Student Course Evaluation Questionnaire

| | | | Fre | equer | ncies | 5 | | 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 | 1 | 5 | 13 | 4.63 | 457/1576 | 4.63 | 4.47 | 4.30 | 4.11 | 4.63 |
| 2. Did the instructor make clear the expected goals | 0 | 0 | 0 | 0 | 0 | 4 | 15 | 4.79 | 244/1576 | 4.79 | 4.21 | 4.27 | 4.18 | 4.79 |
| 3. Did the exam questions reflect the expected goals | 0 | 12 | 0 | 0 | 0 | 1 | 6 | 4.86 | 209/1342 | 4.86 | 4.56 | 4.32 | 4.19 | 4.86 |
| 4. Did other evaluations reflect the expected goals | 0 | 1 | 0 | 0 | 0 | 7 | 11 | 4.61 | 385/1520 | 4.61 | 4.29 | 4.25 | 4.09 | 4.61 |
| 5. Did assigned readings contribute to what you learned | 0 | 18 | 0 | 0 | 1 | 0 | 0 | 3.00 | ****/1465 | * * * * | 4.19 | 4.12 | 4.02 | * * * * |
| 6. Did written assignments contribute to what you learned | 0 | 1 | 2 | 1 | 3 | 7 | 5 | 3.67 | 1142/1434 | 3.67 | 3.70 | 4.14 | 3.94 | 3.67 |
| 7. Was the grading system clearly explained | 0 | 0 | 0 | 0 | 0 | 8 | 11 | 4.58 | 445/1547 | 4.58 | 3.86 | 4.19 | 4.10 | 4.58 |
| 8. How many times was class cancelled | 0 | 0 | 0 | 0 | 0 | 9 | 10 | 4.53 | 1063/1574 | 4.53 | 4.67 | 4.64 | 4.59 | 4.53 |
| 9. How would you grade the overall teaching effectiveness | 3 | 0 | 0 | 0 | 1 | б | 9 | 4.50 | 395/1554 | 4.50 | 4.16 | 4.10 | 4.01 | 4.50 |
| Lecture | | | | | | | | | | | | | | |
| 1. Were the instructor's lectures well prepared | 13 | 0 | 0 | 0 | 0 | 1 | 5 | 4.83 | 355/1488 | 4.83 | 4.34 | 4.47 | 4.41 | 4.83 |
| 2. Did the instructor seem interested in the subject | 12 | 0 | 0 | 0 | 0 | 0 | 7 | 5.00 | 1/1493 | | 4.61 | 4.73 | 4.65 | 5.00 |
| 3. Was lecture material presented and explained clearly | 12 | 0 | 0 | 0 | 0 | 2 | , 5 | 4.71 | 393/1486 | | 4.18 | 4.32 | 4.26 | 4.71 |
| 4. Did the lectures contribute to what you learned | 12 | 0 | 0 | 0 | 0 | 4 | 3 | 4.43 | 789/1489 | | 4.26 | 4.32 | 4.22 | 4.43 |
| 5. Did audiovisual techniques enhance your understanding | 13 | 5 | 0 | 0 | 0 | 0 | 1 | | ****/1277 | | 4.48 | 4.03 | 3.91 | **** |
| ······································ | | | | | | | | | , | | | | | |
| Discussion | | | | | | | | | | | | | | |
| 1. Did class discussions contribute to what you learned | 15 | 0 | 1 | 0 | 2 | 1 | 0 | 2.75 | ****/1279 | * * * * | 4.06 | 4.17 | 3.96 | * * * * |
| 2. Were all students actively encouraged to participate | 15 | 0 | 1 | 0 | 1 | 0 | 2 | 3.50 | ****/1270 | * * * * | 4.59 | 4.35 | 4.09 | * * * * |
| 3. Did the instructor encourage fair and open discussion | 15 | 0 | 1 | 0 | 1 | 0 | 2 | 3.50 | ****/1269 | * * * * | 4.62 | 4.35 | 4.09 | * * * * |
| 4. Were special techniques successful | 15 | 0 | 0 | 1 | 1 | 1 | 1 | 3.50 | ****/ 878 | * * * * | 3.84 | 4.05 | 3.91 | * * * * |
| | | | | | | | | | | | | | | |

| Credits Ea | arned | Cum. GPA | | Expecte | ed Grades | Reasons | | Туре | | Majors | |
|------------|-------|-----------|---|---------|-----------|---------------------|---|--------------|--------|----------------|----|
| 00-27 | 0 | 0.00-0.99 | 0 | А А | 11 | Required for Majors | 8 | Graduate | 0 | Major | 0 |
| 28-55 | 1 | 1.00-1.99 | 0 | В | 5 | | | | | | |
| 56-83 | 5 | 2.00-2.99 | 2 | С | 0 | General | 7 | Under-grad | 19 | Non-major | 19 |
| 84-150 | 5 | 3.00-3.49 | 4 | D | 0 | | | | | | |
| Grad. | 0 | 3.50-4.00 | 7 | F | 0 | Electives | 1 | #### - Means | there | are not enough | h |
| | | | | P | 1 | | | responses to | be sig | gnificant | |
| | | | | I | 0 | Other | 1 | - | | | |
| | | | | ? | 0 | | | | | | |

Student Course Evaluation Questionnaire

| | | | Fre | equer | ncies | 5 | | 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 | З | 5 | 4 | 6 | 3 58 | 1420/1576 | 3.58 | 4.47 | 4.30 | 4.35 | 3.58 |
| 2. Did the instructor make clear the expected goals | Ő | 0 | 0 | 2 | 4 | 5 | 8 | | 1138/1576 | 4.00 | 4.21 | 4.27 | 4.32 | 4.00 |
| 3. Did the exam questions reflect the expected goals | 1 | 0 | 1 | 1 | 3 | 5 | 8 | 4.00 | 972/1342 | | 4.56 | 4.32 | 4.41 | 4.00 |
| 4. Did other evaluations reflect the expected goals | 0 | 1 | 0 | 2 | 2 | 5 | 9 | 4.17 | 945/1520 | 4.17 | 4.29 | 4.25 | 4.26 | 4.17 |
| 5. Did assigned readings contribute to what you learned | 0 | 0 | 0 | 1 | 1 | 9 | 8 | 4.26 | 637/1465 | 4.26 | 4.19 | 4.12 | 4.09 | 4.26 |
| 6. Did written assignments contribute to what you learned | 1 | 0 | 0 | 1 | 4 | 8 | 5 | 3.94 | 953/1434 | | 3.70 | 4.14 | 4.06 | 3.94 |
| 7. Was the grading system clearly explained | 1 | Ő | 2 | 1 | 2 | 5 | 8 | | 1159/1547 | | 3.86 | 4.19 | 4.22 | 3.89 |
| 8. How many times was class cancelled | 0 | Ő | 0 | 1 | 0 | 4 | 14 | 4.63 | 957/1574 | 4.63 | 4.67 | 4.64 | 4.62 | 4.63 |
| 9. How would you grade the overall teaching effectiveness | 2 | 1 | 0 | 0 | 8 | 8 | 0 | | 1303/1554 | | 4.16 | 4.10 | 4.05 | 3.50 |
| Lecture | | | | | | | | | | | | | | |
| 1. Were the instructor's lectures well prepared | З | 0 | 1 | 2 | 4 | 4 | 5 | 3 63 | 1374/1488 | 3.63 | 4.34 | 4.47 | 4.44 | 3.63 |
| 2. Did the instructor seem interested in the subject | 2 | 0 | 0 | 0 | 0 | 4 | 12 | 4.75 | 908/1493 | | 4.61 | 4.73 | 4.75 | 4.75 |
| 3. Was lecture material presented and explained clearly | 3 | 0 | 1 | 0 | 6 | 4 | 5 | | 1253/1486 | | 4.18 | 4.32 | 4.29 | 3.75 |
| 4. Did the lectures contribute to what you learned | 3 | 1 | 1 | 0 | 8 | 3 | 3 | | 1325/1489 | | 4.26 | 4.32 | 4.31 | 3.47 |
| 5. Did audiovisual techniques enhance your understanding | 7 | 1 | Ō | 0 | 3 | 4 | 4 | 4.09 | 656/1277 | 4.09 | 4.48 | 4.03 | 4.01 | 4.09 |
| 1 | | | | | | | | | , | | | | | |
| Discussion | | | | | | | | | | | | | | |
| 1. Did class discussions contribute to what you learned | 11 | 0 | 1 | 1 | 2 | 2 | 2 | 3.38 | 1115/1279 | 3.38 | 4.06 | 4.17 | 4.14 | 3.38 |
| 2. Were all students actively encouraged to participate | 11 | 0 | 0 | 0 | 1 | 3 | 4 | 4.38 | 756/1270 | 4.38 | 4.59 | 4.35 | 4.30 | 4.38 |
| 3. Did the instructor encourage fair and open discussion | 11 | 0 | 0 | 0 | 1 | 2 | 5 | 4.50 | 644/1269 | 4.50 | 4.62 | 4.35 | 4.29 | 4.50 |
| 4. Were special techniques successful | 11 | 0 | 0 | 0 | 2 | 3 | 3 | 4.13 | 435/ 878 | 4.13 | 3.84 | 4.05 | 3.92 | 4.13 |
| T a branch and | | | | | | | | | | | | | | |
| Laboratory | 1.0 | 0 | 0 | 0 | 0 | 0 | - | - 00 | **** (200 | ale ale ale ale | ale ale ale ale | 4 0 0 | 4 00 | de de de de |
| 5. Were requirements for lab reports clearly specified | 18 | 0 | 0 | 0 | 0 | 0 | 1 | 5.00 | ****/ 379 | * * * * | * * * * | 4.20 | 4.29 | * * * * |

