goals       | 0  | 0  | 0 | 0               | 3 | 4 | 0 |      | 1335/1522 | 3.57    | 3.98    | 4.26 | 4.18 | 3.57         |
| 3. Did the exam questions reflect the expected goals      | 0  | 3  | 0 | 0               | 2 | 1 | 1 |      | 1088/1285 | 3.75    | 3.65    | 4.30 | 4.22 | 3.75         |
| 4. Did other evaluations reflect the expected goals       | 0  | 0  | 0 | 0               | 2 | 1 | 4 | 4.29 | 758/1476  | 4.29    | 4.22    | 4.22 | 4.09 | 4.29         |
| 5. Did assigned readings contribute to what you learned   | 0  | 0  | 0 | 0               | 0 | 3 | 4 | 4.57 | 299/1412  | 4.57    | 4.05    | 4.06 | 4.01 | 4.57         |
| 6. Did written assignments contribute to what you learned | 1  | 0  | 0 | 0               | 1 | 2 | 3 | 4.33 | 519/1381  | 4.33    | 4.11    | 4.08 | 3.93 | 4.33         |
| 7. Was the grading system clearly explained               | 0  | 0  | 0 | 1               | 3 | 0 | 3 | 3.71 | 1211/1500 | 3.71    | 3.75    | 4.18 | 4.16 | 3.71         |
| 8. How many times was class cancelled                     | 0  | 0  | 0 | 0               | 0 | 0 | 7 | 5.00 | 1/1517    |         | 4.93    | 4.65 | 4.62 | 5.00         |
| 9. How would you grade the overall teaching effectiveness | 1  | 0  | 0 | 0               | 2 | 3 | 1 | 3.83 | 1089/1497 | 3.83    | 3.96    | 4.11 | 4.02 | 3.83         |
|   |    |    |   |                 |   |   |   |      |           |         |         |      |      |              |
| Lecture   |    |    |   |                 |   |   |   |      |           |         |         |      |      |              |
| 1. Were the instructor's lectures well prepared           | 3  | 0  | 0 | 0               | 0 | 3 | 1 |      | 1047/1440 |         | 4.10    |      | 4.40 | 4.25         |
| 2. Did the instructor seem interested in the subject      | 3  | 0  | 0 | 0               | 0 | 0 | 4 | 5.00 | 1/1448    | 5.00    | 4.74    | 4.71 | 4.63 | 5.00         |
| 3. Was lecture material presented and explained clearly   | 3  | 0  | 0 | 1               | 2 | 1 | 0 |      | 1378/1436 | 3.00    | 4.00    | 4.29 | 4.24 | 3.00         |
| 4. Did the lectures contribute to what you learned        | 3  | 0  | 0 | 0               | 0 | 2 | 2 | 4.50 | 632/1432  |         | 4.10    | 4.29 | 4.23 | 4.50         |
| 5. Did audiovisual techniques enhance your understanding  | 3  | 0  | 0 | 0               | 0 | 3 | 1 | 4.25 | 461/1221  | 4.25    | 4.31    | 3.93 | 3.86 | 4.25         |
|   |    |    |   |                 |   |   |   |      |           |         |         |      |      |              |
| Discussion  |    |    |   |                 |   |   |   |      |           |         |         |      |      |              |
| 1. Did class discussions contribute to what you learned   | 0  | 0  | 0 | 0               | 1 | 1 | 5 | 4.57 | 343/1280  | 4.57    | 4.27    | 4.10 | 3.92 | 4.57         |
| 2. Were all students actively encouraged to participate   | 0  | 0  | 0 | 0               | 1 | 2 | 4 | 4.43 | 672/1277  | 4.43    | 4.47    | 4.34 | 4.13 | 4.43         |
| 3. Did the instructor encourage fair and open discussion  | 0  | 0  | 0 | 0               | 0 | 3 | 4 |      | 532/1269  | 4.57    | 4.38    | 4.31 | 4.04 | 4.57         |
| 4. Were special techniques successful                     | 0  | 0  | 0 | 3<br>3          | 1 | 1 | 2 | 3.29 | 737/ 854  |         | 4.21    | 4.02 | 3.87 |              |
| 1. Nere spectar coomingues successfur                     | Ŭ  | 0  | Ū | 5               | - | - | 2 | 5.25 | /3// 031  | 5.25    | 1.21    | 1.02 | 5.07 | 5.25         |
