

ROCHESTER INSTITUTE OF TECHNOLOGY
COLLEGE OF SCIENCE
STUDENT EVALUATION OF INSTRUCTION

Winter 20022

COURSE: 51 462 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

	N=	* * * 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.	88	88	68	39	26	39	71	37	26	
(b) I learned a lot.	13	13	20	36	39	25	22	41	40	
(c) I learned a moderate amount.	0	0	12	20	23	36	7	17	24	
(d) I learned little.	0	0	0	3	9	0	0	4	8	
(e) I learned practically nothing.	0	0	0	1	2	0	0	1	2	
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.	38	38	32	27	18	25	39	27	18	
(b) Good materials for the course.	50	50	40	46	48	21	34	46	48	
(c) Adequate materials for the course.	13	13	16	22	24	46	20	22	23	
(d) The materials were somewhat deficient or inadequate.	0	0	12	4	8	7	7	5	7	
(e) Decidedly inferior materials.	0	0	0	1	2	0	0	2	2	
3. In general, how do you feel about the assignments.										
(a) This question is not applicable.	0	0	4	13	15	0	2	10	14	
(b) Work was relevant to course; the amount was about right.	100	100	88	74	69	57	93	72	69	
(c) Work was relevant to course; but amount was too much.	0	0	8	10	11	0	5	10	11	
(d) Assignments were not relevant to the course.	0	0	0	0	2	0	0	1	2	
(e) More assignments would be helpful.	0	0	0	2	4	43	0	7	4	
4. How adequate was your background for this course?										
(a) Background courses were satisfactory.	88	88	71	78	78	96	68	77	78	
(b) Not adequate because previous background courses were too elementary.	0	0	4	9	9	0	18	9	8	
(c) Not adequate because previous background courses were poorly taught.	0	0	0	3	6	0	0	3	6	
(d) Both (b) and (c).	0	0	4	1	1	0	3	1	2	
(e) Not adequate for other reasons.	13	13	21	10	6	4	13	10	6	

THE INSTRUCTOR

5. Was the instructor's presentation effective in helping you understand the material associated with the course?										
(a) Extremely effective.	100	100	68	42	34	36	80	41	35	
(b) Quite good.	0	0	20	37	33	29	12	41	35	
(c) Adequate.	0	0	12	16	20	29	7	15	19	

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	65	2026	0	0	210	9694
(a) Extremely valuable.		0	0	0	20	25	0	0	26	24
(b) Very valuable.		0	0	0	48	36	0	0	44	37
(c) Moderately valuable.		0	0	0	20	27	0	0	17	27
(d) Somewhat valuable.		0	0	0	11	7	0	0	7	8
(e) Of little value.		0	0	0	2	5	0	0	5	4
16. In explaining the laboratory and assisting the student during the laboratory, the instructor was	N=	0	0	0	65	2023	0	0	209	9688
(a) Very helpful.		0	0	0	34	62	0	0	49	64
(b) Sometimes helpful.		0	0	0	58	28	0	0	43	28
(c) Of little help.		0	0	0	8	7	0	0	6	7
(d) Seriously deficient.		0	0	0	0	3	0	0	2	2
17. Was the laboratory instructor receptive and responsive to students questions?	N=	0	0	0	62	2012	0	0	205	9660
(a) Encouraged questions; answered them effectively.		0	0	0	47	53	0	0	60	55
(b) Encouraged questions; answered them adequately.		0	0	0	44	26	0	0	30	26
(c) Did not particularly encourage questions, but answered them.		0	0	0	8	15	0	0	8	14
(d) Was ineffective in understanding and answering questions.		0	0	0	2	5	0	0	2	4
(e) Tended to discourage questions in class.		0	0	0	0	1	0	0	0	0
18. How available and helpful was the laboratory instructor outside of class?	N=	0	0	0	65	2014	0	0	210	9674
(a) Usually available and helpful.		0	0	0	49	42	0	0	48	39
(b) Usually available but not helpful.		0	0	0	17	8	0	0	11	8
(c) Rarely available but helpful.		0	0	0	2	6	0	0	5	6
(d) Rarely available and not helpful.		0	0	0	0	3	0	0	3	2
(e) I don't know I never sought assistance.		0	0	0	32	42	0	0	33	46
19. For the laboratory, the written materials, manuals, instruction sheets, etc. were	N=	0	0	0	65	2011	0	0	210	9644
(a) Extremely helpful.		0	0	0	17	27	0	0	24	26
(b) Very helpful.		0	0	0	42	36	0	0	40	37
(c) Adequate.		0	0	0	31	25	0	0	26	26
(d) Somewhat helpful.		0	0	0	11	8	0	0	7	8
(e) Not helpful.		0	0	0	0	4	0	0	3	3
20. Concerning the grading of laboratory notebooks and reports, the instructor was	N=	0	0	0	64	2012	0	0	208	9629
(a) Usually fair and thorough.		0	0	0	64	69	0	0	62	68
(b) Usually too strict, but thorough.		0	0	0	25	20	0	0	25	18
(c) Often not thorough.		0	0	0	5	3	0	0	4	3
(d) This question does not apply.		0	0	0	6	8	0	0	9	10
21. Concerning the organization of the laboratory, the materials, supplies and room were usually	N=	0	0	0	65	2013	0	0	206	9644
(a) Very well organized, neat.		0	0	0	45	62	0	0	43	61
(b) Moderately well organized, adequately neat.		0	0	0	49	34	0	0	50	35
(c) Poorly organized; Lacking neatness.		0	0	0	6	5	0	0	7	4

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	13	88	0	0	35	234
(a) Very good.		0	0	0	46	28	0	0	40	23
(b) Good.		0	0	0	15	34	0	0	29	27
(c) Adequate.		0	0	0	8	11	0	0	9	14
(d) Inadequate.		0	0	0	0	3	0	0	0	3
(e) Not applicable.		0	0	0	31	23	0	0	23	32
23. The technical quality of the lessons presented on video, TV, or over the Web was	N=	0	0	0	12	82	0	0	32	206
(a) Very good.		0	0	0	33	29	0	0	41	31

(b) Good.		0	0	0	50	23	0	0	31	21
(c) Adequate.		0	0	0	8	15	0	0	9	15
(d) Inadequate.		0	0	0	0	4	0	0	9	4
(e) Not applicable.		0	0	0	8	29	0	0	9	29
24.The instructional quality of the lessons on video, TV or over the web was	N=	0	0	0	12	79	0	0	32	197
(a) Very good.		0	0	0	25	22	0	0	31	21
(b) Good.		0	0	0	50	30	0	0	44	28
(c) Adequate.		0	0	0	0	15	0	0	6	15
(d) Inadequate.		0	0	0	0	4	0	0	3	6
(e) Not applicable.		0	0	0	25	29	0	0	16	30
25.The Web access to course materials was	N=	0	0	0	12	77	0	0	32	190
(a) Very good.		0	0	0	42	30	0	0	28	26
(b) Good.		0	0	0	25	26	0	0	41	28
(c) Adequate.		0	0	0	17	17	0	0	6	12
(d) Inadequate.		0	0	0	8	6	0	0	16	10
(e) Not applicable.		0	0	0	8	21	0	0	9	24
26.Communications with other students in the class was	N=	0	0	0	13	81	0	0	33	193
(a) Very valuable.		0	0	0	38	27	0	0	21	26
(b) Somewhat valuable.		0	0	0	38	27	0	0	61	30
(c) Not valuable.		0	0	0	0	11	0	0	6	11
(d) Too complicated to bother with.		0	0	0	0	1	0	0	3	3
(e) Not applicable.		0	0	0	23	33	0	0	9	30
27.Compared with a face-to-face version of this course, this distance learning course was	N=	0	0	0	10	66	0	0	26	154
(a) Superior.		0	0	0	10	9	0	0	19	10
(b) Better.		0	0	0	10	26	0	0	12	22
(c) The same.		0	0	0	50	33	0	0	42	31
(d) Inferior.		0	0	0	30	17	0	0	23	21
(e) Very inferior		0	0	0	0	15	0	0	4	17

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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 in the class</u> 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 Salvaggio
 Term 20022
 Quarter Winter

Carl is extremely helpful.

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
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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.

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

Instructor Salvaggio

Term 20022

Quarter winter

This guy is the best teacher ever, he saved my programming life.
Always fair, happy to help, give him a raise NOW.

ROCHESTER INSTITUTE OF TECHNOLOGY
COLLEGE OF SCIENCE
STUDENT EVALUATION OF INSTRUCTION

Winter 20032

COURSE: 51 462 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

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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=	9	9	29	230	5728	37	102	1639	43673
(b) I learned a lot.		56	56	31	35	28	43	58	38	27
(c) I learned a moderate amount.		44	44	48	39	39	30	32	41	39
(d) I learned little.		0	0	21	20	22	27	10	16	23
(e) I learned practically nothing.		0	0	0	7	8	0	0	4	8
2. What is your opinion of the principal course material of this course? (Omit if there was no text.)		0	0	0	0	2	0	0	1	2
(a) Exceptionally good materials for the course.	N=	9	9	28	228	5692	37	99	1618	43476
(b) Good materials for the course.		33	33	21	28	19	27	35	28	19
(c) Adequate materials for the course.		44	44	39	43	47	27	39	45	48
(d) The materials were somewhat deficient or inadequate.		22	22	36	22	24	41	21	21	24
(e) Decidedly inferior materials.		0	0	4	5	8	5	4	5	7
3. In general, how do you feel about the assignments.		0	0	0	2	3	0	0	2	2
(a) This question is not applicable.	N=	9	9	29	230	5550	37	102	1637	43356
(b) Work was relevant to course; the amount was about right.		11	11	14	13	16	3	10	11	14
(c) Work was relevant to course; but amount was too much.		56	56	76	66	64	57	84	72	69
(d) Assignments were not relevant to the course.		22	22	7	15	14	5	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?		11	11	3	6	4	35	2	7	4
(a) Background courses were satisfactory.	N=	9	9	29	230	5707	37	101	1627	43438
(b) Not adequate because previous background courses were too elementary.		89	89	66	73	76	95	66	77	78
(c) Not adequate because previous background courses were poorly taught.		0	0	3	9	9	0	13	8	8
(d) Both (b) and (c).		0	0	10	4	7	0	6	3	6
(e) Not adequate for other reasons.		0	0	0	1	2	0	2	1	2
THE INSTRUCTOR		11	11	21	13	6	5	13	11	6
5. Was the instructor's presentation effective in helping you understand the material associated with the course?										
(a) Extremely effective.	N=	9	9	29	230	5734	37	102	1636	43627
(b) Quite good.		44	44	48	37	37	38	71	42	35
(c) Adequate.		56	56	31	35	33	35	21	39	34
		0	0	21	23	19	22	9	16	19

(d) Less than helpful.	0	0	0	4	8	5	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=	9	9	29	230	5722	37	102	1638	43609
(a) Highly systematic, well organized.	56	56	62	52	52	59	78	57	56	
(b) Moderately well organized.	44	44	31	34	31	30	20	34	30	
(c) Somewhat organized.	0	0	7	10	11	11	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=	9	9	29	228	5719	35	102	1630	43551
(a) Encouraged questions; answered them very effectively.	89	89	90	65	59	63	96	73	60	
(b) Encouraged questions; answered them adequately.	11	11	10	28	26	26	4	23	26	
(c) Did not particularly encourage questions, but answered them.	0	0	0	5	9	6	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	6	0	0	1	
8. How accessible and helpful was the instructor?	N=	9	9	28	229	5721	37	101	1636	43537
(a) Usually accessible and helpful.	56	56	75	65	56	46	86	70	57	
(b) Usually accessible but not helpful.	0	0	0	6	7	0	0	4	7	
(c) Rarely accessible but helpful.	33	33	21	9	5	14	10	7	5	
(d) Rarely accessible and not helpful.	0	0	0	1	2	0	0	1	2	
(e) I never sought assistance.	11	11	4	19	31	41	4	18	30	
9. How intellectually stimulating was the instructor?	N=	9	9	29	228	5687	37	102	1623	43281
(a) Outstanding in this respect.	33	33	28	25	26	24	50	32	25	
(b) Very intellectually stimulating and challenging.	56	56	52	38	33	30	41	42	34	
(c) Moderately stimulating and thought provoking.	11	11	14	25	24	35	7	19	24	
(d) Somewhat thought-provoking.	0	0	7	7	9	5	2	5	9	
(e) Not stimulating.	0	0	0	4	7	5	0	2	8	
EXAMINATIONS										