| Credits E | arned | Cum. GPA | L | Expected | l Grades | Reasons | | Туре | | Majors | |
|-----------|-------|-----------|---|----------|----------|---------------------|---|--------------|--------|---------------|----|
| 00-27 | 1 | 0.00-0.99 | 0 | A | 2 | Required for Majors | 2 | Graduate | 0 | Major | 4 |
| 28-55 | 0 | 1.00-1.99 | 1 | В | 4 | | | | | | |
| 56-83 | 1 | 2.00-2.99 | 1 | С | 4 | General | 1 | Under-grad | 19 | Non-major | 15 |
| 84-150 | 3 | 3.00-3.49 | 3 | D | 0 | | | | | | |
| Grad. | 0 | 3.50-4.00 | 1 | F | 0 | Electives | 0 | #### - Means | there | are not enoug | h |
| | | | | P | 0 | | | responses to | be sig | gnificant | |
| | | | | I | 0 | Other | 9 | _ | | | |
| | | | | ? | 0 | | | | | | |

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 | 0 | 0 | 1 | 5 | 4.29 | 916/1576 | 4.29 | 4.47 | 4.30 | 4.35 | 4.29 |
| 2. Did the instructor make clear the expected goals | 0 | 0 | 0 | 2 | 0 | 2 | 3 | 3.86 | 1264/1576 | 3.86 | 4.21 | 4.27 | 4.32 | 3.86 |
| 3. Did the exam questions reflect the expected goals | 0 | 0 | 0 | 1 | 0 | 3 | 3 | 4.14 | 912/1342 | 4.14 | 4.56 | 4.32 | 4.41 | 4.14 |
| 4. Did other evaluations reflect the expected goals | 0 | 0 | 0 | 1 | 1 | 3 | 2 | 3.86 | 1199/1520 | 3.86 | 4.29 | 4.25 | 4.26 | 3.86 |
| 5. Did assigned readings contribute to what you learned | 0 | 0 | 0 | 1 | 2 | 1 | 3 | 3.86 | 1028/1465 | 3.86 | 4.19 | 4.12 | 4.09 | 3.86 |
| 6. Did written assignments contribute to what you learned | 0 | 0 | 0 | 2 | 0 | 1 | 4 | 4.00 | 878/1434 | 4.00 | 3.70 | 4.14 | 4.06 | 4.00 |
| 7. Was the grading system clearly explained | 0 | 0 | 1 | 0 | 2 | 2 | 2 | 3.57 | 1316/1547 | 3.57 | 3.86 | 4.19 | 4.22 | 3.57 |
| 8. How many times was class cancelled | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 5.00 | 1/1574 | 5.00 | 4.67 | 4.64 | 4.62 | 5.00 |
| 9. How would you grade the overall teaching effectiveness | 0 | 0 | 1 | 0 | 3 | 3 | 0 | 3.14 | 1420/1554 | 3.14 | 4.16 | 4.10 | 4.05 | 3.14 |
| Lecture | | | | | | | | | | | | | | |
| 1. Were the instructor's lectures well prepared | 0 | 0 | 0 | 0 | 3 | 2 | 2 | 3.86 | 1329/1488 | 3.86 | 4.34 | 4.47 | 4.44 | 3.86 |
| 2. Did the instructor seem interested in the subject | 0 | 0 | 0 | 0 | 1 | 1 | 5 | 4.57 | 1150/1493 | 4.57 | 4.61 | 4.73 | 4.75 | 4.57 |
| 3. Was lecture material presented and explained clearly | 0 | 0 | 0 | 1 | 3 | 1 | 2 | 3.57 | 1313/1486 | 3.57 | 4.18 | 4.32 | 4.29 | 3.57 |
| 4. Did the lectures contribute to what you learned | 0 | 0 | 0 | 0 | 2 | 3 | 2 | 4.00 | 1118/1489 | 4.00 | 4.26 | 4.32 | 4.31 | 4.00 |
| 5. Did audiovisual techniques enhance your understanding | 0 | 1 | 0 | 0 | 3 | 1 | 2 | 3.83 | 839/1277 | 3.83 | 4.48 | 4.03 | 4.01 | 3.83 |
| Discussion | | | | | | | | | | | | | | |
| 1. Did class discussions contribute to what you learned | 1 | 0 | 1 | 0 | 1 | З | 1 | 3 50 | 1064/1279 | 3.50 | 4.06 | 4.17 | 4.14 | 3.50 |
| 2. Were all students actively encouraged to participate | 1 | 0 | 0 | 0 | 1 | 1 | 4 | 4.50 | 636/1270 | 4.50 | 4.59 | 4.35 | 4.30 | 4.50 |
| 3. Did the instructor encourage fair and open discussion | 1 | 0 | 0 | 0 | - 1 | ⊥ २ | 2 | 4.17 | 870/1269 | 4.17 | 4.62 | 4.35 | 4.29 | 4.17 |
| 4. Were special techniques successful | 1 | 1 | 0 | 2 | 2 | 1 | 0 | 2.80 | 837/ 878 | | 3.84 | 4.05 | 3.92 | 2.80 |
| 1. Here Special countract Successful | - | - | 5 | 2 | - | - | 0 | 2.00 | 000 | 2.00 | 5.01 | 1.05 | 5.72 | 2.00 |

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

Student Course Evaluation Questionnaire

| | | | Fre | equer | ncies | | | 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 | 9 | 4.69 | 373/1576 | 4.69 | 4.47 | 4.30 | 4.35 | 4.69 |
| 2. Did the instructor make clear the expected goals | 0 | 0 | 0 | 1 | 0 | 4 | 8 | 4.46 | 668/1576 | 4.46 | 4.21 | 4.27 | 4.32 | 4.46 |
| 3. Did the exam questions reflect the expected goals | 0 | 4 | 0 | 0 | 1 | 3 | 5 | 4.44 | 658/1342 | 4.44 | 4.56 | 4.32 | 4.41 | 4.44 |
| 4. Did other evaluations reflect the expected goals | 0 | 4 | 0 | 0 | 2 | 3 | 4 | 4.22 | 891/1520 | 4.22 | 4.29 | 4.25 | 4.26 | 4.22 |
| 5. Did assigned readings contribute to what you learned | 1 | 11 | 0 | 0 | 0 | 1 | 0 | 4.00 | ****/1465 | * * * * | 4.19 | 4.12 | 4.09 | * * * * |
| 6. Did written assignments contribute to what you learned | 0 | 1 | 0 | 3 | 2 | 3 | 4 | 3.67 | 1142/1434 | 3.67 | 3.70 | 4.14 | 4.06 | 3.67 |
| 7. Was the grading system clearly explained | 0 | 3 | 0 | 0 | 3 | 3 | 4 | 4.10 | 971/1547 | 4.10 | 3.86 | 4.19 | 4.22 | 4.10 |
| 8. How many times was class cancelled | 0 | 0 | 0 | 0 | 0 | 5 | 8 | 4.62 | 987/1574 | 4.62 | 4.67 | 4.64 | 4.62 | 4.62 |
| 9. How would you grade the overall teaching effectiveness | 2 | 0 | 0 | 0 | 0 | 7 | 4 | 4.36 | 584/1554 | 4.36 | 4.16 | 4.10 | 4.05 | 4.36 |
| Lecture | | | | | | | | | | | | | | |
| 1. Were the instructor's lectures well prepared | 10 | 0 | 0 | 0 | 0 | 0 | З | 5 00 | ****/1488 | * * * * | 4.34 | 4.47 | 4.44 | * * * * |
| 2. Did the instructor seem interested in the subject | 10 | 0 | 0 | 0 | 0 | 0 | 3 | | ****/1493 | | 4.61 | 4.73 | 4.75 | * * * * |
| 3. Was lecture material presented and explained clearly | 10 | 0 | 0 | 0 | 0 | 0 | 3 | | ****/1486 | | 4.18 | 4.32 | 4.29 | * * * * |
| 4. Did the lectures contribute to what you learned | 10 | Ő | 0 | 0 | Õ | 1 | 2 | | ****/1489 | | 4.26 | 4.32 | 4.31 | * * * * |
| 5. Did audiovisual techniques enhance your understanding | 10 | 2 | 0 | 0 | 0 | 0 | 1 | | ****/1277 | | 4.48 | 4.03 | 4.01 | * * * * |
| ······································ | | | | | | | | | , | | | | | |
| Discussion | | | | | | | | | | | | | | |
| 1. Did class discussions contribute to what you learned | 11 | 0 | 0 | 0 | 0 | 0 | 2 | 5.00 | ****/1279 | * * * * | 4.06 | 4.17 | 4.14 | * * * * |
| 2. Were all students actively encouraged to participate | 12 | 0 | 0 | 0 | 0 | 0 | 1 | 5.00 | ****/1270 | * * * * | 4.59 | 4.35 | 4.30 | * * * * |
| 3. Did the instructor encourage fair and open discussion | 11 | 0 | 0 | 0 | 0 | 0 | 2 | 5.00 | ****/1269 | * * * * | 4.62 | 4.35 | 4.29 | * * * * |
| 4. Were special techniques successful | 11 | 0 | 0 | 0 | 0 | 0 | 2 | 5.00 | ****/ 878 | * * * * | 3.84 | 4.05 | 3.92 | * * * * |

