

ROCHESTER INSTITUTE OF TECHNOLOGY
COLLEGE OF SCIENCE
STUDENT EVALUATION OF INSTRUCTION

Winter 20032

COURSE: 51 553 01

INSTRUCTOR: Salvaggio C (7039)

Current Quarter:
SECT - Percentage for this instructor in this section
CRSE - Percentage for all sections of this course
INST - Percentage for all courses taught by this instructor
DEPT - Percentage for all courses taught by this department
COLL - Percentage for all courses taught by the College of Science
Cumulative since Fall 1977
CRSE - Percentage for all sections of this course
INST - Percentage for all courses taught by this instructor
DEPT - Percentage for all courses taught by this department
COLL - Percentage for all courses taught by the College of Science
Both:
N - Number of responses to this question

| THE COURSE | * * * CURRENT QUARTER * * * | | | | | * * * CUMULATIVE * * * | | | |
|---|-----------------------------|------|------|------|------|------------------------|------|------|-------|
| | SECT | CRSE | INST | DEPT | COLL | CRSE | INST | DEPT | COLL |
| 1. What is your present feeling about how much you learned in this course? | | | | | | | | | |
| (a) I learned an exceptional amount about the subject. | N= 8 | 9 | 29 | 230 | 5728 | 46 | 102 | 1639 | 43673 |
| (b) I learned a lot. | 25 | 22 | 31 | 35 | 28 | 46 | 58 | 38 | 27 |
| (c) I learned a moderate amount. | 38 | 44 | 48 | 39 | 39 | 33 | 32 | 41 | 39 |
| (d) I learned little. | 38 | 33 | 21 | 20 | 22 | 20 | 10 | 16 | 23 |
| (e) I learned practically nothing. | 0 | 0 | 0 | 7 | 8 | 2 | 0 | 4 | 8 |
| 2. What is your opinion of the principal course material of this course? (Omit if there was no text.) | | | | | | | | | |
| (a) Exceptionally good materials for the course. | N= 7 | 8 | 28 | 228 | 5692 | 41 | 99 | 1618 | 43476 |
| (b) Good materials for the course. | 14 | 13 | 21 | 28 | 19 | 34 | 35 | 28 | 19 |
| (c) Adequate materials for the course. | 29 | 38 | 39 | 43 | 47 | 37 | 39 | 45 | 48 |
| (d) The materials were somewhat deficient or inadequate. | 57 | 50 | 36 | 22 | 24 | 24 | 21 | 21 | 24 |
| (e) Decidedly inferior materials. | 0 | 0 | 4 | 5 | 8 | 0 | 4 | 5 | 7 |
| 3. In general, how do you feel about the assignments. | | | | | | | | | |
| (a) This question is not applicable. | N= 8 | 9 | 29 | 230 | 5550 | 46 | 102 | 1637 | 43356 |
| (b) Work was relevant to course; the amount was about right. | 25 | 22 | 14 | 13 | 16 | 17 | 10 | 11 | 14 |
| (c) Work was relevant to course; but amount was too much. | 75 | 78 | 76 | 66 | 64 | 70 | 84 | 72 | 69 |
| (d) Assignments were not relevant to the course. | 0 | 0 | 7 | 15 | 14 | 9 | 4 | 10 | 11 |
| (e) More assignments would be helpful. | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 1 | 2 |
| 4. How adequate was your background for this course? | | | | | | | | | |
| (a) Background courses were satisfactory. | N= 8 | 9 | 29 | 230 | 5707 | 45 | 101 | 1627 | 43438 |
| (b) Not adequate because previous background courses were too elementary. | 50 | 56 | 66 | 73 | 76 | 73 | 66 | 77 | 78 |
| (c) Not adequate because previous background courses were poorly taught. | 13 | 11 | 3 | 9 | 9 | 13 | 13 | 8 | 8 |
| (d) Both (b) and (c). | 38 | 33 | 10 | 4 | 7 | 7 | 6 | 3 | 6 |
| (e) Not adequate for other reasons. | 0 | 0 | 0 | 1 | 2 | 2 | 2 | 1 | 2 |
| THE INSTRUCTOR | 0 | 0 | 21 | 13 | 6 | 4 | 13 | 11 | 6 |
| 5. Was the instructor's presentation effective in helping you understand the material associated with the course? | | | | | | | | | |
| (a) Extremely effective. | N= 8 | 9 | 29 | 230 | 5734 | 46 | 102 | 1636 | 43627 |
| (b) Quite good. | 50 | 44 | 48 | 37 | 37 | 46 | 71 | 42 | 35 |
| (c) Adequate. | 25 | 22 | 31 | 35 | 33 | 39 | 21 | 39 | 34 |
| | 25 | 33 | 21 | 23 | 19 | 11 | 9 | 16 | 19 |