10. With regard to the number of examinations and/or quizzes in this course, there were:	N=	9	9	25	215	5455	37	98	1526	42671
(a) Too few.	22	22	24	16	11	32	11	11	11	
(b) About the right number.	78	78	76	81	85	68	86	86	85	
(c) Too many.	0	0	0	2	5	0	3	2	4	
11. In general, how did you feel about the clearness of the examination questions?	N=	9	9	25	215	5446	37	98	1514	42519
(a) Consistently very clear.	78	78	68	44	51	62	82	54	53	
(b) Moderately clear.	22	22	28	47	42	38	17	40	39	
(c) Often vague and ambiguous.	0	0	4	9	8	0	1	5	7	
12. Concerning the relevance of test questions to the course content, the questions provided	N=	9	9	25	214	5420	37	98	1507	42289
(a) Complete coverage of important points.	67	67	64	47	51	43	77	51	51	
(b) Adequate overall coverage.	33	33	28	43	39	51	20	42	39	
(c) Poor overall coverage.	0	0	0	4	4	5	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=	9	9	25	214	5431	37	98	1511	42474
(a) Unreasonably strict.	0	0	0	6	9	0	2	5	9	
(b) Strict but fair.	33	33	40	45	37	43	20	33	37	
(c) About right.	67	67	60	49	53	57	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=	9	9	25	209	5402	37	98	1496	42313
(a) Always consistent.	78	78	80	70	66	73	89	67	67	
(b) Usually consistent.	22	22	20	27	31	27	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 Salvaggio Course Number 1051-462-01
 Instructor Number 7639 Term 20032 Quarter Winter

The class taught me lot about DIP & using IDL. I feel more confident writing IDL programs.
 Thanks Carl!

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 Salvaggio Course Number 5146201
 Instructor Number 7039 Term 2003a Quarter Winter

Good class but some of the projects are too hard /vague and getting help is difficult time-wise.

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 Salvaggio Course Number 51 462 01
 Instructor Number 7039 Term 2003Q Quarter winter

Dr. Salvaggio is a fantastic teacher, which cannot be said of all professors. Even though I came into DIP 1 having little knowledge about programming, I have since learned a great deal. I appreciate the work that is put into the course slides. They are a great asset in learning the material. I also find the assignments to be very practical and useful applications of imaging techniques.

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 Salvaggio Course Number 51 462 01
 Instructor Number 7039 Term 2003-2 Quarter Winter

- Presentation of materials is very detailed.
- Carl is more than willing to go over material until it is understood.
- Textbook is never cited.
- Carl is always helpful out of class with assignments and gives a lot of time to helping his students.
- AWESOME

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 Dr. Salvaggio Course Number 5146201
 Instructor Number 7039 Term 2003A Quarter Winter

I love having Dr. Salvaggio as a professor. He is always very fair + understanding. His classes are interesting, + his presentation of the material is highly effective. He cares about his students, + is never too busy to help.

ROCHESTER INSTITUTE OF TECHNOLOGY
COLLEGE OF SCIENCE
STUDENT EVALUATION OF INSTRUCTION

Winter 20042

COURSE: 51 462 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

	N=	* * * 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.	86	14	14	14	256	4490	34	50	1097	26988
(b) I learned a lot.	14	86	86	86	33	31	47	72	37	28
(c) I learned a moderate amount.	0	14	14	14	42	39	24	26	42	39
(d) I learned little.	0	0	0	0	18	22	29	2	17	23
(e) I learned practically nothing.	0	0	0	0	4	7	0	0	4	8
	0	0	0	0	2	2	0	0	1	2
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.	29	14	14	14	251	4468	34	49	1072	26883
(b) Good materials for the course.	50	29	29	29	24	20	24	33	25	19
(c) Adequate materials for the course.	21	50	50	50	41	47	26	51	45	48
(d) The materials were somewhat deficient or inadequate.	0	21	21	21	25	24	44	12	23	23
(e) Decidedly inferior materials.	0	0	0	0	6	7	6	4	5	7
	0	0	0	0	4	2	0	0	2	3
3. In general, how do you feel about the assignments.										
(a) This question is not applicable.	7	14	14	14	256	4474	34	50	1096	26887
(b) Work was relevant to course; the amount was about right.	86	7	7	7	7	18	3	4	8	14
(c) work was relevant to course; but amount was too much.	7	86	86	86	78	67	59	92	74	69
(d) Assignments were not relevant to the course.	0	7	7	7	10	10	3	4	10	11
(e) More assignments would be helpful.	0	0	0	0	1	2	0	0	1	2
	0	0	0	0	4	4	35	0	7	4
4. How adequate was your background for this course?										
(a) Background courses were satisfactory.	93	14	14	14	254	4466	34	49	1086	26818
(b) Not adequate because previous background courses were too elementary.	0	93	93	93	81	81	97	84	79	79
(c) Not adequate because previous background courses were poorly taught.	0	0	0	0	7	7	0	6	7	8
(d) Both (b) and (c).	0	0	0	0	1	5	0	0	2	5
(e) Not adequate for other reasons.	7	0	0	0	4	2	0	0	2	2
	7	7	7	7	7	6	3	10	10	6

THE INSTRUCTOR

5. Was the instructor's presentation effective in helping you understand the material associated with the course?										
(a) Extremely effective.	50	14	14	14	254	4486	34	50	1092	26953
(b) Quite good.	50	50	50	50	26	35	26	66	38	36
(c) Adequate.	0	50	50	50	44	35	44	34	42	34
	0	0	0	0	22	20	24	0	16	19

(d) Less than helpful.	0	0	0	7	7	6	0	4	8	
(e) Not helpful at all.	0	0	0	1	2	0	0	1	3	
6. How do you feel about the instructor's handling of class procedures(planning work, making assignments, announcing quizzes, etc.)	N=	14	14	14	256	4486	34	50	1096	26946
(a) Highly systematic,well organized.		57	57	57	46	55	53	76	53	57
(b) Moderately well organized.		21	21	21	34	31	26	18	35	30
(c) Somewhat organized.		14	14	14	14	10	18	4	9	9
(d) Organization inadequate.		7	7	7	4	2	3	2	2	2
(e) Confusing, unsystematic.		0	0	0	2	2	0	0	1	2
7. Was the instructor receptive and responsive to students' questions?	N=	14	14	14	255	4481	32	50	1089	26910
(a) Encouraged questions; answered them very effectively.		100	100	100	55	59	63	94	69	60
(b) Encouraged questions; answered them adequately.		0	0	0	31	28	25	6	24	27
(c) Did not particularly encourage questions, but answered them.		0	0	0	11	9	6	0	5	8
(d) Was ineffective in understanding and answering questions.		0	0	0	3	3	0	0	1	4
(e) Tended to discourage questions in class.		0	0	0	0	1	6	0	0	1
8. How accessible and helpful was the instructor?	N=	14	14	14	256	4482	34	50	1096	26902
(a) Usually accessible and helpful.		93	93	93	68	57	50	94	69	57
(b) Usually accessible but not helpful.		0	0	0	7	6	0	2	5	6
(c) Rarely accessible but helpful.		0	0	0	7	5	6	0	7	5
(d) Rarely accessible and not helpful.		0	0	0	3	1	0	0	1	2
(e) I never sought assistance.		7	7	7	15	31	44	4	18	29
9. How intellectually stimulating was the instructor?	N=	14	14	14	252	4457	34	50	1086	26751
(a) Outstanding in this respect.		43	43	43	24	27	18	52	29	25
(b) Very intellectually stimulating and challenging.		43	43	43	44	33	29	40	43	34
(c) Moderately stimulating and thought provoking.		14	14	14	20	23	41	8	21	24
(d) Somewhat thought-provoking.		0	0	0	9	9	6	0	6	9
(e) Not stimulating.		0	0	0	4	7	6	0	2	8

EXAMINATIONS

10. With regard to the number of examinations and/or quizzes in this course, there were:	N=	14	14	14	239	4189	34	50	1018	26250
(a) Too few.		7	7	7	14	10	32	6	14	11
(b) About the right number.		93	93	93	83	86	68	94	84	85
(c) Too many.		0	0	0	3	4	0	0	2	4
11. In general, how did you feel about the clearness of the examination questions?	N=	14	14	14	234	4166	34	50	1001	26132
(a) Consistently very clear.		57	57	57	53	56	47	84	54	54
(b) Moderately clear.		43	43	43	41	37	53	16	42	39
(c) Often vague and ambiguous.		0	0	0	6	7	0	0	4	7
12. Concerning the relevance of test questions to the course content, the questions provided	N=	13	13	13	230	4150	33	49	995	26010
(a) Complete coverage of important points.		69	69	69	48	55	39	82	51	52
(b) Adequate overall coverage.		23	23	23	40	37	52	16	41	39
(c) Poor overall coverage.		8	8	8	5	3	9	2	4	3
(d) Too much emphasis on details.		0	0	0	7	5	0	0	4	6
13. Concerning strictness in grading examinations, the standards were	N=	14	14	14	232	4155	34	50	998	26102
(a) Unreasonably strict.		0	0	0	6	7	0	0	5	9
(b) Strict but fair.		21	21	21	32	36	44	18	33	37
(c) About right.		79	79	79	60	56	56	82	62	53
(d) Too lenient.		0	0	0	2	1	0	0	1	1
14. With regard to consistency in grading the examination(s), the standards were	N=	14	14	14	229	4133	34	50	988	26011
(a) Always consistent.		71	71	71	62	69	65	86	67	67
(b) Usually consistent.		29	29	29	35	28	35	14	31	30
(c) Seldom consistent.		0	0	0	3	3	0	0	2	3

(b) Good.	0	0	0	0	0	0	0	18	19	
(c) Adequate.	0	0	0	0	0	0	0	6	14	
(d) Inadequate.	0	0	0	0	0	0	0	12	3	
(e) Not applicable.	0	0	0	0	100	0	0	18	40	
24.The instructional quality of the lessons on video, TV or over the web was	N=	0	0	0	0	1	0	0	18	151
(a) Very good.	0	0	0	0	0	0	0	33	15	
(b) Good.	0	0	0	0	0	0	0	33	21	
(c) Adequate.	0	0	0	0	0	0	0	6	17	
(d) Inadequate.	0	0	0	0	0	0	0	6	7	
(e) Not applicable.	0	0	0	0	100	0	0	22	41	
25.The Web access to course materials was	N=	0	0	0	0	1	0	0	18	144
(a) Very good.	0	0	0	0	0	0	0	17	22	
(b) Good.	0	0	0	0	0	0	0	50	26	
(c) Adequate.	0	0	0	0	0	0	0	0	8	
(d) Inadequate.	0	0	0	0	0	0	0	17	8	
(e) Not applicable.	0	0	0	0	100	0	0	17	35	
26.Communications with other students in the class was	N=	0	0	0	0	1	0	0	17	143
(a) Very valuable.	0	0	0	0	0	0	0	6	23	
(b) Somewhat valuable.	0	0	0	0	0	0	0	65	30	
(c) Not valuable.	0	0	0	0	0	0	0	12	10	
(d) Too complicated to bother with.	0	0	0	0	0	0	0	6	5	
(e) Not applicable.	0	0	0	0	100	0	0	12	31	
27.Compared with a face-to-face version of this course, this distance learning course was	N=	0	0	0	0	2	0	0	14	118
(a) Superior.	0	0	0	0	0	0	0	21	9	
(b) Better.	0	0	0	0	0	0	0	7	14	
(c) The same.	0	0	0	0	0	0	0	36	26	
(d) Inferior.	0	0	0	0	0	0	0	21	21	
(e) Very inferior	0	0	0	0	100	0	0	14	29	