| Credits Ea | arned | Cum. GPA | | Expecte | d Grades | Reasons | | Туре | | Majors | |
|------------|-------|-----------|---|---------|----------|---------------------|---|--------------|--------|----------------|---|
| 00-27 | 2 | 0.00-0.99 | 0 | A | 10 | Required for Majors | 0 | Graduate | 0 | Major | 5 |
| 28-55 | 3 | 1.00-1.99 | 0 | В | 2 | | | | | | |
| 56-83 | 2 | 2.00-2.99 | 1 | С | 0 | General | 3 | Under-grad | 13 | Non-major | 8 |
| 84-150 | 1 | 3.00-3.49 | 2 | D | 0 | | | | | | |
| Grad. | 0 | 3.50-4.00 | 6 | F | 0 | Electives | 1 | #### - Means | there | are not enough | |
| | | | | P | 0 | | | responses to | be sig | gnificant | |
| | | | | I | 0 | Other | 7 | | | | |
| | | | | ? | 0 | | | | | | |

Student Course Evaluation Questionnaire

| | | | Fre | equer | ncies | | | 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 | 3 | 12 | 4.80 | 243/1576 | 4.80 | 4.47 | 4.30 | 4.35 | 4.80 |
| 2. Did the instructor make clear the expected goals | 0 | 0 | 0 | 0 | 1 | 4 | 10 | 4.60 | 476/1576 | 4.60 | 4.21 | 4.27 | 4.32 | 4.60 |
| 3. Did the exam questions reflect the expected goals | 1 | 10 | 0 | 0 | 0 | 1 | 3 | 4.75 | 298/1342 | 4.75 | 4.56 | 4.32 | 4.41 | 4.75 |
| 4. Did other evaluations reflect the expected goals | 0 | 4 | 0 | 0 | 4 | 1 | б | 4.18 | 929/1520 | 4.18 | 4.29 | 4.25 | 4.26 | 4.18 |
| 5. Did assigned readings contribute to what you learned | 1 | 12 | 0 | 0 | 0 | 1 | 1 | 4.50 | ****/1465 | * * * * | 4.19 | 4.12 | 4.09 | * * * * |
| 6. Did written assignments contribute to what you learned | 0 | 1 | 0 | 0 | 3 | 4 | 7 | 4.29 | 647/1434 | 4.29 | 3.70 | 4.14 | 4.06 | 4.29 |
| 7. Was the grading system clearly explained | 1 | 2 | 0 | 0 | 1 | 6 | 5 | 4.33 | 755/1547 | 4.33 | 3.86 | 4.19 | 4.22 | 4.33 |
| 8. How many times was class cancelled | 2 | 0 | 0 | 0 | 0 | 1 | 12 | 4.92 | 375/1574 | 4.92 | 4.67 | 4.64 | 4.62 | 4.92 |
| 9. How would you grade the overall teaching effectiveness | 1 | 0 | 0 | 0 | 1 | 8 | 5 | 4.29 | 682/1554 | 4.29 | 4.16 | 4.10 | 4.05 | 4.29 |
| Lecture | | | | | | | | | | | | | | |
| 1. Were the instructor's lectures well prepared | 8 | 0 | 0 | 0 | 0 | 2 | 5 | 4.71 | 589/1488 | 4.71 | 4.34 | 4.47 | 4.44 | 4.71 |
| 2. Did the instructor seem interested in the subject | 8 | 0 | 0 | 0 | 0 | 1 | 6 | 4.86 | 683/1493 | 4.86 | 4.61 | 4.73 | 4.75 | 4.86 |
| 3. Was lecture material presented and explained clearly | 8 | 0 | 0 | 0 | 0 | 2 | 5 | 4.71 | 393/1486 | 4.71 | 4.18 | 4.32 | 4.29 | 4.71 |
| 4. Did the lectures contribute to what you learned | 9 | 0 | 0 | 0 | 0 | 1 | 5 | 4.83 | 274/1489 | 4.83 | 4.26 | 4.32 | 4.31 | 4.83 |
| 5. Did audiovisual techniques enhance your understanding | 9 | 3 | 0 | 0 | 0 | 1 | 2 | 4.67 | ****/1277 | * * * * | 4.48 | 4.03 | 4.01 | * * * * |
| Discussion | | | | | | | | | | | | | | |
| 1. Did class discussions contribute to what you learned | 10 | 0 | 0 | 0 | 0 | 2 | 3 | 4.60 | 381/1279 | 4.60 | 4.06 | 4.17 | 4.14 | 4.60 |
| 2. Were all students actively encouraged to participate | 10 | 0 | 0 | 0 | 0 | 1 | 4 | 4.80 | 355/1270 | 4.80 | 4.59 | 4.35 | 4.30 | 4.80 |
| 3. Did the instructor encourage fair and open discussion | 10 | 0 | 0 | 0 | 0 | 1 | 4 | 4.80 | 386/1269 | 4.80 | 4.62 | 4.35 | 4.29 | 4.80 |
| 4. Were special techniques successful | 10 | 0 | 0 | 0 | 0 | 2 | 3 | 4.60 | 187/ 878 | | 3.84 | 4.05 | 3.92 | 4.60 |

| Credits Ea | arned | Cum. GPA | | Expecte | d Grades | Reasons | | Туре | | Majors | |
|------------|-------|-----------|---|---------|----------|---------------------|----|--------------|--------|----------------|---|
| 00-27 | 1 | 0.00-0.99 | 0 | A | 14 | Required for Majors | 1 | Graduate | 0 | Major | 8 |
| 28-55 | 2 | 1.00-1.99 | 0 | В | 0 | | | | | | |
| 56-83 | 3 | 2.00-2.99 | 0 | С | 0 | General | 1 | Under-grad | 15 | Non-major | 7 |
| 84-150 | 1 | 3.00-3.49 | 2 | D | 0 | | | | | | |
| Grad. | 0 | 3.50-4.00 | 7 | F | 0 | Electives | 1 | #### - Means | there | are not enough | |
| | | | | P | 0 | | | responses to | be sig | gnificant | |
| | | | | I | 0 | Other | 11 | - | | | |
| | | | | ? | 0 | | | | | | |

Student Course Evaluation Questionnaire

| | | | Fre | equer | ncies | 5 | | 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 | 0 | 3 | 5.00 | 1/1576 | 5.00 | 4.47 | 4.30 | 4.35 | 5.00 |
| 2. Did the instructor make clear the expected goals | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 4.33 | 851/1576 | 4.33 | 4.21 | 4.27 | 4.32 | 4.33 |
| 4. Did other evaluations reflect the expected goals | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 5.00 | 1/1520 | 5.00 | 4.29 | 4.25 | 4.26 | 5.00 |
| 5. Did assigned readings contribute to what you learned | 0 | 2 | 0 | 0 | 0 | 0 | 1 | 5.00 | 1/1465 | 5.00 | 4.19 | 4.12 | 4.09 | 5.00 |
| 6. Did written assignments contribute to what you learned | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 4.50 | 398/1434 | 4.50 | 3.70 | 4.14 | 4.06 | 4.50 |
| 7. Was the grading system clearly explained | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 4.67 | 339/1547 | 4.67 | 3.86 | 4.19 | 4.22 | 4.67 |
| 8. How many times was class cancelled | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 4.67 | 911/1574 | 4.67 | 4.67 | 4.64 | 4.62 | 4.67 |
| 9. How would you grade the overall teaching effectiveness | 1 | 0 | 0 | 0 | 0 | 0 | 2 | 5.00 | 1/1554 | 5.00 | 4.16 | 4.10 | 4.05 | 5.00 |