| | | | | | | | | | | |
|---|----|-----|-----|----|-----|------|----|-----|------|-------|
| (d) Less than helpful. | 0 | 0 | 0 | 4 | 8 | 4 | 0 | 3 | 8 | |
| (e) Not helpful at all. | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | |
| 6. How do you feel about the instructor's handling of class procedures(planning work, making assignments, announcing quizzes, etc.) | N= | 8 | 9 | 29 | 230 | 5722 | 46 | 102 | 1638 | 43609 |
| (a) Highly systematic,well organized. | | 63 | 67 | 62 | 52 | 52 | 72 | 78 | 57 | 56 |
| (b) Moderately well organized. | | 38 | 33 | 31 | 34 | 31 | 26 | 20 | 34 | 30 |
| (c) Somewhat organized. | | 0 | 0 | 7 | 10 | 11 | 2 | 2 | 8 | 10 |
| (d) Organization inadequate. | | 0 | 0 | 0 | 3 | 3 | 0 | 0 | 1 | 3 |
| (e) Confusing, unsystematic. | | 0 | 0 | 0 | 1 | 3 | 0 | 0 | 0 | 2 |
| 7. Was the instructor receptive and responsive to students' questions? | N= | 8 | 9 | 29 | 228 | 5719 | 46 | 102 | 1630 | 43551 |
| (a) Encouraged questions; answered them very effectively. | | 100 | 100 | 90 | 65 | 59 | 85 | 96 | 73 | 60 |
| (b) Encouraged questions; answered them adequately. | | 0 | 0 | 10 | 28 | 26 | 15 | 4 | 23 | 26 |
| (c) Did not particularly encourage questions, but answered them. | | 0 | 0 | 0 | 5 | 9 | 0 | 0 | 3 | 8 |
| (d) Was ineffective in understanding and answering questions. | | 0 | 0 | 0 | 2 | 4 | 0 | 0 | 1 | 4 |
| (e) Tended to discourage questions in class. | | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| 8. How accessible and helpful was the instructor? | N= | 8 | 9 | 28 | 229 | 5721 | 46 | 101 | 1636 | 43537 |
| (a) Usually accessible and helpful. | | 75 | 78 | 75 | 65 | 56 | 72 | 86 | 70 | 57 |
| (b) Usually accessible but not helpful. | | 0 | 0 | 0 | 6 | 7 | 9 | 0 | 4 | 7 |
| (c) Rarely accessible but helpful. | | 25 | 22 | 21 | 9 | 5 | 7 | 10 | 7 | 5 |
| (d) Rarely accessible and not helpful. | | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 1 | 2 |
| (e) I never sought assistance. | | 0 | 0 | 4 | 19 | 31 | 13 | 4 | 18 | 30 |
| 9. How intellectually stimulating was the instructor? | N= | 8 | 9 | 29 | 228 | 5687 | 46 | 102 | 1623 | 43281 |
| (a) Outstanding in this respect. | | 13 | 11 | 28 | 25 | 26 | 33 | 50 | 32 | 25 |
| (b) Very intellectually stimulating and challenging. | | 63 | 67 | 52 | 38 | 33 | 46 | 41 | 42 | 34 |