OCE - COURSE SUMMARY REPORT

Instructor 1: Salvaggio, Carl
 Course: 1051-462-01 Digital Image Proc II
 Quarter: 20051
 Total responses: 6

PART 1

1) What is your present feeling about how much you learned in this course? (6 answered)

option	text	number	percent
(a)	I learned an exceptional amount about his subject.	3	50.0%
(b)	I learned a lot.	3	50.0%
(c)	I learned a moderate amount.	0	0.0%
(d)	I learned a little.	0	0.0%
(e)	I learned practically nothing.	0	0.0%
	Not Answered	0	0.0%

2) What is your opinion of the principal course materials (textbooks, course notes, CDs/videos, etc.) of this course? (5 answered)

option	text	number	percent
(a)	Exceptionally good materials for the course.	3	50.0%
(b)	Good materials for the course.	2	33.3%
(c)	Adequate materials for the course.	0	0.0%
(d)	The materials were somewhat deficient or inadequate.	0	0.0%
(e)	Decidedly inferior materials.	0	0.0%
	Not Answered	1	16.7%

3) In general, how do you feel about the assignments? (6 answered)

option	text	number	percent
(a)	This question is not applicable.	0	0.0%
(b)	Work was relevant to the course; the amount was about right.	6	100.0%
(c)	Work was relevant to the course; but the amount was too much.	0	0.0%
(d)	Assignments were not relevant to the course.	0	0.0%
(e)	More assignments would be helpful.	0	0.0%
	Not Answered	0	0.0%

4) How adequate was your background for this course? (6 answered)

option	text	number	percent
(a)	Background courses were satisfactory.	6	100.0%
(b)	Not adequate because previous background courses were too elementary.	0	0.0%
(c)	Not adequate because previous background course were poorly taught.	0	0.0%
(d)	Both (b) and (c).	0	0.0%
(e)	Not adequate for other reasons.	0	0.0%
	Not Answered	0	0.0%

5) Was the instructor's presentation effective in helping you understand the material associated with the course? (6 answered)

option	text	number	percent
(a)	Extremely effective.	5	83.3%
(b)	Quite good.	1	16.7%
(c)	Adequate.	0	0.0%
(d)	Less than helpful.	0	0.0%
(e)	Not helpful at all.	0	0.0%
	Not Answered	0	0.0%

6) How do you feel about the instructor's handling of the class procedures (planning work, making assignments, announcing quizzes, etc.)? (6 answered)

option	text	number	percent
(a)	Highly systematic, well organized.	5	83.3%
(b)	Moderately well organized.	1	16.7%
(c)	Somewhat organized.	0	0.0%
(d)	Organization inadequate.	0	0.0%
(e)	Confusing, unsystematic.	0	0.0%
	Not Answered	0	0.0%

7) Was the instructor receptive and responsive to students' questions? (6 answered)

option	text	number	percent
(a)	Encouraged questions; answered them very effectively.	6	100.0%
(b)	Encouraged questions; answered them adequately.	0	0.0%
(c)	Did not particularly encourage questions, but answered them.	0	0.0%
(d)	Was ineffective in understanding and answering questions.	0	0.0%
(e)	Tended to discourage questions in class.	0	0.0%

Not Answered

0

0.0%

8) How accessible and helpful was the instructor? (6 answered)

option	text	number	percent
(a)	Usually accessible and helpful.	6	100.0%
(b)	Usually accessible but not helpful.	0	0.0%
(c)	Rarely accessible but helpful.	0	0.0%
(d)	Rarely accessible and not helpful.	0	0.0%
(e)	I never sought assistance.	0	0.0%
	Not Answered	0	0.0%

9) How intellectually stimulating was the instructor? (6 answered)

option	text	number	percent
(a)	Outstanding in this respect.	6	100.0%
(b)	Very intellectually stimulating and challenging.	0	0.0%
(c)	Moderately stimulating and thought-provoking.	0	0.0%
(d)	Somewhat thought-provoking.	0	0.0%
(e)	Not stimulating.	0	0.0%
	Not Answered	0	0.0%

10) With regard to the number of examinations and/or quizzes in this course, there were: (6 answered)

option	text	number	percent
(a)	Too few.	1	16.7%
(b)	About the right number.	5	83.3%
(c)	Too many.	0	0.0%
	Not Answered	0	0.0%

11) In general, how did you feel about the clearness of examination questions? (5 answered)

option	text	number	percent
(a)	Consistently very clear.	4	66.7%
(b)	Moderately clear.	1	16.7%
(c)	Often vague and ambiguous.	0	0.0%
	Not Answered	1	16.7%

12) Concerning the relevance of test questions to the course content, the questions provided: (5 answered)

option	text	number	percent
(a)	Complete coverage of important points.	4	66.7%
(b)	Adequate overall coverage.	1	16.7%
(c)	Poor overall coverage.	0	0.0%
(d)	Too much emphasis on details.	0	0.0%
	Not Answered	1	16.7%

13) Concerning strictness in grading the examination(s), the standards were: (5 answered)

option	text	number	percent
(a)	Unreasonably strict.	0	0.0%
(b)	Strict but fair.	1	16.7%
(c)	About right.	4	66.7%
(d)	Too lenient.	0	0.0%
	Not Answered	1	16.7%

14) With regard to consistency in grading the examination(s), the standards were: (5 answered)

option	text	number	percent
(a)	Always consistent.	4	66.7%
(b)	Usually consistent.	1	16.7%
(c)	Seldom consistent.	0	0.0%
	Not Answered	1	16.7%

15) In general, were the laboratory experiments of value either in developing techniques and experience or in contributing to understanding of the subject? (0 answered)

option	text	number	percent
(a)	Extremely valuable.	0	0.0%
(b)	Very valuable.	0	0.0%
(c)	Moderately valuable.	0	0.0%
(d)	Somewhat valuable.	0	0.0%
(e)	Of little value.	0	0.0%

Not Answered	6	100.0%
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16) In explaining the laboratory and assisting the student during the laboratory, the instructor was: (0 answered)

option	text	number	percent
(a)	Very helpful.	0	0.0%
(b)	Sometimes helpful.	0	0.0%
(c)	Of little help.	0	0.0%
(d)	Seriously deficient.	0	0.0%
	Not Answered	6	100.0%

17) Was the laboratory instructor receptive and responsive to students' questions? (0 answered)

option	text	number	percent
(a)	Encouraged questions; answered them effectively.	0	0.0%
(b)	Encouraged questions; answered them adequately.	0	0.0%
(c)	Did not particularly encourage questions, but answered them.	0	0.0%
(d)	Was ineffective in understanding and answering questions.	0	0.0%
(e)	Tended to discourage questions in class.	0	0.0%
	Not Answered	6	100.0%

18) How available and helpful was the laboratory instructor outside of class? (0 answered)

option	text	number	percent
(a)	Usually available and helpful.	0	0.0%
(b)	Usually available but not helpful.	0	0.0%
(c)	Rarely available but helpful	0	0.0%
(d)	Rarely available and not helpful	0	0.0%
(e)	I don't know; I never sought assistance.	0	0.0%
	Not Answered	6	100.0%

19) For the laboratory, the written materials, manuals, instructions sheets, etc. were: (0 answered)

option	text	number	percent
(a)	Extremely helpful.	0	0.0%
(b)	Very helpful.	0	0.0%
(c)	Adequate.	0	0.0%
(d)	Somewhat helpful.	0	0.0%
(e)	No helpful.	0	0.0%
	Not Answered	6	100.0%

20) Concerning the grading of laboratory notebooks and reports, the instructor was: (0 answered)

option	text	number	percent
(a)	Usually fair and thorough.	0	0.0%
(b)	Usually too strict but thorough.	0	0.0%
(c)	Often not thorough.	0	0.0%
(d)	This question does not apply.	0	0.0%
	Not Answered	6	100.0%

21) Concerning the organization of the laboratory, the materials, supplies, and room were usually: (0 answered)

option	text	number	percent
(a)	Very well organized, neat.	0	0.0%
(b)	Moderately well organized, adequately neat.	0	0.0%
(c)	Poorly organized, lacking in neatness.	0	0.0%
	Not Answered	6	100.0%

22) How well did the printed, CD, or Web material, provided prior to the beginning of the course, describe how the course would operate? (0 answered)

option	text	number	percent
(a)	Very good.	0	0.0%
(b)	Good.	0	0.0%
(c)	Adequate.	0	0.0%
(d)	Inadequate.	0	0.0%
(e)	Not applicable.	0	0.0%
	Not Answered	6	100.0%

23) The technical quality of the lessons presented on video, TV, or over the Web was: (0 answered)

option	text	number	percent
(a)	Very good.	0	0.0%
(b)	Good.	0	0.0%
(c)	Adequate.	0	0.0%
(d)	Inadequate.	0	0.0%
(e)	Not applicable.	0	0.0%
	Not Answered	6	100.0%

24) The instructional quality of the lessons on video, TV, or over the Web was: (0 answered)

option	text	number	percent
(a)	Very good.	0	0.0%
(b)	Good.	0	0.0%
(c)	Adequate.	0	0.0%
(d)	Inadequate.	0	0.0%
(e)	Not applicable.	0	0.0%
	Not Answered	6	100.0%

25) The Web access to course materials was: (0 answered)

option	text	number	percent
(a)	Very good.	0	0.0%
(b)	Good.	0	0.0%
(c)	Adequate.	0	0.0%
(d)	Inadequate.	0	0.0%
(e)	Not applicable.	0	0.0%
	Not Answered	6	100.0%

26) Communication with other students in the class was: (0 answered)

option	text	number	percent
(a)	Very valuable.	0	0.0%
(b)	Somewhat valuable.	0	0.0%
(c)	Not valuable.	0	0.0%
(d)	Too complicated to both with.	0	0.0%
(e)	Not applicable.	0	0.0%
	Not Answered	6	100.0%

27) Compared with a face-to-face version of this course, this distance learning course was: (0 answered)

option	text	number	percent
(a)	Superior.	0	0.0%
(b)	Better.	0	0.0%
(c)	The same.	0	0.0%
(d)	Inferior.	0	0.0%
(e)	Very inferior.	0	0.0%
	Not Answered	6	100.0%

28) The College of Science is particularly interested 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, textbooks, videos, etc.)
- the technology (computers, FirstClass, CourseInfo, etc.)
- general comments on other aspects of the course (lecture style, distance learning mode, etc.) (4 answered)

- This course starts out a little slow, perhaps if the watermarking was delivered first in the year that would be easier to have the first project early also.
- Good course. Nicely done. You rock, Carl!
- Mark this on your calendar....I admit I was wrong about image registration. Oh well, Bruuuuuuuuuuuuuuce!

- Thanks Carl !! Class was fine, no need to change anything! (Maybe some more time to work on image compression though...) BRUUUUUCE!