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

Student Course Evaluation Questionnaire

| | | | Fre | equer | ncies | 5 | | Instr | uctor | 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 | 0 | 1 | 5.00 | 1/1576 | 5.00 | 4.47 | 4.30 | 4.35 | 5.00 |
| 2. Did the instructor make clear the expected goals | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 5.00 | 1/1576 | 5.00 | 4.21 | 4.27 | 4.32 | 5.00 |
| 4. Did other evaluations reflect the expected goals | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 5.00 | 1/1520 | 5.00 | 4.29 | 4.25 | 4.26 | 5.00 |
| 6. Did written assignments contribute to what you learned | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 5.00 | 1/1434 | 5.00 | 3.70 | 4.14 | 4.06 | 5.00 |
| 8. How many times was class cancelled | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 5.00 | 1/1574 | 5.00 | 4.67 | 4.64 | 4.62 | 5.00 |
| 9. How would you grade the overall teaching effectiveness | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 5.00 | 1/1554 | 5.00 | 4.16 | 4.10 | 4.05 | 5.00 |

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

Student Course Evaluation Questionnaire

| | | | Fre | equer | ncies | 5 | | 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 | 1 | 5 | 4.83 | 219/1576 | 4.83 | 4.47 | 4.30 | 4.35 | 4.83 |
| 2. Did the instructor make clear the expected goals | 0 | 0 | 1 | 0 | 0 | 0 | 5 | 4.33 | 851/1576 | 4.33 | 4.21 | 4.27 | 4.32 | 4.33 |
| 3. Did the exam questions reflect the expected goals | 0 | 5 | 0 | 0 | 0 | 0 | 1 | 5.00 | ****/1342 | * * * * | 4.56 | 4.32 | 4.41 | * * * * |
| 4. Did other evaluations reflect the expected goals | 0 | 1 | 0 | 0 | 1 | 1 | 3 | 4.40 | 683/1520 | 4.40 | 4.29 | 4.25 | 4.26 | 4.40 |
| 5. Did assigned readings contribute to what you learned | 0 | 5 | 0 | 0 | 0 | 0 | 1 | 5.00 | ****/1465 | * * * * | 4.19 | 4.12 | 4.09 | * * * * |
| 6. Did written assignments contribute to what you learned | 0 | 1 | 0 | 0 | 1 | 0 | 4 | 4.60 | 323/1434 | 4.60 | 3.70 | 4.14 | 4.06 | 4.60 |
| 7. Was the grading system clearly explained | 0 | 1 | 0 | 0 | 1 | 0 | 4 | 4.60 | 411/1547 | 4.60 | 3.86 | 4.19 | 4.22 | 4.60 |
| 8. How many times was class cancelled | 0 | 0 | 0 | 0 | 0 | 0 | б | 5.00 | 1/1574 | 5.00 | 4.67 | 4.64 | 4.62 | 5.00 |
| 9. How would you grade the overall teaching effectiveness | 1 | 0 | 0 | 0 | 0 | 1 | 4 | 4.80 | 160/1554 | 4.80 | 4.16 | 4.10 | 4.05 | 4.80 |
| T o shuun | | | | | | | | | | | | | | |
| Lecture | - | 0 | 0 | 0 | 0 | 0 | 1 | F 00 | ++++ /1 / 0 0 | * * * * | 1 21 | 4 47 | 4 4 4 | * * * * |
| 1. Were the instructor's lectures well prepared | 5 | 0 | 0 | 0 | 0 | 0 | 1 | | ****/1488 | | 4.34 | 4.47 | 4.44 | **** |
| Did the instructor seem interested in the subject Was lecture material presented and explained clearly | 5 5 | 0 | 0 | 0 | 0 | 0 | 1 | | ****/1493 ****/1486 | | 4.61 4.18 | 4.73 4.32 | 4.75 4.29 | **** |
| 4. Did the lectures contribute to what you learned | | 0 | 0 | 0 | 0 | 0 | 1 | | ****/1489 | | 4.18 | 4.32 | 4.29 | * * * * |
| - | 5 5 | 0 | 0 | 0 | 0 | 0 | 1 | | ****/1277 | | 4.20 | 4.32 | 4.31 | * * * * |
| 5. Did audiovisual techniques enhance your understanding | 5 | U | 0 | 0 | 0 | 0 | T | 5.00 | ****/12// | | 4.48 | 4.03 | 4.01 | |
| Discussion | | | | | | | | | | | | | | |
| 1. Did class discussions contribute to what you learned | 5 | 0 | 0 | 0 | 0 | 0 | 1 | 5.00 | ****/1279 | * * * * | 4.06 | 4.17 | 4.14 | * * * * |
| 2. Were all students actively encouraged to participate | 5 | Ő | 0 | 0 | 0 | 0 | 1 | | ****/1270 | | 4.59 | 4.35 | 4.30 | * * * * |
| 3. Did the instructor encourage fair and open discussion | 5 | Ő | 0 | 0 | 0 | 0 | 1 | | ****/1269 | | 4.62 | 4.35 | 4.29 | * * * * |
| 4. Were special techniques successful | 5 | Õ | 0 | 0 | 0 | 0 | 1 | | ****/ 878 | | 3.84 | 4.05 | 3.92 | * * * * |
| | 0 | Ũ | 2 | 2 | 2 | 2 | - | 2.00 | , 0,0 | | | 2.00 | 2.72 | |

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

Student Course Evaluation Questionnaire

| | | | Fre | equei | ncies | 5 | | 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 | 2 | 0 | 5 | 5 | 4.08 | 1100/1576 | 4.08 | 4.47 | 4.30 | 4.30 | 4.08 |
| 2. Did the instructor make clear the expected goals | 0 | 0 | 0 | 1 | 1 | 7 | 3 | 4.00 | 1138/1576 | 4.00 | 4.21 | 4.27 | 4.28 | 4.00 |
| 4. Did other evaluations reflect the expected goals | 0 | 8 | 1 | 1 | 1 | 1 | 0 | 2.50 | 1512/1520 | 2.50 | 4.29 | 4.25 | 4.25 | 2.50 |
| 5. Did assigned readings contribute to what you learned | 0 | 5 | 0 | 2 | 2 | 0 | 3 | 3.57 | 1218/1465 | 3.57 | 4.19 | 4.12 | 4.09 | 3.57 |
| 6. Did written assignments contribute to what you learned | 0 | 7 | 0 | 2 | 2 | 1 | 0 | 2.80 | 1402/1434 | 2.80 | 3.70 | 4.14 | 4.15 | 2.80 |
| 7. Was the grading system clearly explained | 0 | 2 | 0 | 2 | 3 | 2 | 3 | 3.60 | 1303/1547 | 3.60 | 3.86 | 4.19 | 4.21 | 3.60 |
| 8. How many times was class cancelled | 0 | 2 | 0 | 0 | 0 | 0 | 10 | 5.00 | 1/1574 | 5.00 | 4.67 | 4.64 | 4.61 | 5.00 |
| 9. How would you grade the overall teaching effectiveness | 3 | 0 | 1 | 0 | 3 | 3 | 2 | 3.56 | 1285/1554 | 3.56 | 4.16 | 4.10 | 4.09 | 3.56 |
| Lecture | | | | | | | | | | | | | | |
| 1. Were the instructor's lectures well prepared | 9 | 0 | 0 | 0 | 0 | 1 | 2 | 4.67 | 666/1488 | 4.67 | 4.34 | 4.47 | 4.47 | 4.67 |
| 2. Did the instructor seem interested in the subject | 9 | 0 | 0 | 0 | 0 | 1 | 2 | 4.67 | 1053/1493 | 4.67 | 4.61 | 4.73 | 4.70 | 4.67 |
| 3. Was lecture material presented and explained clearly | 9 | 0 | 0 | 0 | 0 | 1 | 2 | 4.67 | 468/1486 | 4.67 | 4.18 | 4.32 | 4.32 | 4.67 |
| 4. Did the lectures contribute to what you learned | 9 | 0 | 0 | 0 | 0 | 1 | 2 | 4.67 | 500/1489 | 4.67 | 4.26 | 4.32 | 4.34 | 4.67 |
| 5. Did audiovisual techniques enhance your understanding | 9 | 2 | 0 | 0 | 0 | 1 | 0 | 4.00 | ****/1277 | * * * * | 4.48 | 4.03 | 4.11 | * * * * |

| Credits | Earned | Cum. GPA | | Expected | Grades | Reasons | | Туре | | Majors | |
|---------|--------|-----------|---|----------|--------|---------------------|---|--------------|--------|----------------|-------|
| 00-27 | 0 | 0.00-0.99 | 0 | A | 7 | Required for Majors | 0 | Graduate | 0 | Major | 7 |
| 28-55 | 0 | 1.00-1.99 | 0 | В | 4 | | | | | | |
| 56-83 | 3 | 2.00-2.99 | 0 | С | 0 | General | 8 | Under-grad | 12 | Non-major | 5 |
| 84-150 | 3 | 3.00-3.49 | 1 | D | 0 | | | | | | |
| Grad. | 0 | 3.50-4.00 | 3 | F | 0 | Electives | 1 | #### - Means | there | are not enough | |
| | | | | P | 0 | | | responses to | be sig | nificant | |
| | | | | I | 0 | Other | 2 | | | | |
| | | | | ? | 0 | | | | | | |

