### Student Course Evaluation Questionnaire

#### General

1. Did you gain new insights, skills from this course
   - NR 0, NA 0, 1 0, 2 0, 3 0, 4 0, 5 9
   - Mean 5.00, Rank 1/1447, Mean 4.63, Mean 4.31, Mean 4.18, Mean 5.00

2. Did the instructor make clear the expected goals
   - NR 0, NA 0, 1 2, 2 7
   - Mean 4.78, Rank 228/1447, Mean 4.53, Mean 4.34, Mean 4.27, Mean 4.30, Mean 4.78

3. Did the exam questions reflect the expected goals
   - NR 0, NA 0, 1 0, 2 1
   - Mean 4.89, Rank 159/1241, Mean 4.54, Mean 4.48, Mean 4.33, Mean 4.25, Mean 4.89

4. Did other evaluations reflect the expected goals
   - NR 0, NA 0, 1 1, 2 0
   - Mean 4.63, Rank 358/1402, Mean 4.35, Mean 4.36, Mean 4.24, Mean 4.15, Mean 4.63

5. Did assigned readings contribute to what you learned
   - NR 0, NA 0, 1 0, 2 0
   - Mean 4.22, Rank 635/1358, Mean 3.90, Mean 4.26, Mean 4.11, Mean 4.03, Mean 4.22

6. Did written assignments contribute to what you learned
   - NR 0, NA 0, 1 0, 2 0
   - Mean 4.75, Rank 166/1316, Mean 4.33, Mean 4.27, Mean 4.14, Mean 3.99, Mean 4.75

7. Was the grading system clearly explained
   - NR 0, NA 0, 1 0, 2 0
   - Mean 4.56, Rank 398/1427, Mean 4.28, Mean 4.21, Mean 4.19, Mean 4.03, Mean 4.56

8. How many times was class cancelled
   - NR 0, NA 0, 1 0, 2 0
   - Mean 5.00, Rank 1/1447, Mean 4.92, Mean 4.66, Mean 4.69, Mean 4.68, Mean 5.00

9. How would you grade the overall teaching effectiveness
   - NR 1, NA 0, 1 0, 2 0
   - Mean 4.38, Rank 491/1434, Mean 4.06, Mean 4.12, Mean 4.10, Mean 4.38

#### Lecture

1. Were the instructor's lectures well prepared
   - NR 0, NA 0, 1 0, 2 0
   - Mean 4.56, Rank 727/1387, Mean 4.28, Mean 4.45, Mean 4.46, Mean 4.46, Mean 4.56

2. Did the instructor seem interested in the subject
   - NR 0, NA 0, 1 0, 2 0
   - Mean 4.89, Rank 579/1387, Mean 4.86, Mean 4.78, Mean 4.73, Mean 4.71, Mean 4.89

3. Was lecture material presented and explained clearly
   - NR 0, NA 0, 1 0, 2 0
   - Mean 4.78, Rank 290/1386, Mean 4.35, Mean 4.35, Mean 4.32, Mean 4.32, Mean 4.78

4. Did the lectures contribute to what you learned
   - NR 0, NA 0, 1 0, 2 0
   - Mean 4.89, Rank 181/1380, Mean 4.49, Mean 4.43, Mean 4.32, Mean 4.31, Mean 4.89

5. Did audiovisual techniques enhance your understanding
   - NR 0, NA 0, 1 0, 2 0
   - Mean 3.00, Rank ****/1193, Mean 3.25, Mean 4.02, Mean 4.02, Mean 3.99, ****

#### Discussion

1. Did class discussions contribute to what you learned
   - NR 1, NA 0, 1 0, 2 0
   - Mean 4.75, Rank 218/1172, Mean 4.25, Mean 4.26, Mean 4.15, Mean 3.95, Mean 4.75

2. Were all students actively encouraged to participate
   - NR 1, NA 0, 1 0, 2 0
   - Mean 4.63, Rank 470/1182, Mean 4.52, Mean 4.56, Mean 4.35, Mean 4.18, Mean 4.63

3. Did the instructor encourage fair and open discussion
   - NR 2, NA 0, 1 0, 2 0
   - Mean 4.86, Rank 275/1170, Mean 4.56, Mean 4.41, Mean 4.38, Mean 4.17, Mean 4.86

4. Were special techniques successful
   - NR 2, NA 0, 1 1, 2 1
   - Mean 4.00, Rank 423/800, Mean 3.79, Mean 4.17, Mean 4.06, Mean 3.95, Mean 4.00