OCE - COURSE DETAIL REPORT**20051 1051-462-01 Digital Image Proc II**

Instructor: Salvaggio, Carl

System Template #29

20051 Results							Cumulative Results				
order	number	question	section	course	instructor	department	college	course cumulative	instructor cumulative	department cumulative	college cumulative
1.	427 MC	What is your present feeling about <u>how much you learned</u> in this course?									
		number of responses (N)	6	6	11	238	3173	6	29	374	8105
1.		I learned an exceptional amount about his subject.	3 (50.0%)	3 (50.0%)	4 (36.4%)	54 (22.7%)	573 (18.1%)	3 (50.0%)	11 (37.9%)	84 (22.5%)	1552 (19.1%)
2.		I learned a lot.	3 (50.0%)	3 (50.0%)	7 (63.6%)	88 (37.0%)	1191 (37.5%)	3 (50.0%)	15 (51.7%)	158 (42.2%)	3218 (39.7%)
3.		I learned a moderate amount.	0 (0.0%)	0 (0.0%)	0 (0.0%)	59 (24.8%)	868 (27.4%)	0 (0.0%)	3 (10.3%)	89 (23.8%)	2141 (26.4%)
4.		I learned a little.	0 (0.0%)	0 (0.0%)	0 (0.0%)	36 (15.1%)	419 (13.2%)	0 (0.0%)	0 (0.0%)	42 (11.2%)	905 (11.2%)
5.		I learned practically nothing.	0 (0.0%)	0 (0.0%)	0 (0.0%)	1 (0.4%)	122 (3.8%)	0 (0.0%)	0 (0.0%)	1 (0.3%)	289 (3.6%)
2.	428 MC	What is your opinion of the <u>principal course materials</u> (textbooks, course notes, CDs/videos, etc.) of this course?									
		number of responses (N)	5	5	10	200	3029	5	26	327	7860
1.		Exceptionally good materials for the course.	3 (60.0%)	3 (60.0%)	5 (50.0%)	47 (23.5%)	504 (16.6%)	3 (60.0%)	13 (50.0%)	68 (20.8%)	1194 (15.2%)
2.		Good materials for the course.	2 (40.0%)	2 (40.0%)	3 (30.0%)	67 (33.5%)	1187 (39.2%)	2 (40.0%)	9 (34.6%)	124 (37.9%)	3382 (43.0%)
3.		Adequate materials for the course.	0 (0.0%)	0 (0.0%)	2 (20.0%)	56 (28.0%)	878 (29.0%)	0 (0.0%)	4 (15.4%)	82 (25.1%)	2231 (28.4%)
4.		The materials were somewhat deficient or inadequate.	0 (0.0%)	0 (0.0%)	0 (0.0%)	21 (10.5%)	330 (10.9%)	0 (0.0%)	0 (0.0%)	42 (12.8%)	782 (9.9%)
5.		Decidedly inferior materials.	0 (0.0%)	0 (0.0%)	0 (0.0%)	9 (4.5%)	130 (4.3%)	0 (0.0%)	0 (0.0%)	11 (3.4%)	271 (3.4%)
3.	429 MC	In general, how do you feel about the <u>assignments</u> ?									
		number of responses (N)	6	6	11	235	3060	6	29	369	7904
1.		This question is not applicable.	0 (0.0%)	0 (0.0%)	0 (0.0%)	12 (5.1%)	341 (11.1%)	0 (0.0%)	0 (0.0%)	19 (5.1%)	605 (7.7%)
2.		Work was relevant to the course; the amount	6 (100.0%)	6 (100.0%)	11 (100.0%)	164 (69.8%)	2027 (66.2%)	6 (100.0%)	28 (96.6%)	259 (70.2%)	5572 (70.5%)

		was about right.									
3.		Work was relevant to the course; but the amount was too much.	0 (0.0%)	0 (0.0%)	0 (0.0%)	41 (17.4%)	418 (13.7%)	0 (0.0%)	1 (3.4%)	62 (16.8%)	1135 (14.4%)
4.		Assignments were not relevant to the course.	0 (0.0%)	0 (0.0%)	0 (0.0%)	10 (4.3%)	137 (4.5%)	0 (0.0%)	0 (0.0%)	11 (3.0%)	258 (3.3%)
5.		More assignments would be helpful.	0 (0.0%)	0 (0.0%)	0 (0.0%)	8 (3.4%)	137 (4.5%)	0 (0.0%)	0 (0.0%)	18 (4.9%)	334 (4.2%)
4.	430 MC	How adequate was your <u>background</u> for this course?									
		number of responses (N)	6	6	10	210	2892	6	28	343	7644
1.		Background courses were satisfactory.	6 (100.0%)	6 (100.0%)	9 (90.0%)	154 (73.3%)	2109 (72.9%)	6 (100.0%)	24 (85.7%)	265 (77.3%)	5943 (77.7%)
2.		Not adequate because previous background courses were too elementary.	0 (0.0%)	0 (0.0%)	0 (0.0%)	18 (8.6%)	230 (8.0%)	0 (0.0%)	1 (3.6%)	26 (7.6%)	464 (6.1%)
3.		Not adequate because previous background course were poorly taught.	0 (0.0%)	0 (0.0%)	0 (0.0%)	3 (1.4%)	157 (5.4%)	0 (0.0%)	1 (3.6%)	7 (2.0%)	417 (5.5%)
4.		Both (b) and (c).	0 (0.0%)	0 (0.0%)	0 (0.0%)	3 (1.4%)	128 (4.4%)	0 (0.0%)	0 (0.0%)	4 (1.2%)	230 (3.0%)
5.		Not adequate for other reasons.	0 (0.0%)	0 (0.0%)	1 (10.0%)	32 (15.2%)	268 (9.3%)	0 (0.0%)	2 (7.1%)	41 (12.0%)	590 (7.7%)
5.	431 MC	Was the <u>instructor's presentation</u> effective in helping you understand the material associated with the course?									
		number of responses (N)	6	6	11	231	3155	6	29	364	8084
1.		Extremely effective.	5 (83.3%)	5 (83.3%)	7 (63.6%)	69 (29.9%)	818 (25.9%)	5 (83.3%)	16 (55.2%)	103 (28.3%)	2263 (28.0%)
2.		Quite good.	1 (16.7%)	1 (16.7%)	4 (36.4%)	89 (38.5%)	1091 (34.6%)	1 (16.7%)	12 (41.4%)	146 (40.1%)	2838 (35.1%)
3.		Adequate.	0 (0.0%)	0 (0.0%)	0 (0.0%)	55 (23.8%)	756 (24.0%)	0 (0.0%)	1 (3.4%)	86 (23.6%)	1826 (22.6%)
4.		Less than helpful.	0 (0.0%)	0 (0.0%)	0 (0.0%)	15 (6.5%)	338 (10.7%)	0 (0.0%)	0 (0.0%)	25 (6.9%)	798 (9.9%)
5.		Not helpful at all.	0 (0.0%)	0 (0.0%)	0 (0.0%)	3 (1.3%)	152 (4.8%)	0 (0.0%)	0 (0.0%)	4 (1.1%)	359 (4.4%)
6.	432 MC	How do you feel about the instructor's handling of the <u>class procedures</u> (planning work, making assignments, announcing quizzes, etc.)?									
		number of responses (N)	6	6	11	227	3144	6	29	365	8076
1.		Highly systematic, well organized.	5 (83.3%)	5 (83.3%)	9 (81.8%)	112 (49.3%)	1256 (39.9%)	5 (83.3%)	20 (69.0%)	170 (46.6%)	3483 (43.1%)
2.		Moderately well organized.	1 (16.7%)	1 (16.7%)	2 (18.2%)	74 (32.6%)	1164 (37.0%)	1 (16.7%)	9 (31.0%)	126 (34.5%)	2871 (35.5%)
3.		Somewhat organized.	0 (0.0%)	0 (0.0%)	0 (0.0%)	27 (11.9%)	460 (14.6%)	0 (0.0%)	0 (0.0%)	50 (13.7%)	1090 (13.5%)
4.		Organization									

4.	Organization inadequate.	0 (0.0%)	0 (0.0%)	0 (0.0%)	9 (4.0%)	124 (3.9%)	0 (0.0%)	0 (0.0%)	14 (3.8%)	327 (4.0%)
5.	Confusing, unsystematic.	0 (0.0%)	0 (0.0%)	0 (0.0%)	5 (2.2%)	140 (4.5%)	0 (0.0%)	0 (0.0%)	5 (1.4%)	305 (3.8%)
7.	433 MC	Was the instructor receptive and responsive to <u>students' questions</u> ?								
	number of responses (N)	6	6	12	226	3115	6	30	362	8018
1.	Encouraged questions; answered them very effectively.	6 (100.0%)	6 (100.0%)	11 (91.7%)	131 (58.0%)	1469 (47.2%)	6 (100.0%)	29 (96.7%)	208 (57.5%)	3952 (49.3%)
2.	Encouraged questions; answered them adequately.	0 (0.0%)	0 (0.0%)	1 (8.3%)	69 (30.5%)	992 (31.8%)	0 (0.0%)	1 (3.3%)	116 (32.0%)	2576 (32.1%)
3.	Did not particularly encourage questions, but answered them.	0 (0.0%)	0 (0.0%)	0 (0.0%)	16 (7.1%)	407 (13.1%)	0 (0.0%)	0 (0.0%)	25 (6.9%)	901 (11.2%)
4.	Was ineffective in understanding and answering questions.	0 (0.0%)	0 (0.0%)	0 (0.0%)	9 (4.0%)	197 (6.3%)	0 (0.0%)	0 (0.0%)	12 (3.3%)	483 (6.0%)
5.	Tended to discourage questions in class.	0 (0.0%)	0 (0.0%)	0 (0.0%)	1 (0.4%)	50 (1.6%)	0 (0.0%)	0 (0.0%)	1 (0.3%)	106 (1.3%)
8.	434 MC	How <u>accessible and helpful</u> was the instructor?								
	number of responses (N)	6	6	12	222	3070	6	30	356	7923
1.	Usually accessible and helpful.	6 (100.0%)	6 (100.0%)	12 (100.0%)	157 (70.7%)	1771 (57.7%)	6 (100.0%)	27 (90.0%)	257 (72.2%)	4559 (57.5%)
2.	Usually accessible but not helpful.	0 (0.0%)	0 (0.0%)	0 (0.0%)	11 (5.0%)	195 (6.4%)	0 (0.0%)	0 (0.0%)	17 (4.8%)	483 (6.1%)
3.	Rarely accessible but helpful.	0 (0.0%)	0 (0.0%)	0 (0.0%)	7 (3.2%)	178 (5.8%)	0 (0.0%)	2 (6.7%)	19 (5.3%)	364 (4.6%)
4.	Rarely accessible and not helpful.	0 (0.0%)	0 (0.0%)	0 (0.0%)	4 (1.8%)	94 (3.1%)	0 (0.0%)	0 (0.0%)	6 (1.7%)	208 (2.6%)
5.	I never sought assistance.	0 (0.0%)	0 (0.0%)	0 (0.0%)	43 (19.4%)	832 (27.1%)	0 (0.0%)	1 (3.3%)	57 (16.0%)	2309 (29.1%)
9.	435 MC	How <u>intellectually</u> stimulating was the instructor?								
	number of responses (N)	6	6	12	225	3077	6	30	361	7953
1.	Outstanding in this respect.	6 (100.0%)	6 (100.0%)	9 (75.0%)	76 (33.8%)	695 (22.6%)	6 (100.0%)	18 (60.0%)	108 (29.9%)	1827 (23.0%)
2.	Very intellectually stimulating and challenging.	0 (0.0%)	0 (0.0%)	3 (25.0%)	52 (23.1%)	831 (27.0%)	0 (0.0%)	11 (36.7%)	110 (30.5%)	2337 (29.4%)
3.	Moderately stimulating and thought-provoking.	0 (0.0%)	0 (0.0%)	0 (0.0%)	67 (29.8%)	825 (26.8%)	0 (0.0%)	1 (3.3%)	97 (26.9%)	2133 (26.8%)