Student Course Evaluation Questionnaire

| | | | Fre | equer | ncies | 5 | | 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 | 0 | 5 | 1 | 0 | 2.86 | 1553/1576 | 2.86 | 4.47 | 4.30 | 4.30 | 2.86 |
| 2. Did the instructor make clear the expected goals | 0 | 0 | 3 | 0 | 2 | 2 | 0 | 2.43 | 1569/1576 | 2.43 | 4.21 | 4.27 | 4.28 | 2.43 |
| 3. Did the exam questions reflect the expected goals | 0 | б | 0 | 0 | 1 | 0 | 0 | 3.00 | ****/1342 | * * * * | 4.56 | 4.32 | 4.30 | * * * * |
| 4. Did other evaluations reflect the expected goals | 0 | 0 | 3 | 1 | 1 | 2 | 0 | 2.29 | 1516/1520 | 2.29 | 4.29 | 4.25 | 4.25 | 2.29 |
| 5. Did assigned readings contribute to what you learned | 0 | б | 0 | 0 | 1 | 0 | 0 | 3.00 | ****/1465 | * * * * | 4.19 | 4.12 | 4.09 | * * * * |
| 6. Did written assignments contribute to what you learned | 0 | 0 | 3 | 1 | 1 | 2 | 0 | 2.29 | 1429/1434 | 2.29 | 3.70 | 4.14 | 4.15 | 2.29 |
| 7. Was the grading system clearly explained | 0 | 0 | 5 | 0 | 1 | 1 | 0 | 1.71 | 1543/1547 | 1.71 | 3.86 | 4.19 | 4.21 | 1.71 |
| 8. How many times was class cancelled | 0 | 0 | 0 | 0 | 0 | 1 | б | 4.86 | 567/1574 | 4.86 | 4.67 | 4.64 | 4.61 | 4.86 |
| 9. How would you grade the overall teaching effectiveness | 0 | 0 | 2 | 1 | 4 | 0 | 0 | 2.29 | 1540/1554 | 2.29 | 4.16 | 4.10 | 4.09 | 2.29 |
| Lecture | | | | | | | | | | | | | | |
| 2. Did the instructor seem interested in the subject | 5 | 0 | 0 | 0 | 0 | 1 | 1 | 4.50 | 1210/1493 | 4.50 | 4.61 | 4.73 | 4.70 | 4.50 |
| 5. Did audiovisual techniques enhance your understanding | б | 0 | 0 | 0 | 1 | 0 | 0 | 3.00 | ****/1277 | * * * * | 4.48 | 4.03 | 4.11 | * * * * |

| Credits E | arned | Cum. GPA | L | Expected | Grades | Reasons | | Туре | | Majors | |
|-----------|-------|-----------|---|----------|--------|---------------------|---|--------------|--------|----------------|----|
| 00-27 | 1 | 0.00-0.99 | 0 | A | 2 | Required for Majors | 0 | Graduate | 0 | Major | 3 |
| 28-55 | 0 | 1.00-1.99 | 0 | В | 4 | | | | | | |
| 56-83 | 0 | 2.00-2.99 | 0 | С | 0 | General | 1 | Under-grad | 7 | Non-major | 4 |
| 84-150 | 3 | 3.00-3.49 | 2 | D | 0 | | | | | | |
| Grad. | 0 | 3.50-4.00 | 2 | F | 0 | Electives | 1 | #### - Means | there | are not enough | i. |
| | | | | P | 0 | | | responses to | be sig | gnificant | |
| | | | | I | 0 | Other | 3 | | | | |
| | | | | ? | 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 | 0 | 1 | 11 | 4.92 | 146/1576 | 4.92 | 4.47 | 4.30 | 4.30 | 4.92 |
| 2. Did the instructor make clear the expected goals | 0 | 0 | 0 | 0 | 0 | 3 | 9 | 4.75 | 279/1576 | 4.75 | 4.21 | 4.27 | 4.28 | 4.75 |
| 3. Did the exam questions reflect the expected goals | 0 | 8 | 0 | 0 | 0 | 1 | 3 | 4.75 | 298/1342 | 4.75 | 4.56 | 4.32 | 4.30 | 4.75 |
| 4. Did other evaluations reflect the expected goals | 0 | 5 | 0 | 0 | 0 | 2 | 5 | 4.71 | 291/1520 | 4.71 | 4.29 | 4.25 | 4.25 | 4.71 |
| 6. Did written assignments contribute to what you learned | 0 | 4 | 1 | 0 | 1 | 4 | 2 | 3.75 | 1093/1434 | 3.75 | 3.70 | 4.14 | 4.15 | 3.75 |
| 7. Was the grading system clearly explained | 0 | 1 | 1 | 0 | 1 | 4 | 5 | 4.09 | 978/1547 | 4.09 | 3.86 | 4.19 | 4.21 | 4.09 |
| 8. How many times was class cancelled | 0 | 0 | 0 | 0 | 0 | 10 | 2 | 4.17 | 1386/1574 | 4.17 | 4.67 | 4.64 | 4.61 | 4.17 |
| 9. How would you grade the overall teaching effectiveness | 1 | 0 | 0 | 0 | 0 | 1 | 10 | 4.91 | 116/1554 | 4.91 | 4.16 | 4.10 | 4.09 | 4.91 |
| Lecture | | | | | | | | | | | | | | |
| 1. Were the instructor's lectures well prepared | 9 | 0 | 0 | 0 | 0 | 0 | 3 | 5.00 | 1/1488 | 5.00 | 4.34 | 4.47 | 4.47 | 5.00 |
| 2. Did the instructor seem interested in the subject | 9 | 0 | 0 | 0 | 0 | 0 | 3 | 5.00 | 1/1493 | 5.00 | 4.61 | 4.73 | 4.70 | 5.00 |
| 3. Was lecture material presented and explained clearly | 9 | 0 | 0 | 0 | 0 | 1 | 2 | 4.67 | 468/1486 | 4.67 | 4.18 | 4.32 | 4.32 | 4.67 |
| 4. Did the lectures contribute to what you learned | 9 | 0 | 0 | 0 | 0 | 1 | 2 | 4.67 | 500/1489 | 4.67 | 4.26 | 4.32 | 4.34 | 4.67 |
| Discussion | | | | | | | | | | | | | | |
| 1. Did class discussions contribute to what you learned | 10 | 0 | 0 | 0 | 0 | 0 | 2 | 5 00 | ****/1279 | * * * * | 4.06 | 4.17 | 4.20 | * * * * |
| 2. Were all students actively encouraged to participate | 10 | 0 | 0 | 0 | 0 | 0 | 2 | | ****/1270 | | 4.59 | 4.35 | 4.42 | * * * * |
| 3. Did the instructor encourage fair and open discussion | 11 | 0 | 0 | 0 | 0 | 0 | 1 | | ****/1269 | | 4.62 | 4.35 | 4.41 | * * * * |
| 3. Did the instructor encourage fair and open discussion | т <u>т</u> | 0 | 0 | U | 0 | 0 | Ŧ | 5.00 | /1209 | | 4.02 | 4.35 | 4.41 | |