| (c) Moderately stimulating and thought provoking. | | 13 | 11 | 14 | 25 | 24 | 13 | 7 | 19 | 24 |
| (d) Somewhat thought-provoking. | | 13 | 11 | 7 | 7 | 9 | 7 | 2 | 5 | 9 |
| (e) Not stimulating. | | 0 | 0 | 0 | 4 | 7 | 2 | 0 | 2 | 8 |
| EXAMINATIONS | | | | | | | | | | |
| ----- | | | | | | | | | | |
| 10.With regard to the number of examinations and/or quizzes in this course, there were: | N= | 4 | 5 | 25 | 215 | 5455 | 41 | 98 | 1526 | 42671 |
| (a) Too few. | | 25 | 20 | 24 | 16 | 11 | 12 | 11 | 11 | 11 |
| (b) About the right number. | | 75 | 80 | 76 | 81 | 85 | 85 | 86 | 86 | 85 |
| (c) Too many. | | 0 | 0 | 0 | 2 | 5 | 2 | 3 | 2 | 4 |
| 11.In general, how did you feel about the clearness of the examination questions? | N= | 4 | 5 | 25 | 215 | 5446 | 41 | 98 | 1514 | 42519 |
| (a) Consistently very clear. | | 75 | 80 | 68 | 44 | 51 | 63 | 82 | 54 | 53 |
| (b) Moderately clear. | | 25 | 20 | 28 | 47 | 42 | 34 | 17 | 40 | 39 |
| (c) Often vague and ambiguous. | | 0 | 0 | 4 | 9 | 8 | 2 | 1 | 5 | 7 |
| 12.Concerning the relevance of test questions to the course content, the questions provided | N= | 4 | 5 | 25 | 214 | 5420 | 41 | 98 | 1507 | 42289 |
| (a) Complete coverage of important points. | | 75 | 80 | 64 | 47 | 51 | 51 | 77 | 51 | 51 |
| (b) Adequate overall coverage. | | 25 | 20 | 28 | 43 | 39 | 49 | 20 | 42 | 39 |
| (c) Poor overall coverage. | | 0 | 0 | 0 | 4 | 4 | 0 | 0 | 3 | 4 |
| (d) Too much emphasis on details. | | 0 | 0 | 8 | 6 | 6 | 0 | 3 | 4 | 6 |
| 13.Concerning strictness in grading examinations, the standards were | N= | 4 | 5 | 25 | 214 | 5431 | 41 | 98 | 1511 | 42474 |
| (a) Unreasonably strict. | | 0 | 0 | 0 | 6 | 9 | 5 | 2 | 5 | 9 |
| (b) Strict but fair. | | 25 | 20 | 40 | 45 | 37 | 22 | 20 | 33 | 37 |
| (c) About right. | | 75 | 80 | 60 | 49 | 53 | 73 | 78 | 61 | 54 |
| (d) Too lenient. | | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1 |
| 14.With regard to consistency in grading the examination(s), the standards were | N= | 4 | 5 | 25 | 209 | 5402 | 41 | 98 | 1496 | 42313 |
| (a) Always consistent. | | 100 | 100 | 80 | 70 | 66 | 85 | 89 | 67 | 67 |
| (b) Usually consistent. | | 0 | 0 | 20 | 27 | 31 | 15 | 11 | 31 | 30 |
| (c) Seldom consistent. | | 0 | 0 | 0 | 2 | 4 | 0 | 0 | 1 | 3 |