4.	Somewhat thought-provoking.	0 (0.0%)	0 (0.0%)	0 (0.0%)	19 (8.4%)	388 (12.6%)	0 (0.0%)	0 (0.0%)	30 (8.3%)	865 (10.9%)
5.	Not stimulating.	0 (0.0%)	0 (0.0%)	0 (0.0%)	11 (4.9%)	338 (11.0%)	0 (0.0%)	0 (0.0%)	16 (4.4%)	791 (9.9%)
10.	436 MC	With regard to the <u>number of examinations</u> and/or quizzes in this course, there were:								
	number of responses (N)	6	6	11	181	2656	6	29	300	7268
1.	Too few.	1 (16.7%)	1 (16.7%)	1 (9.1%)	18 (9.9%)	270 (10.2%)	1 (16.7%)	2 (6.9%)	28 (9.3%)	638 (8.8%)
2.	About the right number.	5 (83.3%)	5 (83.3%)	10 (90.9%)	157 (86.7%)	2288 (86.1%)	5 (83.3%)	27 (93.1%)	263 (87.7%)	6344 (87.3%)
3.	Too many.	0 (0.0%)	0 (0.0%)	0 (0.0%)	6 (3.3%)	98 (3.7%)	0 (0.0%)	0 (0.0%)	9 (3.0%)	286 (3.9%)
11.	437 MC	In general, how did you feel about the <u>clearness of examination questions</u> ?								
	number of responses (N)	5	5	10	166	2591	5	28	285	7167
1.	Consistently very clear.	4 (80.0%)	4 (80.0%)	8 (80.0%)	68 (41.0%)	1128 (43.5%)	4 (80.0%)	21 (75.0%)	131 (46.0%)	3443 (48.0%)
2.	Moderately clear.	1 (20.0%)	1 (20.0%)	2 (20.0%)	88 (53.0%)	1164 (44.9%)	1 (20.0%)	7 (25.0%)	135 (47.4%)	3048 (42.5%)
3.	Often vague and ambiguous.	0 (0.0%)	0 (0.0%)	0 (0.0%)	10 (6.0%)	299 (11.5%)	0 (0.0%)	0 (0.0%)	19 (6.7%)	676 (9.4%)
12.	438 MC	Concerning the <u>relevance of test questions</u> to the course content, the questions provided:								
	number of responses (N)	5	5	10	166	2579	5	28	283	7137
1.	Complete coverage of important points.	4 (80.0%)	4 (80.0%)	9 (90.0%)	75 (45.2%)	992 (38.5%)	4 (80.0%)	23 (82.1%)	126 (44.5%)	2943 (41.2%)
2.	Adequate overall coverage.	1 (20.0%)	1 (20.0%)	1 (10.0%)	73 (44.0%)	1248 (48.4%)	1 (20.0%)	5 (17.9%)	133 (47.0%)	3422 (47.9%)
3.	Poor overall coverage.	0 (0.0%)	0 (0.0%)	0 (0.0%)	8 (4.8%)	143 (5.5%)	0 (0.0%)	0 (0.0%)	9 (3.2%)	327 (4.6%)
4.	Too much emphasis on details.	0 (0.0%)	0 (0.0%)	0 (0.0%)	10 (6.0%)	196 (7.6%)	0 (0.0%)	0 (0.0%)	15 (5.3%)	445 (6.2%)
13.	439 MC	Concerning <u>strictness in grading</u> the examination(s), the standards were:								
	number of responses (N)	5	5	10	170	2632	5	28	287	7231
1.	Unreasonably strict.	0 (0.0%)	0 (0.0%)	0 (0.0%)	18 (10.6%)	213 (8.1%)	0 (0.0%)	0 (0.0%)	21 (7.3%)	651 (9.0%)
2.	Strict but fair.	1 (20.0%)	1 (20.0%)	1 (10.0%)	50 (29.4%)	899 (34.2%)	1 (20.0%)	4 (14.3%)	80 (27.9%)	2506 (34.7%)
3.	About right.	4 (80.0%)	4 (80.0%)	9 (90.0%)	100 (58.8%)	1494 (56.8%)	4 (80.0%)	24 (85.7%)	184 (64.1%)	4023 (55.6%)
4.	Too lenient.	0 (0.0%)	0 (0.0%)	0 (0.0%)	2 (1.2%)	26 (1.0%)	0 (0.0%)	0 (0.0%)	2 (0.7%)	51 (0.7%)
14.	440 MC	With regard to <u>consistency in grading</u> the examination(s), the standards were:								
	number of responses (N)	5	5	10	166	2613	5	28	285	7147
1.	Always consistent.	4 (80.0%)	4 (80.0%)	9 (90.0%)	83 (50.0%)	1470 (56.3%)	4 (80.0%)	21 (75.0%)	143 (50.2%)	4099 (57.4%)
2.	Usually consistent.	1 (20.0%)	1 (20.0%)	1 (10.0%)	76 (45.8%)	1047 (40.1%)	1 (20.0%)	7 (25.0%)	132 (46.3%)	2778 (38.9%)

3.	Seldom consistent.	0 (0.0%)	0 (0.0%)	0 (0.0%)	7 (4.2%)	96 (3.7%)	0 (0.0%)	0 (0.0%)	10 (3.5%)	270 (3.8%)
15.	441 MC	In general, were the laboratory experiments of <u>value</u> either in developing techniques and experience or in contributing to understanding of the subject?								
	number of responses (N)	0	0	0	123	1966	0	0	154	4576
1.	Extremely valuable.	0 (0.0%)	0 (0.0%)	0 (0.0%)	19 (15.4%)	384 (19.5%)	0 (0.0%)	0 (0.0%)	30 (19.5%)	897 (19.6%)
2.	Very valuable.	0 (0.0%)	0 (0.0%)	0 (0.0%)	26 (21.1%)	600 (30.5%)	0 (0.0%)	0 (0.0%)	39 (25.3%)	1486 (32.5%)
3.	Moderately valuable.	0 (0.0%)	0 (0.0%)	0 (0.0%)	51 (41.5%)	596 (30.3%)	0 (0.0%)	0 (0.0%)	56 (36.4%)	1347 (29.4%)
4.	Somewhat valuable.	0 (0.0%)	0 (0.0%)	0 (0.0%)	17 (13.8%)	230 (11.7%)	0 (0.0%)	0 (0.0%)	18 (11.7%)	491 (10.7%)
5.	Of little value.	0 (0.0%)	0 (0.0%)	0 (0.0%)	10 (8.1%)	156 (7.9%)	0 (0.0%)	0 (0.0%)	11 (7.1%)	355 (7.8%)
16.	442 MC	In explaining the laboratory and assisting the student during the laboratory, <u>the instructor</u> was:								
	number of responses (N)	0	0	0	115	1940	0	0	145	4513
1.	Very helpful.	0 (0.0%)	0 (0.0%)	0 (0.0%)	44 (38.3%)	1027 (52.9%)	0 (0.0%)	0 (0.0%)	61 (42.1%)	2435 (54.0%)
2.	Sometimes helpful.	0 (0.0%)	0 (0.0%)	0 (0.0%)	44 (38.3%)	657 (33.9%)	0 (0.0%)	0 (0.0%)	55 (37.9%)	1511 (33.5%)
3.	Of little help.	0 (0.0%)	0 (0.0%)	0 (0.0%)	17 (14.8%)	168 (8.7%)	0 (0.0%)	0 (0.0%)	17 (11.7%)	377 (8.4%)
4.	Seriously deficient.	0 (0.0%)	0 (0.0%)	0 (0.0%)	10 (8.7%)	88 (4.5%)	0 (0.0%)	0 (0.0%)	12 (8.3%)	190 (4.2%)
17.	443 MC	Was the laboratory instructor receptive and responsive to <u>students' questions</u> ?								
	number of responses (N)	0	0	0	111	1913	0	0	143	4473
1.	Encouraged questions; answered them effectively.	0 (0.0%)	0 (0.0%)	0 (0.0%)	44 (39.6%)	857 (44.8%)	0 (0.0%)	0 (0.0%)	60 (42.0%)	2007 (44.9%)
2.	Encouraged questions; answered them adequately.	0 (0.0%)	0 (0.0%)	0 (0.0%)	31 (27.9%)	567 (29.6%)	0 (0.0%)	0 (0.0%)	43 (30.1%)	1376 (30.8%)
3.	Did not particularly encourage questions, but answered them.	0 (0.0%)	0 (0.0%)	0 (0.0%)	24 (21.6%)	321 (16.8%)	0 (0.0%)	0 (0.0%)	27 (18.9%)	707 (15.8%)
4.	Was ineffective in understanding and answering questions.	0 (0.0%)	0 (0.0%)	0 (0.0%)	9 (8.1%)	138 (7.2%)	0 (0.0%)	0 (0.0%)	10 (7.0%)	318 (7.1%)
5.	Tended to discourage questions in class.	0 (0.0%)	0 (0.0%)	0 (0.0%)	3 (2.7%)	30 (1.6%)	0 (0.0%)	0 (0.0%)	3 (2.1%)	65 (1.5%)
18.	444 MC	How <u>available and helpful</u> was the laboratory instructor outside of class?								
	number of responses (N)	0	0	0	112	1882	0	0	145	4379
1.	Usually available and helpful.	0 (0.0%)	0 (0.0%)	0 (0.0%)	47 (42.0%)	845 (44.9%)	0 (0.0%)	0 (0.0%)	70 (48.3%)	2001 (45.7%)
2.	Usually available but not	0 (0.0%)	0 (0.0%)	0 (0.0%)	7 (6.2%)	109 (5.8%)	0 (0.0%)	0 (0.0%)	8 (5.5%)	267 (6.0%)

	helpful.	0 (0.0%)	0 (0.0%)	0 (0.0%)	7 (8.0%)	109 (38.8%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	202 (0.0%)
3.	Rarely available but helpful	0 (0.0%)	0 (0.0%)	0 (0.0%)	9 (8.0%)	127 (6.7%)	0 (0.0%)	0 (0.0%)	12 (8.3%)	239 (5.5%)
4.	Rarely available and not helpful	0 (0.0%)	0 (0.0%)	0 (0.0%)	2 (1.8%)	71 (3.8%)	0 (0.0%)	0 (0.0%)	3 (2.1%)	141 (3.2%)
5.	I don't know; I never sought assistance.	0 (0.0%)	0 (0.0%)	0 (0.0%)	47 (42.0%)	730 (38.8%)	0 (0.0%)	0 (0.0%)	52 (35.9%)	1736 (39.6%)
19.	445 MC	For the laboratory, the <u>written materials, manuals, instructions sheets, etc.</u> were:								
	number of responses (N)	0	0	0	114	1883	0	0	144	4372
1.	Extremely helpful.	0 (0.0%)	0 (0.0%)	0 (0.0%)	15 (13.2%)	359 (19.1%)	0 (0.0%)	0 (0.0%)	28 (19.4%)	848 (19.4%)
2.	Very helpful.	0 (0.0%)	0 (0.0%)	0 (0.0%)	39 (34.2%)	620 (32.9%)	0 (0.0%)	0 (0.0%)	48 (33.3%)	1461 (33.4%)
3.	Adequate.	0 (0.0%)	0 (0.0%)	0 (0.0%)	40 (35.1%)	638 (33.9%)	0 (0.0%)	0 (0.0%)	46 (31.9%)	1472 (33.7%)
4.	Somewhat helpful.	0 (0.0%)	0 (0.0%)	0 (0.0%)	15 (13.2%)	200 (10.6%)	0 (0.0%)	0 (0.0%)	16 (11.1%)	430 (9.8%)
5.	No helpful.	0 (0.0%)	0 (0.0%)	0 (0.0%)	5 (4.4%)	66 (3.5%)	0 (0.0%)	0 (0.0%)	6 (4.2%)	161 (3.7%)
20.	446 MC	Concerning the grading of <u>laboratory notebooks and reports</u> , the instructor was:								
	number of responses (N)	0	0	0	113	1795	0	0	147	4222
1.	Usually fair and thorough.	0 (0.0%)	0 (0.0%)	0 (0.0%)	83 (73.5%)	1098 (61.2%)	0 (0.0%)	0 (0.0%)	103 (70.1%)	2645 (62.6%)
2.	Usually too strict but thorough.	0 (0.0%)	0 (0.0%)	0 (0.0%)	17 (15.0%)	342 (19.1%)	0 (0.0%)	0 (0.0%)	23 (15.6%)	801 (19.0%)
3.	Often not thorough.	0 (0.0%)	0 (0.0%)	0 (0.0%)	10 (8.8%)	111 (6.2%)	0 (0.0%)	0 (0.0%)	11 (7.5%)	234 (5.5%)
4.	This question does not apply.	0 (0.0%)	0 (0.0%)	0 (0.0%)	3 (2.7%)	244 (13.6%)	0 (0.0%)	0 (0.0%)	10 (6.8%)	542 (12.8%)
21.	447 MC	Concerning the <u>organization of the laboratory</u> , the materials, supplies, and room were usually:								
	number of responses (N)	0	0	0	107	1817	0	0	135	4249
1.	Very well organized, neat.	0 (0.0%)	0 (0.0%)	0 (0.0%)	36 (33.6%)	939 (51.7%)	0 (0.0%)	0 (0.0%)	53 (39.3%)	2346 (55.2%)
2.	Moderately well organized, adequately neat.	0 (0.0%)	0 (0.0%)	0 (0.0%)	60 (56.1%)	786 (43.3%)	0 (0.0%)	0 (0.0%)	71 (52.6%)	1700 (40.0%)
3.	Poorly organized, lacking in neatness.	0 (0.0%)	0 (0.0%)	0 (0.0%)	11 (10.3%)	92 (5.1%)	0 (0.0%)	0 (0.0%)	11 (8.1%)	203 (4.8%)
22.	448 MC	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?								
	number of responses (N)	0	0	0	45	1148	0	0	64	2358
1.	Very good.	0 (0.0%)	0 (0.0%)	0 (0.0%)	10 (22.2%)	130 (11.3%)	0 (0.0%)	0 (0.0%)	11 (17.2%)	254 (10.8%)