#### Frequency Distribution

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## General

1. Did you gain new insights, skills from this course
   - Yes: 0, No: 0, NA: 2, 0: 4, 1: 6, 2: 8
   - Mean: 4.25, Rank: 869/1447, Mean Rank: 4.63
   - Mean: 4.31, Mean: 4.18, Mean: 4.25

2. Did the instructor make clear the expected goals
   - Yes: 1, No: 0, NA: 0, 3: 6, 2: 6
   - Mean: 4.27, Rank: 834/1447, Mean Rank: 4.53
   - Mean: 4.34, Mean: 4.27, Mean: 4.30

3. Did the exam questions reflect the expected goals
   - Yes: 1, No: 0, NA: 0, 4: 1, 6: 6
   - Mean: 4.18, Rank: 833/1241, Mean Rank: 4.54
   - Mean: 4.48, Mean: 4.33, Mean: 4.25

4. Did other evaluations reflect the expected goals
   - Yes: 0, No: 0, NA: 2, 2: 1, 1: 7
   - Mean: 4.08, Rank: 923/1402, Mean Rank: 4.35
   - Mean: 4.36, Mean: 4.24, Mean: 4.15

5. Did assigned readings contribute to what you learned
   - Yes: 0, No: 0, NA: 2, 5: 1, 4: 2
   - Mean: 3.58, Rank: 1134/1358, Mean Rank: 3.90
   - Mean: 4.26, Mean: 4.11, Mean: 4.03

6. Did written assignments contribute to what you learned
   - Yes: 0, No: 0, NA: 1, 1: 3, 0: 7
   - Mean: 3.92, Rank: 900/1316, Mean Rank: 4.33
   - Mean: 4.27, Mean: 4.14, Mean: 3.99

7. Was the grading system clearly explained
   - Yes: 0, No: 0, NA: 1, 3: 3, 5: 2
   - Mean: 4.00, Rank: 971/1427, Mean Rank: 4.28
   - Mean: 4.21, Mean: 4.19, Mean: 4.24

8. How many times was class cancelled
   - Yes: 0, No: 0, NA: 0, 2: 1, 10: 1
   - Mean: 4.83, Rank: 673/1447, Mean Rank: 4.92
   - Mean: 4.66, Mean: 4.69, Mean: 4.68

9. How would you grade the overall teaching effectiveness
   - Yes: 0, No: 0, NA: 2, 0: 3, 1: 6
   - Mean: 3.75, Rank: 1088/1434, Mean Rank: 4.06
   - Mean: 4.10, Mean: 4.10, Mean: 3.75

## Lecture

1. Were the instructor's lectures well prepared
   - Yes: 0, No: 0, NA: 1, 4: 1, 6: 6
   - Mean: 4.00, Rank: 1176/1387, Mean Rank: 4.28
   - Mean: 4.45, Mean: 4.46, Mean: 4.46

2. Did the instructor seem interested in the subject
   - Yes: 0, No: 0, NA: 0, 1: 0, 11: 1
   - Mean: 4.83, Rank: 707/1387, Mean Rank: 4.86
   - Mean: 4.73, Mean: 4.71, Mean: 4.83

3. Was lecture material presented and explained clearly
   - Yes: 0, No: 0, NA: 1, 4: 2, 5: 3
   - Mean: 3.92, Rank: 1119/1386, Mean Rank: 4.35
   - Mean: 4.35, Mean: 4.32, Mean: 4.32

4. Did the lectures contribute to what you learned
   - Yes: 0, No: 0, NA: 1, 0: 3, 1: 7
   - Mean: 4.08, Rank: 1003/1380, Mean Rank: 4.49
   - Mean: 4.43, Mean: 4.32, Mean: 4.31

5. Did audiovisual techniques enhance your understanding
   - Yes: 1, No: 7, NA: 1, 0: 1, 1: 1
   - Mean: 3.25, Rank: 1041/1193, Mean Rank: 3.25
   - Mean: 4.02, Mean: 3.99, Mean: 3.25

## Discussion

1. Did class discussions contribute to what you learned
   - Yes: 0, No: 0, NA: 2, 1: 2, 0: 7
   - Mean: 3.75, Rank: 881/1172, Mean Rank: 4.25
   - Mean: 4.26, Mean: 4.15, Mean: 3.95

2. Were all students actively encouraged to participate
   - Yes: 0, No: 0, NA: 1, 1: 1, 2: 8
   - Mean: 4.42, Rank: 629/1182, Mean Rank: 4.52
   - Mean: 4.56, Mean: 4.43, Mean: 4.42