LABORATORY

| | | | | | | | | | | |
|--|----|---|---|---|----|------|---|---|-----|-------|
| 15. In general, were the laboratory experiments of value in developing techniques and experience or in contributing to understanding of the subject? | N= | 0 | 0 | 0 | 82 | 2098 | 0 | 0 | 436 | 15631 |
| (a) Extremely valuable. | | 0 | 0 | 0 | 20 | 25 | 0 | 0 | 25 | 25 |
| (b) Very valuable. | | 0 | 0 | 0 | 33 | 33 | 0 | 0 | 43 | 37 |
| (c) Moderately valuable. | | 0 | 0 | 0 | 29 | 27 | 0 | 0 | 20 | 26 |
| (d) Somewhat valuable. | | 0 | 0 | 0 | 12 | 9 | 0 | 0 | 7 | 8 |
| (e) Of little value. | | 0 | 0 | 0 | 6 | 6 | 0 | 0 | 5 | 5 |
| 16. In explaining the laboratory and assisting the student during the laboratory, the instructor was | N= | 0 | 0 | 0 | 82 | 2101 | 0 | 0 | 435 | 15627 |
| (a) Very helpful. | | 0 | 0 | 0 | 43 | 59 | 0 | 0 | 54 | 63 |
| (b) Sometimes helpful. | | 0 | 0 | 0 | 34 | 29 | 0 | 0 | 36 | 28 |
| (c) Of little help. | | 0 | 0 | 0 | 16 | 9 | 0 | 0 | 7 | 7 |
| (d) Seriously deficient. | | 0 | 0 | 0 | 7 | 3 | 0 | 0 | 3 | 2 |
| 17. Was the laboratory instructor receptive and responsive to students questions? | N= | 0 | 0 | 0 | 81 | 2093 | 0 | 0 | 430 | 15584 |
| (a) Encouraged questions; answered them effectively. | | 0 | 0 | 0 | 40 | 51 | 0 | 0 | 58 | 55 |
| (b) Encouraged questions; answered them adequately. | | 0 | 0 | 0 | 31 | 28 | 0 | 0 | 29 | 26 |
| (c) Did not particularly encourage questions, but answered them. | | 0 | 0 | 0 | 23 | 15 | 0 | 0 | 10 | 14 |
| (d) Was ineffective in understanding and answering questions. | | 0 | 0 | 0 | 4 | 5 | 0 | 0 | 3 | 4 |
| (e) Tended to discourage questions in class. | | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 1 |
| 18. How available and helpful was the laboratory instructor outside of class? | N= | 0 | 0 | 0 | 81 | 2094 | 0 | 0 | 433 | 15593 |
| (a) Usually available and helpful. | | 0 | 0 | 0 | 42 | 42 | 0 | 0 | 50 | 40 |
| (b) Usually available but not helpful. | | 0 | 0 | 0 | 11 | 8 | 0 | 0 | 13 | 8 |
| (c) Rarely available but helpful. | | 0 | 0 | 0 | 12 | 5 | 0 | 0 | 6 | 6 |
| (d) Rarely available and not helpful. | | 0 | 0 | 0 | 4 | 2 | 0 | 0 | 2 | 2 |
| (e) I don't know I never sought assistance. | | 0 | 0 | 0 | 31 | 42 | 0 | 0 | 29 | 44 |
| 19. For the laboratory, the written materials, manuals, instruction sheets, etc. were | N= | 0 | 0 | 0 | 81 | 2088 | 0 | 0 | 435 | 15554 |
| (a) Extremely helpful. | | 0 | 0 | 0 | 26 | 26 | 0 | 0 | 25 | 26 |
| (b) Very helpful. | | 0 | 0 | 0 | 20 | 33 | 0 | 0 | 37 | 36 |
| (c) Adequate. | | 0 | 0 | 0 | 33 | 27 | 0 | 0 | 27 | 26 |
| (d) Somewhat helpful. | | 0 | 0 | 0 | 15 | 10 | 0 | 0 | 7 | 8 |
| (e) Not helpful. | | 0 | 0 | 0 | 6 | 4 | 0 | 0 | 4 | 3 |
| 20. Concerning the grading of laboratory notebooks and reports, The instructor was | N= | 0 | 0 | 0 | 81 | 2087 | 0 | 0 | 433 | 15536 |
| (a) Usually fair and thorough. | | 0 | 0 | 0 | 57 | 67 | 0 | 0 | 61 | 68 |
| (b) Usually too strict, but thorough. | | 0 | 0 | 0 | 31 | 20 | 0 | 0 | 28 | 18 |
| (c) Often not thorough. | | 0 | 0 | 0 | 7 | 5 | 0 | 0 | 4 | 4 |
| (d) This question does not apply. | | 0 | 0 | 0 | 5 | 8 | 0 | 0 | 6 | 10 |
| 21. Concerning the organization of the laboratory, the materials, supplies and room were usually | N= | 0 | 0 | 0 | 81 | 2085 | 0 | 0 | 431 | 15550 |
| (a) Very well organized, neat. | | 0 | 0 | 0 | 33 | 55 | 0 | 0 | 45 | 60 |
| (b) Moderately well organized, adequately neat. | | 0 | 0 | 0 | 49 | 39 | 0 | 0 | 46 | 35 |
| (c) Poorly organized; Lacking neatness. | | 0 | 0 | 0 | 17 | 6 | 0 | 0 | 9 | 5 |
| DISTANCE LEARNING | | | | | | | | | | |
| 22. How well did the printed, CD, or Web material, provided to the beginning of the course, describe how the course would operate? | N= | 0 | 0 | 0 | 20 | 119 | 0 | 0 | 84 | 439 |
| (a) Very good. | | 0 | 0 | 0 | 20 | 13 | 0 | 0 | 26 | 19 |
| (b) Good. | | 0 | 0 | 0 | 20 | 21 | 0 | 0 | 25 | 25 |
| (c) Adequate. | | 0 | 0 | 0 | 15 | 16 | 0 | 0 | 8 | 13 |
| (d) Inadequate. | | 0 | 0 | 0 | 0 | 12 | 0 | 0 | 0 | 6 |
| (e) Not applicable. | | 0 | 0 | 0 | 45 | 39 | 0 | 0 | 40 | 37 |
| 23. The technical quality of the lessons presented on video, TV, or over the Web was | N= | 0 | 0 | 0 | 18 | 102 | 0 | 0 | 76 | 376 |
| (a) Very good. | | 0 | 0 | 0 | 17 | 14 | 0 | 0 | 25 | 23 |