2.	Good.	0 (0.0%)	0 (0.0%)	0 (0.0%)	5 (11.1%)	189 (16.5%)	0 (0.0%)	0 (0.0%)	10 (15.6%)	363 (15.4%)
3.	Adequate.	0 (0.0%)	0 (0.0%)	0 (0.0%)	8 (17.8%)	134 (11.7%)	0 (0.0%)	0 (0.0%)	11 (17.2%)	231 (9.8%)
4.	Inadequate.	0 (0.0%)	0 (0.0%)	0 (0.0%)	3 (6.7%)	70 (6.1%)	0 (0.0%)	0 (0.0%)	3 (4.7%)	119 (5.0%)
5.	Not applicable.	0 (0.0%)	0 (0.0%)	0 (0.0%)	19 (42.2%)	625 (54.4%)	0 (0.0%)	0 (0.0%)	29 (45.3%)	1391 (59.0%)
23.	449 MC	The <u>technical quality</u> of the lessons presented on video, TV, or over the Web was:								
	number of responses (N)	0	0	0	44	1141	0	0	63	2339
1.	Very good.	0 (0.0%)	0 (0.0%)	0 (0.0%)	13 (29.5%)	114 (10.0%)	0 (0.0%)	0 (0.0%)	16 (25.4%)	221 (9.4%)
2.	Good.	0 (0.0%)	0 (0.0%)	0 (0.0%)	7 (15.9%)	190 (16.7%)	0 (0.0%)	0 (0.0%)	12 (19.0%)	338 (14.5%)
3.	Adequate.	0 (0.0%)	0 (0.0%)	0 (0.0%)	3 (6.8%)	136 (11.9%)	0 (0.0%)	0 (0.0%)	3 (4.8%)	212 (9.1%)
4.	Inadequate.	0 (0.0%)	0 (0.0%)	0 (0.0%)	3 (6.8%)	57 (5.0%)	0 (0.0%)	0 (0.0%)	6 (9.5%)	88 (3.8%)
5.	Not applicable.	0 (0.0%)	0 (0.0%)	0 (0.0%)	18 (40.9%)	644 (56.4%)	0 (0.0%)	0 (0.0%)	26 (41.3%)	1480 (63.3%)
24.	450 MC	The instructional quality of the lessons on video, TV, or over the Web was:								
	number of responses (N)	0	0	0	42	1118	0	0	61	2313
1.	Very good.	0 (0.0%)	0 (0.0%)	0 (0.0%)	11 (26.2%)	97 (8.7%)	0 (0.0%)	0 (0.0%)	15 (24.6%)	208 (9.0%)
2.	Good.	0 (0.0%)	0 (0.0%)	0 (0.0%)	7 (16.7%)	176 (15.7%)	0 (0.0%)	0 (0.0%)	11 (18.0%)	296 (12.8%)
3.	Adequate.	0 (0.0%)	0 (0.0%)	0 (0.0%)	3 (7.1%)	116 (10.4%)	0 (0.0%)	0 (0.0%)	4 (6.6%)	201 (8.7%)
4.	Inadequate.	0 (0.0%)	0 (0.0%)	0 (0.0%)	4 (9.5%)	68 (6.1%)	0 (0.0%)	0 (0.0%)	5 (8.2%)	102 (4.4%)
5.	Not applicable.	0 (0.0%)	0 (0.0%)	0 (0.0%)	17 (40.5%)	661 (59.1%)	0 (0.0%)	0 (0.0%)	26 (42.6%)	1506 (65.1%)
25.	451 MC	The <u>Web access</u> to course materials was:								
	number of responses (N)	0	0	0	45	1181	0	0	65	2436
1.	Very good.	0 (0.0%)	0 (0.0%)	0 (0.0%)	23 (51.1%)	210 (17.8%)	0 (0.0%)	0 (0.0%)	26 (40.0%)	396 (16.3%)
2.	Good.	0 (0.0%)	0 (0.0%)	0 (0.0%)	4 (8.9%)	236 (20.0%)	0 (0.0%)	0 (0.0%)	9 (13.8%)	460 (18.9%)
3.	Adequate.	0 (0.0%)	0 (0.0%)	0 (0.0%)	3 (6.7%)	135 (11.4%)	0 (0.0%)	0 (0.0%)	6 (9.2%)	238 (9.8%)
4.	Inadequate.	0 (0.0%)	0 (0.0%)	0 (0.0%)	1 (2.2%)	67 (5.7%)	0 (0.0%)	0 (0.0%)	2 (3.1%)	114 (4.7%)
5.	Not applicable.	0 (0.0%)	0 (0.0%)	0 (0.0%)	14 (31.1%)	533 (45.1%)	0 (0.0%)	0 (0.0%)	22 (33.8%)	1228 (50.4%)
26.	452 MC	<u>Communication with other students</u> in the class was:								
	number of responses (N)	0	0	0	42	1179	0	0	61	2427
1.	Very valuable.	0 (0.0%)	0 (0.0%)	0 (0.0%)	10 (23.8%)	255 (21.6%)	0 (0.0%)	0 (0.0%)	14 (23.0%)	473 (19.5%)
2.	Somewhat valuable.	0 (0.0%)	0 (0.0%)	0 (0.0%)	10 (23.8%)	302 (25.6%)	0 (0.0%)	0 (0.0%)	17 (27.9%)	565 (23.3%)
3.	Not valuable.	0 (0.0%)	0 (0.0%)	0 (0.0%)	4 (9.5%)	81 (6.9%)	0 (0.0%)	0 (0.0%)	5 (8.2%)	163 (6.7%)

4.	Too complicated to both with.	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	32 (2.7%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	53 (2.2%)
5.	Not applicable.	0 (0.0%)	0 (0.0%)	0 (0.0%)	18 (42.9%)	509 (43.2%)	0 (0.0%)	0 (0.0%)	25 (41.0%)	1173 (48.3%)
27.	453 MC Compared with a <u>face-to-face version</u> of this course, this distance learning course was:									
	number of responses (N)	0	0	0	26	476	0	0	35	861
1.	Superior.	0 (0.0%)	0 (0.0%)	0 (0.0%)	5 (19.2%)	47 (9.9%)	0 (0.0%)	0 (0.0%)	5 (14.3%)	97 (11.3%)
2.	Better.	0 (0.0%)	0 (0.0%)	0 (0.0%)	5 (19.2%)	104 (21.8%)	0 (0.0%)	0 (0.0%)	5 (14.3%)	170 (19.7%)
3.	The same.	0 (0.0%)	0 (0.0%)	0 (0.0%)	6 (23.1%)	125 (26.3%)	0 (0.0%)	0 (0.0%)	10 (28.6%)	228 (26.5%)
4.	Inferior.	0 (0.0%)	0 (0.0%)	0 (0.0%)	2 (7.7%)	86 (18.1%)	0 (0.0%)	0 (0.0%)	6 (17.1%)	136 (15.8%)
5.	Very inferior.	0 (0.0%)	0 (0.0%)	0 (0.0%)	8 (30.8%)	114 (23.9%)	0 (0.0%)	0 (0.0%)	9 (25.7%)	230 (26.7%)

Responses to open-ended questions

28. 454 OE The College of Science is particularly interested 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, textbooks, videos, etc.)
- the technology (computers, FirstClass, CourseInfo, etc.)
- general comments on other aspects of the course (lecture style, distance learning mode, etc.)

This course starts out a little slow, perhaps if the watermarking was delivered first in the year that would be easier to have the first project early also.

Good course. Nicely done. You rock, Carl!

Mark this on your calendar....I admit I was wrong about image registration. Oh well, Bruuuuuuuuuuuuce!

Thanks Carl !! Class was fine, no need to change anything! (Maybe some more time to work on image compression though...) BRUUUUCE!

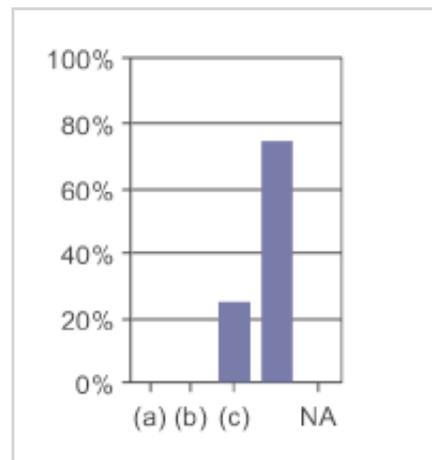
OCE - COURSE SUMMARY REPORT

Instructor 1: Salvaggio, Carl
Course: 1051-462-01 Digital Image Proc II
Quarter: 20062
Total responses: 4

PART 1

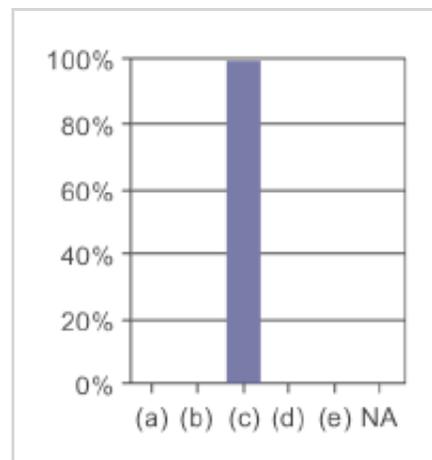
1) Your initial desire to take this course was: (4 answered)

option	text	number	percent
(a)	none at all	0	0.0%
(b)	slight	0	0.0%
(c)	moderate	1	25.0%
(d)	strong	3	75.0%
	Not Answered	0	0.0%



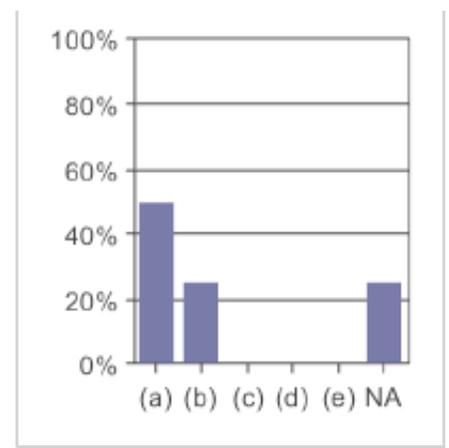
2) For your background and ability, this course was: (4 answered)

option	text	number	percent
(a)	very elementary	0	0.0%
(b)	somewhat elementary	0	0.0%
(c)	about right	4	100.0%
(d)	somewhat difficult	0	0.0%
(e)	very difficult	0	0.0%
	Not Answered	0	0.0%