| Credits Ea | arned | Cum. GPA | | Expected | l Grades | Reasons | | Туре | | Majors | |
|------------|-------|-----------|---|----------|----------|---------------------|----|--------------|--------|----------------|---|
| 00-27 | 2 | 0.00-0.99 | 0 | А | 9 | Required for Majors | 0 | Graduate | 0 | Major | 7 |
| 28-55 | 2 | 1.00-1.99 | 0 | В | 2 | | | | | | |
| 56-83 | 1 | 2.00-2.99 | 1 | С | 0 | General | 1 | Under-grad | 12 | Non-major | 5 |
| 84-150 | 1 | 3.00-3.49 | 3 | D | 0 | | | | | | |
| Grad. | 0 | 3.50-4.00 | 4 | F | 0 | Electives | 1 | #### - Means | there | are not enough | |
| | | | | P | 0 | | | responses to | be sig | gnificant | |
| | | | | I | 0 | Other | 10 | | | | |
| | | | | ? | 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 | 0 | 3 | 11 | 4.79 | 266/1576 | 4.79 | 4.47 | 4.30 | 4.30 | 4.79 |
| 2. Did the instructor make clear the expected goals | 0 | 0 | 0 | 0 | 1 | 5 | 8 | 4.50 | 608/1576 | 4.50 | 4.21 | 4.27 | 4.28 | 4.50 |
| 3. Did the exam questions reflect the expected goals | 0 | 11 | 0 | 0 | 0 | 0 | 3 | 5.00 | ****/1342 | * * * * | 4.56 | 4.32 | 4.30 | * * * * |
| 4. Did other evaluations reflect the expected goals | 0 | 5 | 0 | 0 | 0 | 0 | 9 | 5.00 | 1/1520 | 5.00 | 4.29 | 4.25 | 4.25 | 5.00 |
| 6. Did written assignments contribute to what you learned | 0 | 4 | 2 | 0 | 2 | 5 | 1 | 3.30 | 1301/1434 | 3.30 | 3.70 | 4.14 | 4.15 | 3.30 |
| 7. Was the grading system clearly explained | 0 | 2 | 1 | 1 | 3 | 3 | 4 | 3.67 | 1276/1547 | 3.67 | 3.86 | 4.19 | 4.21 | 3.67 |
| 8. How many times was class cancelled | 0 | 0 | 0 | 0 | 0 | 13 | 1 | 4.07 | 1434/1574 | 4.07 | 4.67 | 4.64 | 4.61 | 4.07 |
| 9. How would you grade the overall teaching effectiveness | 1 | 0 | 0 | 0 | 0 | 3 | 10 | 4.77 | 187/1554 | 4.77 | 4.16 | 4.10 | 4.09 | 4.77 |
| Lecture | | | | | | | | | | | | | | |
| 1. Were the instructor's lectures well prepared | 7 | 0 | 0 | 0 | 0 | 0 | 7 | 5.00 | 1/1488 | 5.00 | 4.34 | 4.47 | 4.47 | 5.00 |
| 2. Did the instructor seem interested in the subject | 7 | 0 | 0 | 0 | 0 | 0 | 7 | 5.00 | 1/1493 | 5.00 | 4.61 | 4.73 | 4.70 | 5.00 |
| 3. Was lecture material presented and explained clearly | 7 | 0 | 0 | 0 | 0 | 1 | б | 4.86 | 221/1486 | 4.86 | 4.18 | 4.32 | 4.32 | 4.86 |
| 4. Did the lectures contribute to what you learned | 7 | 0 | 0 | 0 | 0 | 0 | 7 | 5.00 | 1/1489 | 5.00 | 4.26 | 4.32 | 4.34 | 5.00 |
| 5. Did audiovisual techniques enhance your understanding | 7 | 5 | 0 | 0 | 0 | 0 | 2 | 5.00 | ****/1277 | **** | 4.48 | 4.03 | 4.11 | * * * * |
| | | | | | | | | | | | | | | |
| Discussion | 10 | 0 | 0 | 0 | 0 | 0 | 1 | F 00 | ++++ /1070 | **** | 1 00 | 4 1 77 | 4 00 | * * * * |
| 1. Did class discussions contribute to what you learned | 13 | 0 | U | 0 | 0 | 0 | T | | ****/1279 | | 4.06 | 4.17 | 4.20 | **** |
| 2. Were all students actively encouraged to participate | 13 | 0 | 0 | 0 | 0 | T | 0 | | ****/1270 | | 4.59 | 4.35 | 4.42 | **** |
| 3. Did the instructor encourage fair and open discussion | 13 | 0 | U | U | U | 0 | T | 5.00 | ****/1269 | ~ ~ * * * | 4.62 | 4.35 | 4.41 | ^ ^ * * |

| Credits E | arned | Cum. GPA | L | Expected | Grades | Reasons | | Туре | | Majors | |
|-----------|-------|-----------|---|----------|--------|---------------------|----|--------------|-------|---------------|----|
| 00-27 | 1 | 0.00-0.99 | 0 | A | 9 | Required for Majors | 0 | Graduate | 0 | Major | 10 |
| 28-55 | б | 1.00-1.99 | 0 | В | 2 | | | | | | |
| 56-83 | 1 | 2.00-2.99 | 0 | С | 0 | General | 1 | Under-grad | 14 | Non-major | 4 |
| 84-150 | 1 | 3.00-3.49 | 3 | D | 0 | | | | | | |
| Grad. | 0 | 3.50-4.00 | 7 | F | 0 | Electives | 0 | #### - Means | there | are not enoug | h |
| | | | | P | 0 | | | responses to | be si | gnificant | |
| | | | | I | 0 | Other | 13 | | | | |
| | | | | ? | 2 | | | | | | |

Student Course Evaluation Questionnaire

| | | | | - | ncies | 5 | _ | | 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 | 3 | 5 | 4.44 | 727/1576 | 4.44 | 4.47 | 4.30 | 4.30 | 4.44 |
| 2. Did the instructor make clear the expected goals | 0 | 0 | 0 | 2 | 4 | 1 | 2 | 3.33 | 1463/1576 | 3.33 | 4.21 | 4.27 | 4.28 | 3.33 |
| 4. Did other evaluations reflect the expected goals | 0 | 0 | 0 | 0 | 4 | 3 | 2 | 3.78 | 1246/1520 | 3.78 | 4.29 | 4.25 | 4.25 | 3.78 |
| 5. Did assigned readings contribute to what you learned | 0 | б | 0 | 1 | 0 | 1 | 1 | 3.67 | 1166/1465 | 3.67 | 4.19 | 4.12 | 4.09 | 3.67 |
| 6. Did written assignments contribute to what you learned | 1 | 1 | 1 | 0 | 1 | 3 | 2 | 3.71 | 1117/1434 | 3.71 | 3.70 | 4.14 | 4.15 | 3.71 |
| 7. Was the grading system clearly explained | 0 | 1 | 1 | 0 | 5 | 2 | 0 | 3.00 | 1459/1547 | 3.00 | 3.86 | 4.19 | 4.21 | 3.00 |
| 8. How many times was class cancelled | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 5.00 | 1/1574 | 5.00 | 4.67 | 4.64 | 4.61 | 5.00 |
| 9. How would you grade the overall teaching effectiveness | 0 | 0 | 0 | 0 | 3 | 5 | 1 | 3.78 | 1152/1554 | 3.78 | 4.16 | 4.10 | 4.09 | 3.78 |
| T o skuuro | | | | | | | | | | | | | | |
| Lecture 1. Were the instructor's lectures well prepared | 4 | 0 | 0 | 0 | 1 | 2 | 1 | 1 00 | 1233/1488 | 4.00 | 4.34 | 4.47 | 4.47 | 4.00 |
| 2. Did the instructor seem interested in the subject | 4 | 0 | 0 | 0 | 0 | 3 | 1 2 | | 1286/1493 | 4.00 | 4.54 | 4.47 | 4.47 | 4.00 |
| 3. Was lecture material presented and explained clearly | 4 | 0 | 0 | 0 | 1 | 3 | 2 | | 1392/1493 | 4.40 3.20 | 4.61 | 4.73 | 4.70 | 4.40 3.20 |
| 4. Did the lectures contribute to what you learned | 4 | 0 | 0 | 1 | 4 2 | 1 | 1 | | 1345/1489 | 3.40 | 4.10 | 4.32 | | 3.40 |
| 5. Did audiovisual techniques enhance your understanding | - 6 | 2 | 0 | 1 | 0 | 0 | 0 | | ****/1277 | | 4.48 | 4.03 | 4.11 | **** |
| 5. Did addiovistal techniques enhance your understanding | 0 | 2 | 0 | Ŧ | 0 | 0 | 0 | 2.00 | /12// | | 1.10 | 1.05 | 1.11 | |
| Discussion | | | | | | | | | | | | | | |
| 1. Did class discussions contribute to what you learned | 5 | 0 | 0 | 0 | 0 | 1 | 3 | 4.75 | 262/1279 | 4.75 | 4.06 | 4.17 | 4.20 | 4.75 |
| 2. Were all students actively encouraged to participate | б | 0 | 0 | 0 | 0 | 1 | 2 | 4.67 | 505/1270 | 4.67 | 4.59 | 4.35 | 4.42 | 4.67 |
| 3. Did the instructor encourage fair and open discussion | 6 | 0 | 0 | 0 | 0 | 0 | 3 | 5.00 | 1/1269 | 5.00 | 4.62 | 4.35 | 4.41 | 5.00 |
| Laboratory | | | | | | | | | | | | | | |
| 1. Did the lab increase understanding of the material | Q | 0 | 0 | 0 | 0 | 1 | 0 | 4 00 | ****/ 234 | * * * * | * * * * | 4 23 | 4.24 | * * * * |
| 3. Were necessary materials available for lab activities | 8 | 0 | 0 | 1 | 0 | 0 | 0 | | ****/ 229 | * * * * | | 4.51 | 4.48 | |
| 4. Did the lab instructor provide assistance | 8 | 0 | 0 | 0 | 0 | 1 | 0 | | ****/ 232 | | * * * * | | | * * * * |
| 4. Did the lab instructor provide assistance | 0 | 0 | 0 | 0 | 0 | T | 0 | 1.00 | / 252 | | | 1.27 | 1.10 | |
| Field Work | | | | | | | | | | | | | | |
| 1. Did field experience contribute to what you learned | 8 | 0 | 0 | 0 | 0 | 1 | 0 | 4.00 | ****/ 52 | * * * * | * * * * | 4.48 | 4.37 | * * * * |
| 2. Did you clearly understand your evaluation criteria | 8 | 0 | 0 | 1 | 0 | 0 | 0 | | ****/ 48 | * * * * | | 4.40 | 3.92 | * * * * |
| 5. Did conferences help you carry out field activities | 8 | 0 | 0 | 1 | 0 | 0 | 0 | 2.00 | ****/ 326 | * * * * | * * * * | 4.03 | 4.23 | * * * * |