| Laboratory  |    |    |   |                 |   |   |   |      |           |         |         |      |      |              |
| 1. Did the lab increase understanding of the material     | 6  | 0  | 0 | 0               | 0 | 1 | 0 | 4.00 | ****/ 215 | * * * * | * * * * | 4.36 | 4.31 | * * * *      |
| 5   |    |    |   |                 |   |   |   |      |           |         |         |      |      |              |
| Seminar   |    |    |   |                 |   |   |   |      |           |         |         |      |      |              |
| 1. Were assigned topics relevant to the announced theme   | 5  | 0  | 0 | 0               | 0 | 0 | 2 | 5.00 | 1/ 79     | 5.00    | 4.49    | 4.58 | 4.13 | 5.00         |
| 2. Was the instructor available for individual attention  | 5  | 0  | 0 | 0               | 0 | 0 | 2 | 5.00 | 1/ 77     | 5.00    | 4.58    | 4.52 | 4.03 | 5.00         |
| 3. Did research projects contribute to what you learned   | 5  | 0  | 0 | 0               | 0 | 0 | 2 | 5.00 | 1/ 65     | 5.00    | 4.18    | 4.49 | 3.85 | 5.00         |
| 4. Did presentations contribute to what you learned       | 5  | 0  | 0 | 0               | 0 | 0 | 2 | 5.00 | 1/ 78     | 5.00    | 4.18    | 4.45 | 3.88 | 5.00         |
| 5. Were criteria for grading made clear                   | 5  | 0  | 0 | 0               | 0 | 0 | 2 | 5.00 | 1/ 80     | 5.00    | 3.73    | 4.11 | 3.79 | 5.00         |
|   |    |    |   |                 |   |   |   |      |           |         |         |      |      |              |

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

#### Student Course Evaluation Questionnaire

|   |     |    | Fre | Frequencies |   |   |    | Inst | tructor   | 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  | 2   | 0           | б | 3 | 4  | 3.47 | 1417/1522 | 3.47    | 4.05    | 4.30 | 4.14  | 3.47    |
| 2. Did the instructor make clear the expected goals       | 0   | 0  | 2   | 2           | 3 | 3 | 5  |      | 1380/1522 |         | 3.98    | 4.26 | 4.18  | 3.47    |
| 3. Did the exam questions reflect the expected goals      | 0   | 1  | 1   | 3           | 3 | 5 | 2  | 3.29 | 1218/1285 | 3.29    | 3.65    | 4.30 | 4.22  | 3.29    |
| 4. Did other evaluations reflect the expected goals       | 0   | 0  | 0   | 4           | 3 | 6 | 2  |      | 1349/1476 |         | 4.22    | 4.22 | 4.09  | 3.40    |
| 5. Did assigned readings contribute to what you learned   | 0   | 0  | 1   | 3           | 1 | 4 | 6  |      | 1029/1412 |         | 4.05    | 4.06 | 4.01  | 3.73    |
| 6. Did written assignments contribute to what you learned | 0   | 1  | 0   | 4           | 1 | 4 | 5  |      | 1070/1381 |         | 4.11    | 4.08 | 3.93  | 3.71    |
| 7. Was the grading system clearly explained               | 0   | 0  | 3   | 6           | 2 | 1 | 3  |      | 1464/1500 |         | 3.75    | 4.18 | 4.16  | 2.67    |
| 8. How many times was class cancelled                     | 0   | 0  | 0   | 0           | 0 | 0 | 15 | 5.00 | 1/1517    |         | 4.93    | 4.65 | 4.62  | 5.00    |
| 9. How would you grade the overall teaching effectiveness | 2   | 0  | 2   | 4           | 2 | 5 | 0  |      | 1456/1497 |         | 3.96    | 4.11 |       | 2.77    |
|   |     |    |     |             |   |   |    |      |           |         |         |      |       |         |
| Lecture   | _   | -  |     | _           |   | - |    |      |           |         |         |      |       |         |
| 1. Were the instructor's lectures well prepared           | 1   | 0  | 2   | 2           | 4 | 2 | 4  |      | 1391/1440 |         | 4.10    | 4.45 | 4.40  | 3.29    |