| | | | | | | | | | | |
|--|----|---|---|---|----|----|---|---|----|-----|
| (b) Good. | | 0 | 0 | 0 | 44 | 30 | 0 | 0 | 32 | 24 |
| (c) Adequate. | | 0 | 0 | 0 | 11 | 9 | 0 | 0 | 8 | 11 |
| (d) Inadequate. | | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 4 | 5 |
| (e) Not applicable. | | 0 | 0 | 0 | 28 | 40 | 0 | 0 | 32 | 36 |
| 24. The instructional quality of the lessons on video, TV or over the web was | | | | | | | | | | |
| (a) Very good. | N= | 0 | 0 | 0 | 19 | 97 | 0 | 0 | 79 | 363 |
| (b) Good. | | 0 | 0 | 0 | 26 | 18 | 0 | 0 | 23 | 19 |
| (c) Adequate. | | 0 | 0 | 0 | 16 | 24 | 0 | 0 | 30 | 26 |
| (d) Inadequate. | | 0 | 0 | 0 | 21 | 12 | 0 | 0 | 8 | 12 |
| (e) Not applicable. | | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 1 | 5 |
| 25. The Web access to course materials was | | 0 | 0 | 0 | 37 | 42 | 0 | 0 | 38 | 38 |
| (a) Very good. | N= | 0 | 0 | 0 | 18 | 95 | 0 | 0 | 76 | 352 |
| (b) Good. | | 0 | 0 | 0 | 44 | 23 | 0 | 0 | 34 | 26 |
| (c) Adequate. | | 0 | 0 | 0 | 28 | 31 | 0 | 0 | 32 | 27 |
| (d) Inadequate. | | 0 | 0 | 0 | 0 | 12 | 0 | 0 | 3 | 10 |
| (e) Not applicable. | | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 7 | 8 |
| 26. Communications with other students in the class was | | 0 | 0 | 0 | 28 | 29 | 0 | 0 | 25 | 29 |
| (a) Very valuable. | N= | 0 | 0 | 0 | 18 | 98 | 0 | 0 | 75 | 354 |
| (b) Somewhat valuable. | | 0 | 0 | 0 | 11 | 21 | 0 | 0 | 17 | 26 |
| (c) Not valuable. | | 0 | 0 | 0 | 44 | 33 | 0 | 0 | 45 | 29 |
| (d) Too complicated to bother with. | | 0 | 0 | 0 | 11 | 6 | 0 | 0 | 5 | 8 |
| (e) Not applicable. | | 0 | 0 | 0 | 6 | 5 | 0 | 0 | 3 | 3 |
| 27. Compared with a face-to-face version of this course, this distance learning course was | | 0 | 0 | 0 | 28 | 35 | 0 | 0 | 29 | 33 |
| (a) Superior. | N= | 0 | 0 | 0 | 8 | 62 | 0 | 0 | 47 | 254 |
| (b) Better. | | 0 | 0 | 0 | 13 | 13 | 0 | 0 | 15 | 12 |
| (c) The same. | | 0 | 0 | 0 | 13 | 15 | 0 | 0 | 9 | 18 |
| (d) Inferior. | | 0 | 0 | 0 | 25 | 21 | 0 | 0 | 30 | 25 |
| (e) Very inferior | | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 19 | 17 |
| | | 0 | 0 | 0 | 50 | 44 | 0 | 0 | 28 | 28 |