3. Did the instructor encourage fair and open discussion
   - Yes: 1, No: 0, NA: 0, 3: 2, 6: 6
   - Mean: 4.27, Rank: 751/1170, Mean Rank: 4.56
   - Mean: 4.41, Mean: 4.38, Mean: 4.17

4. Were special techniques successful
   - Yes: 0, No: 0, NA: 1, 5: 4, 2: 2
   - Mean: 3.58, Rank: 635/800, Mean Rank: 3.79
   - Mean: 4.17, Mean: 4.06, Mean: 3.95

## Frequency Distribution

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# Student Course Evaluation Questionnaire

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<td>6. Did written assignments contribute to what you learned</td>
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## Lecture

1. Were the instructor's lectures well prepared | 0 0 0 1 0 2 4 | 4.29 1015/1387 | 4.29 4.45 4.46 | 4.42 4.29 |
2. Did the instructor seem interested in the subject | 0 0 0 1 0 0 6 | 4.57 1081/1387 | 4.57 4.78 4.73 | 4.71 4.57 |
3. Was lecture material presented and explained clearly | 0 0 1 0 0 1 5 | 4.29 855/1386 | 4.29 4.35 4.32 | 4.32 4.29 |
4. Did the lectures contribute to what you learned | 0 0 0 1 0 0 6 | 4.57 582/1380 | 4.57 4.43 4.32 | 4.30 4.57 |
5. Did audiovisual techniques enhance your understanding | 0 0 1 0 0 2 0 | 3.00 1087/1193 | 3.00 4.02 4.02 | 4.04 3.00 |

## Discussion

1. Did class discussions contribute to what you learned | 1 0 1 0 0 3 2 | 3.83 841/1172 | 3.83 4.26 4.15 | 4.12 3.83 |
2. Were all students actively encouraged to participate | 1 0 1 0 0 0 5 | 4.33 691/1182 | 4.33 4.56 4.35 | 4.30 3.33 |
3. Did the instructor encourage fair and open discussion | 1 0 1 0 0 1 4 | 4.17 816/1170 | 4.17 4.41 4.38 | 4.32 4.17 |
4. Were special techniques successful | 1 1 1 0 1 1 2 | 3.60 630/800 | 3.60 4.17 4.06 | 4.01 3.60 |

## Laboratory

1. Did the lab increase understanding of the material | 6 0 1 0 0 0 0 | 1.00 ****/ 189 | 1.00 4.34 4.47 | **** **** |
2. Were you provided with adequate background information | 6 0 0 0 1 0 0 | 3.00 ****/ 192 | 3.00 4.34 4.38 | **** **** |
3. Were necessary materials available for lab activities | 6 0 0 1 0 0 0 | 2.00 ****/ 186 | 2.00 4.48 4.57 | **** **** |
4. Did the lab instructor provide assistance | 6 0 1 0 0 0 0 | 1.00 ****/ 187 | 3.67 4.33 4.46 | **** **** |
5. Were requirements for lab reports clearly specified | 6 0 1 0 0 0 0 | 1.00 ****/ 168 | 3.67 4.20 4.15 | **** **** |

## Seminar

2. Was the instructor available for individual attention | 6 0 1 0 0 0 0 | 1.00 ****/ 62 | 4.90 4.56 4.28 | **** **** |
3. Did research projects contribute to what you learned | 6 0 1 0 0 0 0 | 1.00 ****/ 58 | 5.00 4.41 3.79 | **** **** |
4. Did presentations contribute to what you learned | 6 0 1 0 0 0 0 | 1.00 ****/ 65 | 5.00 4.42 4.36 | **** **** |
5. Were criteria for grading made clear | 6 0 1 0 0 0 0 | 1.00 ****/ 64 | 4.45 4.09 3.70 | **** **** |

## Field Work

1. Did field experience contribute to what you learned | 6 0 0 1 0 0 0 | 2.00 ****/ 38 | 5.00 4.25 2.25 | **** **** |
2. Did you clearly understand your evaluation criteria | 6 0 0 1 0 0 0 | 2.00 ****/ 36 | 4.70 4.25 3.25 | **** **** |
4. To what degree could you discuss your evaluations | 6 0 1 0 0 0 0 | 1.00 ****/ 30 | 4.00 4.30 **** | **** **** |

## Self Paced

1. Did self-paced system contribute to what you learned | 6 0 1 0 0 0 0 | 1.00 ****/ 31 | 5.00 4.72 **** | **** **** |
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