| 2. Did the instructor seem interested in the subject      | 1   | 0  | 0   | 0           | 0 | 3 | 11 | 4.79 | 802/1448  |         | 4.74    | 4.71 | 4.63  | 4.79    |
| 3. Was lecture material presented and explained clearly   | 1   | 0  | 2   | 2           | 4 | 3 | 3  |      | 1356/1436 |         | 4.00    | 4.29 | 4.24  | 3.21    |
| 4. Did the lectures contribute to what you learned        | 1   | 0  | 6   | 2           | 1 | 2 | 3  |      | 1397/1432 |         | 4.10    | 4.29 | 4.23  | 2.57    |
| 5. Did audiovisual techniques enhance your understanding  | 2   | 1  | 0   | 0           | 1 | 0 | 11 | 4.83 | 92/1221   | 4.83    | 4.31    | 3.93 | 3.86  | 4.83    |
| Discussion  |     |    |     |             |   |   |    |      |           |         |         |      |       |         |
| 1. Did class discussions contribute to what you learned   | 4   | 0  | 2   | 3           | 1 | 2 | 3  | 3.09 | 1178/1280 | 3.09    | 4.27    | 4.10 | 3.92  | 3.09    |
| 2. Were all students actively encouraged to participate   | 4   | 0  | 2   | 0           | 1 | 4 | 4  |      | 1075/1277 | 3.73    | 4.47    | 4.34 | 4.13  | 3.73    |
| 3. Did the instructor encourage fair and open discussion  | 4   | 0  | 2   | 0           | 1 | 4 | 4  | 3.73 | 1047/1269 | 3.73    | 4.38    | 4.31 | 4.04  | 3.73    |
| 4. Were special techniques successful                     | 4   | 8  | 0   | 0           | 1 | 1 | 1  |      | ****/ 854 | * * * * | 4.21    | 4.02 | 3.87  | * * * * |
|   |     |    |     |             |   |   |    |      |           |         |         |      |       |         |
| Laboratory  |     |    |     |             |   |   |    |      |           |         |         |      |       |         |
| 2. Were you provided with adequate background information | 14  | 0  | 1   | 0           | 0 | 0 | 0  | 1.00 | ****/ 228 | * * * * | 4.50    | 4.35 | 4.33  | * * * * |
| Seminar   |     |    |     |             |   |   |    |      |           |         |         |      |       |         |
| 1. Were assigned topics relevant to the announced theme   | 8   | 0  | 0   | 0           | 2 | 2 | 3  | 4.14 | 66/ 79    | 4.14    | 4.49    | 4.58 | 4.13  | 4.14    |
| 2. Was the instructor available for individual attention  | 10  | 2  | 0   | 2           | 1 | 0 | 0  |      | ****/ 77  | ****    | 4.58    | 4.52 | 4.03  | ****    |
| 3. Did research projects contribute to what you learned   | - 0 | 4  | 0   | 0           | 2 | 0 | 0  | 3.00 | ,         | * * * * | 4.18    | 4.49 | 3.85  | * * * * |
| 4. Did presentations contribute to what you learned       | 9   | 1  | 0   | 1           | 2 | 2 | 0  | 3.20 | 73/ 78    | 3.20    | 4.18    | 4.45 | 3.88  | 3.20    |
| 5. Were criteria for grading made clear                   | 9   | 1  | 2   | 3           | 0 | 0 | 0  | 1.60 | 76/ 80    |         | 3.73    | 4.11 |       | 1.60    |
|   |     |    |     |             |   |   |    |      |           |         |         |      |       |         |
| Field Work  |     |    |     |             |   |   |    |      |           |         |         |      |       |         |
| 1. Did field experience contribute to what you learned    | 14  | 0  | 1   | 0           | 0 | 0 | 0  | 1.00 | ****/ 47  | * * * * | * * * * | 4.41 | 3.90  | * * * * |
| 2. Did you clearly understand your evaluation criteria    | 14  | 0  | 1   | 0           | 0 | 0 | 0  | 1.00 | ****/ 45  | * * * * | * * * * | 4.30 | 3.90  | * * * * |
| Self Paced  |     |    |     |             |   |   |    |      |           |         |         |      |       |         |