| Credits E | arned | Cum. GPA | | Expected | l Grades | Reasons | | Туре | | Majors | |
|-----------|-------|-----------|---|----------|----------|---------------------|---|--------------|--------|----------------|---|
| 00-27 | 0 | 0.00-0.99 | 0 | A | 7 | Required for Majors | 0 | Graduate | 0 | Major | 6 |
| 28-55 | 2 | 1.00-1.99 | 0 | В | 2 | | | | | | |
| 56-83 | 3 | 2.00-2.99 | 0 | С | 0 | General | 1 | Under-grad | 9 | Non-major | 3 |
| 84-150 | 0 | 3.00-3.49 | 0 | D | 0 | | | | | | |
| Grad. | 0 | 3.50-4.00 | 6 | F | 0 | Electives | 0 | #### - Means | there | are not enough | |
| | | | | Р | 0 | | | responses to | be sig | gnificant | |
| | | | | I | 0 | Other | 8 | | | | |
| | | | | ? | 0 | | | | | | |

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 | 0 | 0 | 0 | 0 | 9 | 5.00 | 1/1576 | 5.00 | 4.47 | 4.30 | 4.30 | 5.00 |
| 2. Did the instructor make clear the expected goals | 1 | 0 | 0 | 0 | 0 | 2 | 6 | 4.75 | 279/1576 | | 4.21 | 4.27 | 4.28 | 4.75 |
| 3. Did the exam questions reflect the expected goals | 0 | 8 | 0 | 0 | 0 | 0 | 1 | 5.00 | ****/1342 | * * * * | 4.56 | 4.32 | 4.30 | * * * * |
| 4. Did other evaluations reflect the expected goals | 0 | 4 | 0 | 0 | 0 | 1 | 4 | 4.80 | 197/1520 | 4.80 | 4.29 | 4.25 | 4.25 | 4.80 |
| 5. Did assigned readings contribute to what you learned | 0 | 8 | 0 | 0 | 0 | 0 | 1 | 5.00 | ****/1465 | * * * * | 4.19 | 4.12 | 4.09 | * * * * |
| 6. Did written assignments contribute to what you learned | 0 | 8 | 0 | 0 | 0 | 0 | 1 | 5.00 | ****/1434 | * * * * | 3.70 | 4.14 | 4.15 | * * * * |
| 7. Was the grading system clearly explained | 0 | 0 | 0 | 1 | 1 | 3 | 4 | 4.11 | 963/1547 | 4.11 | 3.86 | 4.19 | 4.21 | 4.11 |
| 8. How many times was class cancelled | 0 | 0 | 0 | 0 | 0 | 4 | 5 | 4.56 | 1041/1574 | 4.56 | 4.67 | 4.64 | 4.61 | 4.56 |
| 9. How would you grade the overall teaching effectiveness | 1 | 0 | 0 | 0 | 0 | 3 | 5 | 4.63 | 298/1554 | 4.63 | 4.16 | 4.10 | 4.09 | 4.63 |
| Lecture | | | | | | | | | | | | | | |
| 1. Were the instructor's lectures well prepared | 5 | 0 | 0 | 0 | 0 | 0 | 4 | 5.00 | 1/1488 | 5.00 | 4.34 | 4.47 | 4.47 | 5.00 |
| 2. Did the instructor seem interested in the subject | 5 | 0 | 0 | 0 | 0 | 0 | 4 | 5.00 | 1/1493 | 5.00 | 4.61 | 4.73 | 4.70 | 5.00 |
| 3. Was lecture material presented and explained clearly | 5 | 0 | 0 | 0 | 0 | 0 | 4 | 5.00 | 1/1486 | 5.00 | 4.18 | 4.32 | 4.32 | 5.00 |
| 4. Did the lectures contribute to what you learned | 5 | 0 | 0 | 0 | 0 | 0 | 4 | 5.00 | 1/1489 | 5.00 | 4.26 | 4.32 | 4.34 | 5.00 |
| 5. Did audiovisual techniques enhance your understanding | 5 | 0 | 0 | 0 | 0 | 0 | 4 | 5.00 | 1/1277 | 5.00 | 4.48 | 4.03 | 4.11 | 5.00 |

| Credits E | arned | Cum. GPA | L | Expected | l Grades | Reasons | | Туре | | Majors | |
|-----------|-------|-----------|---|----------|----------|---------------------|---|--------------|--------|----------------|---|
| 00-27 | 0 | 0.00-0.99 | 0 | A | 6 | Required for Majors | 0 | Graduate | 0 | Major | 9 |
| 28-55 | 1 | 1.00-1.99 | 0 | В | 0 | | | | | | |
| 56-83 | 0 | 2.00-2.99 | 0 | С | 0 | General | 0 | Under-grad | 9 | Non-major | 0 |
| 84-150 | 3 | 3.00-3.49 | 1 | D | 0 | | | | | | |
| Grad. | 0 | 3.50-4.00 | 3 | F | 0 | Electives | 0 | #### - Means | there | are not enough | 1 |
| | | | | P | 0 | | | responses to | be sig | gnificant | |
| | | | | I | 0 | Other | 6 | | | | |
| | | | | ? | 0 | | | | | | |

Student Course Evaluation Questionnaire

| | | | Fre | equei | ncies | 5 | | 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 | 1 | 1 | 3.67 | 1383/1576 | 3.67 | 4.47 | 4.30 | 4.30 | 3.67 |
| 2. Did the instructor make clear the expected goals | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 3.33 | 1463/1576 | 3.33 | 4.21 | 4.27 | 4.28 | 3.33 |
| 4. Did other evaluations reflect the expected goals | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 5.00 | 1/1520 | 5.00 | 4.29 | 4.25 | 4.25 | 5.00 |
| 5. Did assigned readings contribute to what you learned | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 4.00 | 850/1465 | 4.00 | 4.19 | 4.12 | 4.09 | 4.00 |
| 6. Did written assignments contribute to what you learned | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 4.00 | 878/1434 | 4.00 | 3.70 | 4.14 | 4.15 | 4.00 |
| 7. Was the grading system clearly explained | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 4.00 | 1041/1547 | 4.00 | 3.86 | 4.19 | 4.21 | 4.00 |
| 8. How many times was class cancelled | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 4.00 | 1459/1574 | 4.00 | 4.67 | 4.64 | 4.61 | 4.00 |
| 9. How would you grade the overall teaching effectiveness | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 3.67 | 1227/1554 | 3.67 | 4.16 | 4.10 | 4.09 | 3.67 |
| Lecture | | | | | | | | | | | | | | |
| 1. Were the instructor's lectures well prepared | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 4.00 | 1233/1488 | 4.00 | 4.34 | 4.47 | 4.47 | 4.00 |
| 2. Did the instructor seem interested in the subject | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 3.50 | 1473/1493 | 3.50 | 4.61 | 4.73 | 4.70 | 3.50 |
| 3. Was lecture material presented and explained clearly | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 3.00 | 1421/1486 | 3.00 | 4.18 | 4.32 | 4.32 | 3.00 |
| 4. Did the lectures contribute to what you learned | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 3.00 | 1415/1489 | 3.00 | 4.26 | 4.32 | 4.34 | 3.00 |
| 5. Did audiovisual techniques enhance your understanding | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 5.00 | 1/1277 | 5.00 | 4.48 | 4.03 | 4.11 | 5.00 |