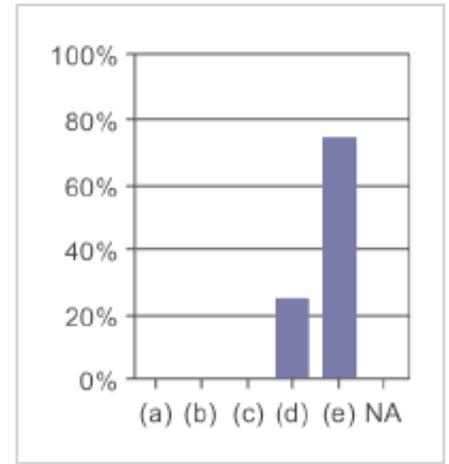
3) What grade do you expect to receive in this course? (3 answered)

option	text	number	percent
(a)	A	2	50.0%
(b)	B	1	25.0%
(c)	C	0	0.0%
(d)	D	0	0.0%
(e)	F	0	0.0%
	Not Answered	1	25.0%



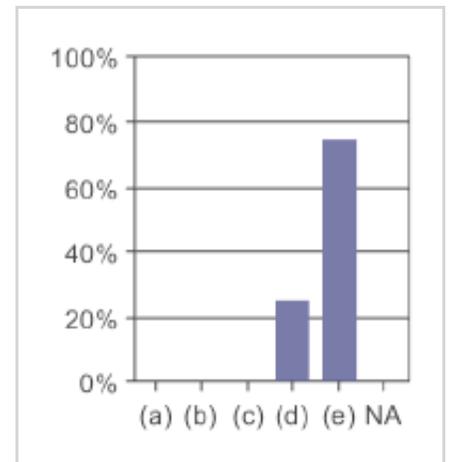
4) How concerned was the instructor that students learn? (4 answered)

option	text	number	percent
(a)	Worst possible rating	0	0.0%
(b)	Below average	0	0.0%
(c)	Average	0	0.0%
(d)	Above average	1	25.0%
(e)	Best possible rating	3	75.0%
	Not Answered	0	0.0%



5) How much did the instructor stimulate your thinking and interest in the subject? (4 answered)

option	text	number	percent
(a)	Worst possible rating	0	0.0%
(b)	Below average	0	0.0%
(c)	Average	0	0.0%
(d)	Above average	1	25.0%
(e)	Best possible rating	3	75.0%
	Not Answered	0	0.0%

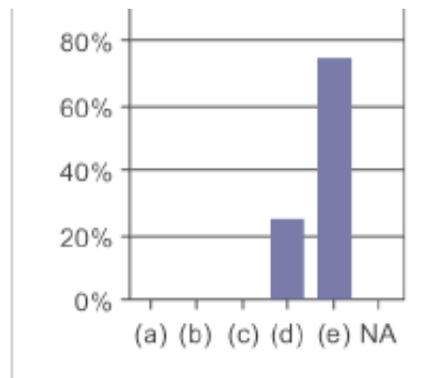


6) How effective was the method of presentation of the course material? (4 answered)

option	text	number	percent
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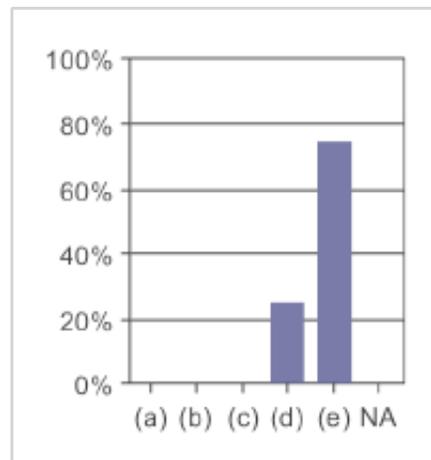


(a)	Worst possible rating	0	0.0%
(b)	Below average	0	0.0%
(c)	Average	0	0.0%
(d)	Above average	1	25.0%
(e)	Best possible rating	3	75.0%
	Not Answered	0	0.0%



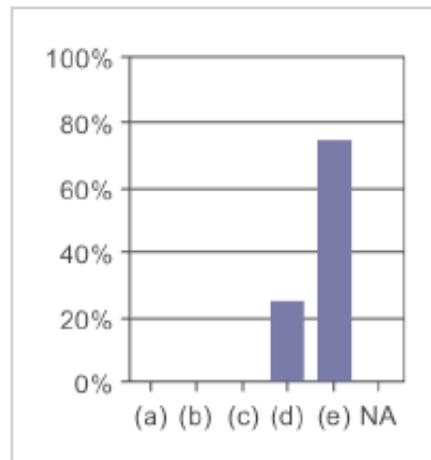
7) What is your overall rating of this course? (4 answered)

option	text	number	percent
(a)	Worst possible rating	0	0.0%
(b)	Below average	0	0.0%
(c)	Average	0	0.0%
(d)	Above average	1	25.0%
(e)	Best possible rating	3	75.0%
	Not Answered	0	0.0%



8) What is your overall rating of this instructor? (4 answered)

option	text	number	percent
(a)	Worst possible rating	0	0.0%
(b)	Below average	0	0.0%
(c)	Average	0	0.0%
(d)	Above average	1	25.0%
(e)	Best possible rating	3	75.0%
	Not Answered	0	0.0%

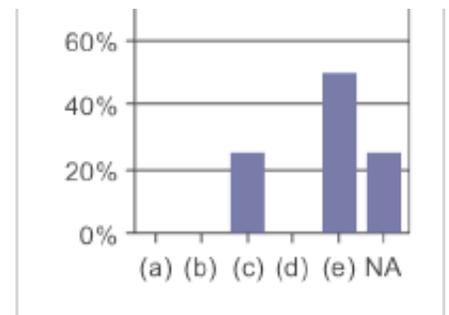


9) In general, were the laboratory experiments of value either in developing techniques and experience or in contributing to understanding the subject? (3 answered)

option	text	number	percent
(a)	Of little value.	0	0.0%

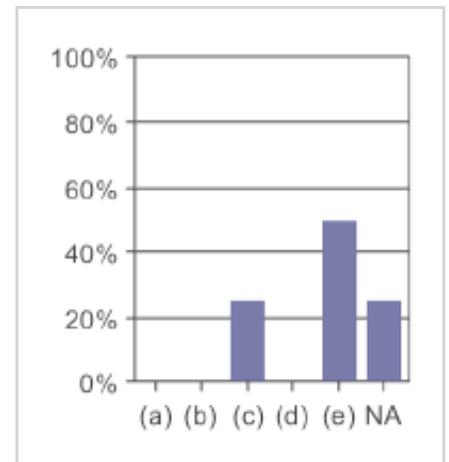


(b)	Somewhat valuable.	0	0.0%
(c)	Moderately valuable.	1	25.0%
(d)	Very valuable.	0	0.0%
(e)	Extremely valuable.	2	50.0%
	Not Answered	1	25.0%



10) Concerning the organization of the laboratory, the materials, supplies, and room were usually: (3 answered)

option	text	number	percent
(a)	Extremely disorganized and inadequate.	0	0.0%
(b)	Poorly organized and barely adequate.	0	0.0%
(c)	Moderately organized and adequate.	1	25.0%
(d)	Well organized and more than adequate.	0	0.0%
(e)	Extremely well organized and excellent.	2	50.0%
	Not Answered	1	25.0%



11) Your instructor would like to know what you think s/he has done especially well in teaching this course. (3 answered)

- The in class hand-outs were very helpful. I enjoyed the graphical approach to teaching the material. Sometimes the math becomes confusing so the graphs reduced that.

- Carl is great at conveying complex ideas and theory in easy to digest bits of information. I also think the presentations on projects was a great idea. It's nice to be able to see the different approaches my classmates took to the same project I was given. I think it increases learning.

- Carl's natural ability to simplify information and explain concepts in an easygoing manner is what makes his classes so great. Having presentations and papers instead of tests was really fun, and a lot closer to the real scientific world. I wish I could retake this class every quarter, with new topics covered each time.

12) Your instructor would like to know what should be done to improve the teaching of this course. (2 answered)

- Some of the handouts had conflicting information, and the labs were confusing at times.

Having papers due a couple days after presentations was great. I think that would be something to keep for the next quarter. I think Carl should continue teaching undergrad DIP. He's helpful to so many students, and he really does make what could be dry, boring, dull material into something cool and exciting. You shouldn't take that away from future undergraduate students. I can guarantee future students will be much less satisfied with the course if Carl isn't the professor.

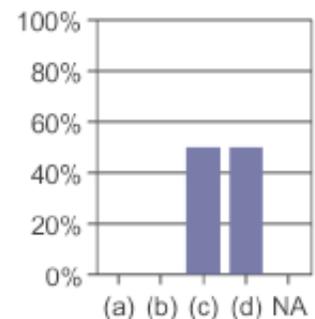
OCE - COURSE SUMMARY REPORT

Instructor 1: Salvaggio, Carl
Course: 1051-462-01 Digital Image Proc II
Quarter: 20072
Total responses: 10

PART 1

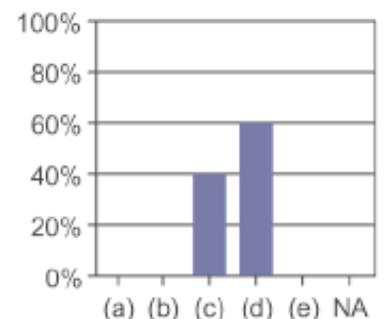
1) Your initial desire to take this course was: (10 answered)

option	text	number	percent
(a)	none at all	0	0.0%
(b)	slight	0	0.0%
(c)	moderate	5	50.0%
(d)	strong	5	50.0%
	Not Answered	0	0.0%



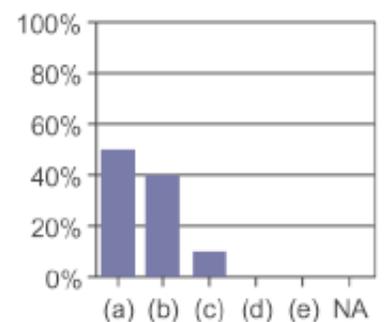
2) For your background and ability, this course was: (10 answered)

option	text	number	percent
(a)	very elementary	0	0.0%
(b)	somewhat elementary	0	0.0%
(c)	about right	4	40.0%
(d)	somewhat difficult	6	60.0%
(e)	very difficult	0	0.0%
	Not Answered	0	0.0%



3) What grade do you expect to receive in this course? (10 answered)

option	text	number	percent
(a)	A	5	50.0%
(b)	B	4	40.0%
(c)	C	1	10.0%
(d)	D	0	0.0%
(e)	F	0	0.0%
	Not Answered	0	0.0%



4) How concerned was the instructor that students learn? (10 answered)

option	text	number	percent
(a)	Worst possible rating	0	0.0%
(b)	Below average	0	0.0%
(c)	Average	1	10.0%
(d)	Above average	2	20.0%
(e)	Best possible rating	7	70.0%
	Not Answered	0	0.0%

5) How much did the instructor stimulate your thinking and interest in the subject? (10 answered)

option	text	number	percent
(a)	Worst possible rating	0	0.0%
(b)	Below average	0	0.0%
(c)	Average	1	10.0%
(d)	Above average	1	10.0%
(e)	Best possible rating	8	80.0%
	Not Answered	0	0.0%

6) How effective was the method of presentation of the course material? (10 answered)

option	text	number	percent
(a)	Worst possible rating	0	0.0%
(b)	Below average	0	0.0%
(c)	Average	3	30.0%
(d)	Above average	1	10.0%
(e)	Best possible rating	6	60.0%
	Not Answered	0	0.0%

7) What is your overall rating of this course? (10 answered)

option	text	number	percent
(a)	Worst possible rating	0	0.0%
(b)	Below average	0	0.0%
(c)	Average	1	10.0%

(d)	Above average	4	40.0%
(e)	Best possible rating	5	50.0%
	Not Answered	0	0.0%

8) What is your overall rating of this instructor? (10 answered)

option	text	number	percent
(a)	Worst possible rating	0	0.0%
(b)	Below average	0	0.0%
(c)	Average	1	10.0%
(d)	Above average	3	30.0%
(e)	Best possible rating	6	60.0%
	Not Answered	0	0.0%

9) In general, were the laboratory experiments of value either in developing techniques and experience or in contributing to understanding the subject? (4 answered)

option	text	number	percent
(a)	Of little value.	0	0.0%
(b)	Somewhat valuable.	0	0.0%
(c)	Moderately valuable.	0	0.0%
(d)	Very valuable.	2	20.0%
(e)	Extremely valuable.	2	20.0%
	Not Answered	6	60.0%

10) Concerning the organization of the laboratory, the materials, supplies, and room were usually: (1 answered)

option	text	number	percent
(a)	Extremely disorganized and inadequate.	0	0.0%
(b)	Poorly organized and barely adequate.	0	0.0%
(c)	Moderately organized and adequate.	0	0.0%
(d)	Well organized and more than adequate.	1	10.0%
(e)	Extremely well organized and excellent.	0	0.0%
	Not Answered	9	90.0%

11) Your instructor would like to know what you think s/he has done especially well in teaching this course. (7 answered)

- It was nice being able to see in the presentations what the other
- students had done, rather than everyone just submitting results that will never be seen again.