| 1. Did self-paced system contribute to what you learned   | 14  | 0  | 1   | 0           | 0 | 0 | 0  | 1.00 | ****/ 37  | * * * * | * * * * | 4.63 | 4.53  | * * * * |
| 3. Were your contacts with the instructor helpful         | 14  | 0  | 0   | 0           | 1 | 0 | 0  | 1.00 | ****/ 33  | * * * * | * * * * | 4.69 | 4.57  | * * * * |
| 5. Mere your concacts with the instructor neipiur         | ± 1 | 0  | 0   | U           | - | 0 | U  | 5.00 | , 55      |         |         | 1.09 | 1.57  |         |

| Credits Ea | arned | Cum. GPA  |   | Expected | d Grades | Reasons             |   | Туре         | Majors |               |    |
|------------|-------|-----------|---|----------|----------|---------------------|---|--------------|--------|---------------|----|
| 00-27      | <br>4 | 0.00-0.99 | 1 | A        | <br>7    | Required for Majors |   | Graduate     | 0      | Major         |    |
| 28-55      | б     | 1.00-1.99 | 0 | В        | 7        |                     |   |              |        |               |    |
| 56-83      | 1     | 2.00-2.99 | 0 | C        | 1        | General             | 6 | Under-grad   | 15     | Non-major     | 15 |
| 84-150     | 0     | 3.00-3.49 | 4 | D        | 0        |                     |   |              |        |               |    |
| Grad.      | 0     | 3.50-4.00 | 7 | F        | 0        | Electives           | 0 | #### - Means | there  | are not enoug | h  |
|            |       |           |   | P        | 0        |                     |   | responses to | be sig | gnificant     |    |
|            |       |           |   | I        | 0        | Other               | 3 | -            | -      | -             |    |

? 0

# Student Course Evaluation Questionnaire

| Questions   | NR | NΔ |   | Frequencies<br>1 2 3 |   | 5<br>4 | 5  | Inst<br>Mean | ructor<br>Rank | Course  | Dept<br>Mean | UMBC<br>Mean |      | Sect<br>Mean |
|---|----|----|---|----------------------|---|--------|----|--------------|----------------|---------|--------------|--------------|------|--------------|
| Queseions   |    |    |   |                      |   |        |    |              |                |         |              |              |      |              |
| General   |    |    |   |                      |   |        |    |              |                |         |              |              |      |              |
| 1. Did you gain new insights,skills from this course                | 9  | 0  | 0 | 0                    | 0 | 3      | 8  | 4.73         | 365/1522       | 4.73    | 4.05         | 4.30         | 4.14 | 4.73         |
| 2. Did the instructor make clear the expected goals                 | 9  | 0  | 0 | 0                    | 0 | 3      | 8  | 4.73         | 288/1522       | 4.73    | 3.98         | 4.26         | 4.18 | 4.73         |
| 3. Did the exam questions reflect the expected goals                | 9  | 6  | 0 | 0                    | 2 | 0      | 3  | 4.20         | 809/1285       | 4.20    | 3.65         | 4.30         | 4.22 | 4.20         |
| 4. Did other evaluations reflect the expected goals                 | 10 | 0  | 0 | 0                    | 1 | 3      | б  | 4.50         | 473/1476       | 4.50    | 4.22         | 4.22         | 4.09 | 4.50         |
| 5. Did assigned readings contribute to what you learned             | 9  | 0  | 0 | 0                    | 1 | 2      | 8  | 4.64         | 257/1412       | 4.64    | 4.05         | 4.06         | 4.01 | 4.64         |