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

Student Course Evaluation Questionnaire

| | | | Fre | equer | ncies | 5 | | 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 | 0 | 2 | 5.00 | 1/1576 | 5.00 | 4.47 | 4.30 | 4.46 | 5.00 |
| 2. Did the instructor make clear the expected goals | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 4.50 | 608/1576 | 4.50 | 4.21 | 4.27 | 4.35 | 4.50 |
| 3. Did the exam questions reflect the expected goals | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 5.00 | 1/1342 | 5.00 | 4.56 | 4.32 | 4.46 | 5.00 |
| 4. Did other evaluations reflect the expected goals | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 4.50 | 511/1520 | 4.50 | 4.29 | 4.25 | 4.38 | 4.50 |
| 5. Did assigned readings contribute to what you learned | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 5.00 | 1/1465 | 5.00 | 4.19 | 4.12 | 4.22 | 5.00 |
| 6. Did written assignments contribute to what you learned | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 4.00 | 878/1434 | 4.00 | 3.70 | 4.14 | 4.30 | 4.00 |
| 7. Was the grading system clearly explained | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 4.00 | 1041/1547 | 4.00 | 3.86 | 4.19 | 4.24 | 4.00 |
| 8. How many times was class cancelled | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 5.00 | 1/1574 | 5.00 | 4.67 | 4.64 | 4.69 | 5.00 |
| 9. How would you grade the overall teaching effectiveness | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 4.00 | 924/1554 | 4.00 | 4.16 | 4.10 | 4.24 | 4.00 |
| Lecture | | | | | | | | | | | | | | |
| 1. Were the instructor's lectures well prepared | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 3.00 | 1452/1488 | 3.00 | 4.34 | 4.47 | 4.55 | 3.00 |
| 2. Did the instructor seem interested in the subject | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 4.00 | 1411/1493 | 4.00 | 4.61 | 4.73 | 4.80 | 4.00 |
| 3. Was lecture material presented and explained clearly | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 4.00 | 1101/1486 | 4.00 | 4.18 | 4.32 | 4.41 | 4.00 |
| 4. Did the lectures contribute to what you learned | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 4.00 | 1118/1489 | 4.00 | 4.26 | 4.32 | 4.38 | 4.00 |

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

Student Course Evaluation Questionnaire

| | | | Fre | equer | ncies | 5 | | 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 | 1 | 4 | 4.80 | 243/1576 | 4.80 | 4.47 | 4.30 | 4.46 | 4.80 |
| 2. Did the instructor make clear the expected goals | 0 | 0 | 0 | 0 | 0 | 2 | 3 | 4.60 | 476/1576 | 4.60 | 4.21 | 4.27 | 4.35 | 4.60 |
| 4. Did other evaluations reflect the expected goals | 0 | 3 | 0 | 0 | 0 | 1 | 1 | 4.50 | 511/1520 | 4.50 | 4.29 | 4.25 | 4.38 | 4.50 |
| 6. Did written assignments contribute to what you learned | 0 | 0 | 2 | 0 | 2 | 0 | 1 | 2.60 | 1411/1434 | 2.60 | 3.70 | 4.14 | 4.30 | 2.60 |
| 7. Was the grading system clearly explained | 0 | 1 | 0 | 2 | 0 | 0 | 2 | 3.50 | 1347/1547 | 3.50 | 3.86 | 4.19 | 4.24 | 3.50 |
| 8. How many times was class cancelled | 1 | 0 | 0 | 0 | 0 | 0 | 4 | 5.00 | 1/1574 | 5.00 | 4.67 | 4.64 | 4.69 | 5.00 |
| 9. How would you grade the overall teaching effectiveness | 0 | 0 | 0 | 0 | 0 | 2 | 3 | 4.60 | 316/1554 | 4.60 | 4.16 | 4.10 | 4.24 | 4.60 |
| Lecture | | | | | | | | | | | | | | |
| 1. Were the instructor's lectures well prepared | 2 | 0 | 0 | 0 | 0 | 2 | 1 | 4.33 | 1048/1488 | 4.33 | 4.34 | 4.47 | 4.55 | 4.33 |
| 2. Did the instructor seem interested in the subject | 2 | 0 | 0 | 0 | 0 | 1 | 2 | 4.67 | 1053/1493 | 4.67 | 4.61 | 4.73 | 4.80 | 4.67 |
| 3. Was lecture material presented and explained clearly | 2 | 0 | 0 | 0 | 1 | 1 | 1 | 4.00 | 1101/1486 | 4.00 | 4.18 | 4.32 | 4.41 | 4.00 |
| 4. Did the lectures contribute to what you learned | 2 | 0 | 0 | 0 | 0 | 1 | 2 | 4.67 | 500/1489 | 4.67 | 4.26 | 4.32 | 4.38 | 4.67 |
| Discussion | | | | | | | | | | | | | | |
| 1. Did class discussions contribute to what you learned | 4 | 0 | 0 | 0 | 1 | 0 | 0 | 3.00 | ****/1279 | * * * * | 4.06 | 4.17 | 4.31 | * * * * |
| 2. Were all students actively encouraged to participate | 4 | 0 | 0 | 0 | 0 | 0 | 1 | 5.00 | ****/1270 | * * * * | 4.59 | 4.35 | 4.53 | * * * * |

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

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 | 0 | 0 | 2 | 1 | 3 | 4.17 | 1042/1576 | 4.17 | 4.47 | 4.30 | 4.46 | 4.17 |
| 2. Did the instructor make clear the expected goals | 0 | 0 | 0 | 0 | 1 | 3 | 2 | 4.17 | 1023/1576 | 4.17 | 4.21 | 4.27 | 4.35 | 4.17 |
| 3. Did the exam questions reflect the expected goals | 0 | 5 | 0 | 0 | 0 | 0 | 1 | 5.00 | ****/1342 | * * * * | 4.56 | 4.32 | 4.46 | * * * * |
| 4. Did other evaluations reflect the expected goals | 0 | 3 | 0 | 0 | 0 | 1 | 2 | 4.67 | 339/1520 | 4.67 | 4.29 | 4.25 | 4.38 | 4.67 |
| 6. Did written assignments contribute to what you learned | 0 | 0 | 2 | 1 | 1 | 0 | 2 | 2.83 | 1399/1434 | 2.83 | 3.70 | 4.14 | 4.30 | 2.83 |
| 7. Was the grading system clearly explained | 0 | 0 | 0 | 0 | 2 | 1 | 3 | 4.17 | 924/1547 | 4.17 | 3.86 | 4.19 | 4.24 | 4.17 |
| 8. How many times was class cancelled | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 4.00 | 1459/1574 | 4.00 | 4.67 | 4.64 | 4.69 | 4.00 |
| 9. How would you grade the overall teaching effectiveness | 0 | 0 | 0 | 0 | 0 | 5 | 1 | 4.17 | 805/1554 | 4.17 | 4.16 | 4.10 | 4.24 | 4.17 |
| Lecture | | | | | | | | | | | | | | |
| 1. Were the instructor's lectures well prepared | 5 | 0 | 0 | 0 | 1 | 0 | 0 | 3.00 | ****/1488 | * * * * | 4.34 | 4.47 | 4.55 | * * * * |
| 2. Did the instructor seem interested in the subject | 5 | 0 | 0 | 0 | 0 | 1 | 0 | 4.00 | ****/1493 | * * * * | 4.61 | 4.73 | 4.80 | * * * * |
| 3. Was lecture material presented and explained clearly | 5 | 0 | 1 | 0 | 0 | 0 | 0 | 1.00 | ****/1486 | * * * * | 4.18 | 4.32 | 4.41 | * * * * |
| 4. Did the lectures contribute to what you learned | 5 | 0 | 0 | 0 | 0 | 1 | 0 | 4.00 | ****/1489 | * * * * | 4.26 | 4.32 | 4.38 | * * * * |
| 5. Did audiovisual techniques enhance your understanding | 5 | 0 | 0 | 1 | 0 | 0 | 0 | 2.00 | ****/1277 | * * * * | 4.48 | 4.03 | 4.04 | * * * * |

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