DISTANCE LEARNING

| | |
|---|-----------|
| 22. How well did the <u>printed, CD, or Web material</u> , provided prior to the beginning of the course, describe how the course would operate? (a) very good. (b) good. (c) adequate. (d) inadequate. (e) not applicable. | A B C D E |
| 23. The <u>technical quality</u> of the lessons presented on video, TV, or over the Web was (a) very good. (b) good. (c) adequate. (d) inadequate. (e) not applicable. | A B C D E |
| 24. The <u>instructional quality</u> of the lessons on video, TV, or over the Web was (a) very good. (b) good. (c) adequate. (d) inadequate. (e) not applicable. | A B C D E |
| 25. The <u>Web access</u> to course materials was (a) very good. (b) good. (c) adequate. (d) inadequate. (e) not applicable. | A B C D E |
| 26. <u>Communication with other students</u> in the class was (a) very valuable. (b) somewhat valuable. (c) not valuable. (d) too complicated to bother with. (e) not applicable. | A B C D E |
| 27. Compared with a <u>face-to-face version</u> of this course, this distance learning course was (a) superior. (b) better. (c) the same. (d) inferior. (e) very inferior. | A B C D E |

The College of Science is particularly interested in your own comments and suggestions. In the space below please tell us in your own words your thoughts on any or all of the following.

- the instructor
- the course materials (notes, textbook, videos, etc.)
- the technology (computers, FirstClass, CourseInfo, etc.)
- general comments on other aspects of the course (lecture style, distance learning mode, etc.)

Instructor Name Carl Sawagyo Course Number 1051-553-01
 Instructor Number 7039 Term 20032 Quarter Winter

This programming class was nice and Carl answered our questions about how to work in IDL.

Good w/ flexibility of subject we wanted to study.

DISTANCE LEARNING

| | |
|---|-----------|
| 22. How well did the <u>printed, CD, or Web material</u> , provided prior to the beginning of the course, describe how the course would operate? (a) very good. (b) good. (c) adequate. (d) inadequate. (e) not applicable. | A B C D E |
| 23. The <u>technical quality</u> of the lessons presented on video, TV, or over the Web was (a) very good. (b) good. (c) adequate. (d) inadequate. (e) not applicable. | A B C D E |
| 24. The <u>instructional quality</u> of the lessons on video, TV, or over the Web was (a) very good. (b) good. (c) adequate. (d) inadequate. (e) not applicable. | A B C D E |
| 25. The <u>Web access</u> to course materials was (a) very good. (b) good. (c) adequate. (d) inadequate. (e) not applicable. | A B C D E |
| 26. <u>Communication with other students</u> in the class was (a) very valuable. (b) somewhat valuable. (c) not valuable. (d) too complicated to bother with. (e) not applicable. | A B C D E |
| 27. Compared with a <u>face-to-face version</u> of this course, this distance learning course was (a) superior. (b) better. (c) the same. (d) inferior. (e) very inferior. | A B C D E |

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- the technology (computers, FirstClass, CourseInfo, etc.)
- general comments on other aspects of the course (lecture style, distance learning mode, etc.)

Instructor Name Dr. Carl Salvaggio Course Number 1051-553-01

Instructor Number 7039 Term 2003-2 Quarter Winter

- Really understands the computer language and how to convey information to students

- When I sought help he was always willing to set aside whatever he is working on to help his students

- Is a wonderful, enthusiastic and dedicated professor.