| 6. Did written assignments contribute to what you learned           | 9  | 0  | 0 | 0                    | 0 | 3      | 8  | 4.73         | 168/1381       | 4.73    | 4.11         | 4.08         | 3.93 | 4.73         |
| 7. Was the grading system clearly explained                         | 9  | 0  | 0 | 2                    | 4 | 0      | 5  | 3.73         | 1204/1500      | 3.73    | 3.75         | 4.18         | 4.16 | 3.73         |
| 8. How many times was class cancelled                               | 9  | 0  | 0 | 0                    | 0 | 1      | 10 | 4.91         | 487/1517       | 4.91    | 4.93         | 4.65         | 4.62 | 4.91         |
| 9. How would you grade the overall teaching effectiveness           | 11 | 0  | 0 | 0                    | 0 | 2      | 7  | 4.78         | 172/1497       | 4.78    | 3.96         | 4.11         | 4.02 | 4.78         |
| Lecture   |    |    |   |                      |   |        |    |              |                |         |              |              |      |              |
| 1. Were the instructor's lectures well prepared                     | 10 | 0  | 0 | 0                    | 0 | 1      | 9  | 4.90         | 192/1440       | 4.90    | 4.10         | 4.45         | 4.40 | 4.90         |
| 2. Did the instructor seem interested in the subject                | 10 | 0  | 0 | 0                    | 0 | 0      | 10 | 5.00         | 1/1448         | 5.00    | 4.74         | 4.71         | 4.63 | 5.00         |
| 3. Was lecture material presented and explained clearly             | 11 | 0  | 0 | 0                    | 0 | 0      | 9  | 5.00         | 1/1436         | 5.00    | 4.00         | 4.29         | 4.24 | 5.00         |
| 4. Did the lectures contribute to what you learned                  | 10 | 0  | 0 | 0                    | 0 | 1      | 9  | 4.90         | 161/1432       | 4.90    | 4.10         | 4.29         | 4.23 | 4.90         |
| 5. Did audiovisual techniques enhance your understanding            | 10 | 0  | 0 | 0                    | 0 | 0      | 10 | 5.00         | 1/1221         | 5.00    | 4.31         | 3.93         | 3.86 | 5.00         |
| Discussion  |    |    |   |                      |   |        |    |              |                |         |              |              |      |              |
| 1. Did class discussions contribute to what you learned             | 9  | 0  | 0 | 0                    | 0 | 1      | 10 | 4.91         | 138/1280       | 4.91    | 4.27         | 4.10         | 3.92 | 4.91         |
| 2. Were all students actively encouraged to participate             | 9  | 0  | 0 | 0                    | 0 | 0      | 11 | 5.00         | 1/1277         | 5.00    | 4.47         | 4.34         | 4.13 | 5.00         |
| 3. Did the instructor encourage fair and open discussion            | 9  | 0  | 0 | 0                    | 0 | 1      | 10 | 4.91         | 223/1269       | 4.91    | 4.38         | 4.31         | 4.04 | 4.91         |
| 4. Were special techniques successful                               | 9  | 4  | 0 | 0                    | 1 | 0      | 6  | 4.71         | 121/ 854       |         |              | 4.02         | 3.87 |              |
| -   |    |    |   |                      |   |        |    |              |                |         |              |              |      |              |
| Laboratory<br>1. Did the lab increase understanding of the material | 18 | 0  | 0 | 0                    | 0 | 0      | 2  | 5.00         | ****/ 215      | * * * * | * * * *      | 4.36         | 4.31 | * * * *      |
| 2. Were you provided with adequate background information           | 18 | 0  | 0 | 0                    | 0 | 0      | 2  | 5.00         | ****/ 228      | * * * * | 4.50         | 4.35         | 4.31 | * * * *      |
| 3. Were necessary materials available for lab activities            | 19 | 0  | 0 | 0                    | 0 | 1      | 0  |              | ****/ 217      | * * * * | ****         | 4.51         | 4.51 | * * * *      |
| 4. Did the lab instructor provide assistance                        | 19 | 0  | 0 | 0                    | 0 | 0      | 1  |              | ****/ 216      | * * * * | 5.00         | 4.42         | 4.41 | * * * *      |
| 5. Were requirements for lab reports clearly specified              | 19 | 0  | 0 | 0                    | 0 | 1      | 0  |              | ****/ 205      | * * * * | 3.00         | 4.23         | 4.28 | * * * *      |
| 5. Were requirements for tab reports creatly specified              | 10 | 0  | 0 | 0                    | 0 | -      | 0  | 1.00         | , 205          |         | 5.00         | 1.25         | 1.20 |              |
| Seminar   |    |    |   |                      |   |        |    |              |                |         |              |              |      |              |
| 1. Were assigned topics relevant to the announced theme             | 11 | 0  | 0 | 0                    | 0 | 0      | 9  | 5.00         | 1/ 79          | 5.00    | 4.49         | 4.58         | 4.13 | 5.00         |
| 2. Was the instructor available for individual attention            | 11 | 0  | 0 | 0                    | 1 | 0      | 8  | 4.78         | 43/ 77         | 4.78    | 4.58         | 4.52         | 4.03 | 4.78         |
| 3. Did research projects contribute to what you learned             | 11 | 0  | 0 | 0                    | 1 | 0      | 8  | 4.78         | 32/ 65         | 4.78    | 4.18         | 4.49         | 3.85 | 4.78         |
| 4. Did presentations contribute to what you learned                 | 11 | 0  | 0 | 0                    | 0 | 1      | 8  | 4.89         | 29/ 78         | 4.89    | 4.18         | 4.45         | 3.88 | 4.89         |
| 5. Were criteria for grading made clear                             | 11 | 1  | 0 | 0                    | 2 | 0      | б  | 4.50         | 31/ 80         | 4.50    | 3.73         | 4.11         | 3.79 | 4.50         |

| Credits H | Earned | Cum. GPA  | L | Expected | l Grades | Reasons             |   | Туре         | Majors |                |    |
|-----------|--------|-----------|---|----------|----------|---------------------|---|--------------|--------|----------------|----|
| 00-27     | 2      | 0.00-0.99 | 0 | <br>А    | 6        | Required for Majors | 2 | Graduate     | 0      | Major          | 0  |
| 28-55     | 3      | 1.00-1.99 | 0 | В        | 5        |                     |   |              |        |                |    |
| 56-83     | 0      | 2.00-2.99 | 2 | С        | 0        | General             | 8 | Under-grad   | 20     | Non-major      | 20 |
| 84-150    | 1      | 3.00-3.49 | 1 | D        | 0        |                     |   |              |        |                |    |
| Grad.     | 0      | 3.50-4.00 | 4 | F        | 0        | Electives           | 1 | #### - Means | there  | are not enough | n  |
|           |        |           |   | P        | 0        |                     |   | responses to | be sig | gnificant      |    |
|           |        |           |   | I        | 0        | Other               | 1 | _            |        |                |    |
|           |        |           |   | ?        | 0        |                     |   |              |        |                |    |