- The projects were certainly a LOT of work, but from that challenge I
- learned a great deal and realized that I can be a capable programmer/writer. Lectures were well organized and very interesting.
 - He has shown and introduced us to a bunch of advanced algorithms and we were able to go out on our own to work on these and modifying these.
 - DIP II was a great course!!
 - Carl has a very effective teaching manner and is always available to help with projects.
 - The prefecting sessions helped tremendously.
 - The material covered in this course was excellent, and most of the lectures were very informative and interesting.

12) Your instructor would like to know what should be done to improve the teaching of this course. (8 answered)

- The topics were covered well, but having them out of sync with the assignments wasn't the best arrangement.
 - Again, it was a lot of work, but the interesting material made it worthwhile.
 - Nothing very good course. Maybe more time for last project.
 - 8am is a little hard, but otherwise this class was excellent.
- Although it was nice to not have exams, it also made it hard to really
- absorb material to not have exams. But then again, there isn't much time for exams with all the projects...
- i think there should be tests in this class cause it would make students
- pay attention to each class and important topics rather than just worrying about their projects
- Have the class later than 8 am. Have the same (or similar) content at each prefecting session. The TA should also be used as a resource in addition to the perfecter. If the compression team project will continue
- to be used, then the teams should be picked early in the quarter (after add/drop), with the idea that parts of the program could be written earlier in the quarter, or that parts of previous programs could be used for the compression algorithm.
- The pace of this class is too fast. It was hard to keep up with
- everything. It might be better to slow down the lectures a little to go more along with the current assignment.



ONLINE COURSE EVALUATIONS

COURSE SUMMARY REPORT

Instructor 1: Salvaggio, Carl
Course: 1051-462-01, Digital Image Proc II
Quarter: 20082
Total responses: 7 out of 14 students.

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Key: A = none at all , B = slight, C = moderate, D = strong

1) Your initial desire to take this course was: (7/14 Responded)

A: 0 (0.0%) B: 1 (14.3%) C: 2 (28.6%) D: 4 (57.1%)

D

Key: A = very elementary, B = somewhat elementary, C = about right, D = somewhat difficult, E = very difficult

2) For your background and ability, this course was: (7/14 Responded)

A: 0 (0.0%) B: 0 (0.0%) C: 7 (100.0%) D: 0 (0.0%) E: 0 (0.0%)

C

Key: A = A, B = B, C = C, D = D, E = F

3) What grade do you expect to receive in this course? (7/14 Responded)

A: 3 (42.9%) B: 4 (57.1%) C: 0 (0.0%) D: 0 (0.0%) E: 0 (0.0%)

B

Key: A = Worst possible rating, B = Below average, C = Average, D = Above average, E = Best possible rating

4) How concerned was the instructor that students learn? (7/14 Responded)

A: 0 (0.0%) B: 0 (0.0%) C: 0 (0.0%) D: 5 (71.4%) E: 2 (28.6%)

D

5) How much did the instructor stimulate your thinking and interest in the subject? (7/14 Responded)

A: 0 (0.0%) B: 0 (0.0%) C: 0 (0.0%) D: 2 (28.6%) E: 5 (71.4%)

E

6) How effective was the method of presentation of the course material? (7/14 Responded)

A: 0 (0.0%) B: 0 (0.0%) C: 0 (0.0%) D: 5 (71.4%) E: 2 (28.6%)

D

7) What is your overall rating of this course? (7/14 Responded)

A: 0 (0.0%) B: 0 (0.0%) C: 0 (0.0%) D: 2 (28.6%) E: 5 (71.4%)

E

8) What is your overall rating of this instructor? (7/14 Responded)

A: 0 (0.0%) B: 0 (0.0%) C: 0 (0.0%) D: 0 (0.0%) E: 7 (100.0%)

E

Key: A = Of little value., B = Somewhat valuable., C = Moderately valuable., D = Very valuable., E = Extremely valuable.

9) In general, were the laboratory experiments of value either in developing techniques and experience or in contributing to understanding the subject? (2/14 Responded)

A: 0 (0.0%) B: 0 (0.0%) C: 0 (0.0%) D: 1 (14.3%) E: 1 (14.3%)

D

Key: A = Extremely disorganized and inadequate., B = Poorly organized and barely adequate., C = Moderately organized and adequate., D = Well organized and more than adequate., E = Extremely well organized and excellent.

10) Concerning the organization of the laboratory, the materials, supplies, and room were usually: (1/14 Responded)

A: 0 (0.0%) B: 0 (0.0%) C: 0 (0.0%) D: 1 (14.3%) E: 0 (0.0%)

D

11) Your instructor would like to know what you think s/he has done especially well in teaching this course. (4/14 Responded)

- Very organized, yet flexible. Always trying to improve slides and programs available to help the students. Great presentation of the material and the manner in which students are evaluated is great. Presenting about a specific implementation of a technique and then writing a technical paper to summarize results is fantastic. Makes it more about learning the concepts than emphasizing writing code. My favorite imaging science course thus far.
- Carl has passion for the subject that shows and helps keep the students interested. His presentation slides are very useful as well...it is clear they have been fashioned and adjusted over time.
- I liked how we had to present and write papers. The feedback on the papers were helpful when writing the next one. Also having the papers due after the presentations was good because it gave us a chance to go back and edit our programs and correct the metrics we used for comparison. I liked seeing all the different ways to solve a problem.
- The class is a lot of fun to be in, the atmosphere is relax and material is presented in an interactive way. Since the problems discussed in this class have no solutions it was a different dynamic than usual. We didn't learn a best way of solving a problem but rather some tools and methods used. This was a good way of presenting material that has no solution and projects build on using things learned in class to come up with a unique solution.

12) Your instructor would like to know what should be done to improve the teaching of this course. (3/14 Responded)

- Maybe more encouragement or time for reviewing students' code to offer suggestions on optimizing/improving.
- Have a program due towards the beginning of January. The last 3 projects were close together.
- Make the projects due sooner. The quarter got very very busy at the end and there is no reason the first two projects should have taken 6 weeks while the last two were crammed in the end and combined with other classes made a very stressful quarter. The group project didn't work too well but I have no suggestions for that.

13) In what ways did the content of this course build on or integrate material from previous or prerequisite courses in the curriculum? (3/14 Responded)

- Used the coding techniques learned in Programming and DIP 1. Integrated concepts of all types from previous intro level imaging courses.
- Tools learned in DIP I were critical in completing DIP II reports.
- This class fit well. It used materials from linear math, and dip 1. The material is very important and appropriate to learn in imaging science.

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How this report works:

[hide this](#)

- this report compares the selected course to other courses that are in the OCE
- to be compared to another course, the courses must use the same template
- only courses offered in the same quarter, and up to 5 years before the selected course are compared

What do the columns mean:

- **Section:** this is the totals for only the selected course (same as "course summary" report)
- **Course:** all courses that match the quarter, college number, department number, and 3 digit course number of the selected course
- **Instructor:** all courses the faculty member has taught using the same template that quarter
- **Department:** all courses that match the quarter, college number, and department number of the selected course
- **College:** all courses that match the quarter, and college number of the selected course
- **Cumulative:** all cumulative results work the same way as the previously listed criteria, except they ignore the quarter criteria

OCE - COURSE DETAIL REPORT

20082 1051-462-01 Digital Image Proc II

Instructor: Salvaggio, Carl

Department Template #206

		20082 Results					Cumulative Results				
order	number	question	section	course	instructor	department	college	course	instructor	department	college
1.	967 MC	Your initial desire to take this course was:									
		number of responses (N)	7	7	8	146	162	21	109	1077	1147
1.		none at all	0 (0.0%)	0 (0.0%)	0 (0.0%)	3 (2.1%)	4 (2.5%)	0 (0.0%)	5 (4.6%)	59 (5.5%)	61 (5.3%)
2.		slight	1 (14.3%)	1 (14.3%)	1 (12.5%)	18 (12.3%)	18 (11.1%)	1 (4.8%)	5 (4.6%)	147 (13.6%)	147 (12.8%)
3.		moderate	2 (28.6%)	2 (28.6%)	2 (25.0%)	67 (45.9%)	71 (43.8%)	8 (38.1%)	43 (39.4%)	461 (42.8%)	480 (41.8%)
4.		strong	4 (57.1%)	4 (57.1%)	5 (62.5%)	58 (39.7%)	69 (42.6%)	12 (57.1%)	56 (51.4%)	410 (38.1%)	459 (40.0%)
2.	968 MC	For your background and ability, this course was:									
		number of responses (N)	7	7	8	146	162	21	110	1069	1141
1.		very elementary	0 (0.0%)	0 (0.0%)	0 (0.0%)	4 (2.7%)	4 (2.5%)	0 (0.0%)	3 (2.7%)	53 (5.0%)	53 (4.6%)
2.		somewhat elementary	0 (0.0%)	0 (0.0%)	0 (0.0%)	11 (7.5%)	12 (7.4%)	0 (0.0%)	8 (7.3%)	134 (12.5%)	137 (12.0%)
3.		about right	7 (100.0%)	7 (100.0%)	8 (100.0%)	97 (66.4%)	107 (66.0%)	15 (71.4%)	70 (63.6%)	608 (56.9%)	656 (57.5%)
4.		somewhat difficult	0 (0.0%)	0 (0.0%)	0 (0.0%)	23 (15.8%)	27 (16.7%)	6 (28.6%)	19 (17.3%)	205 (19.2%)	223 (19.5%)
5.		very difficult	0 (0.0%)	0 (0.0%)	0 (0.0%)	11 (7.5%)	12 (7.4%)	0 (0.0%)	10 (9.1%)	69 (6.5%)	72 (6.3%)
3.	969 MC	What grade do you expect to receive in this course?									
		number of responses (N)	7	7	7	136	151	20	101	1009	1076
1.		A	3 (42.9%)	3 (42.9%)	3 (42.9%)	74 (54.4%)	88 (58.3%)	10 (50.0%)	59 (58.4%)	530 (52.5%)	584 (54.3%)
2.		B	4 (57.1%)	4 (57.1%)	4 (57.1%)	50 (36.8%)	51 (33.8%)	9 (45.0%)	33 (32.7%)	397 (39.3%)	410 (38.1%)
3.		C	0 (0.0%)	0 (0.0%)	0 (0.0%)	9 (6.6%)	9 (6.0%)	1 (5.0%)	9 (8.9%)	74 (7.3%)	74 (6.9%)
4.		D	0 (0.0%)	0 (0.0%)	0 (0.0%)	3 (2.2%)	3 (2.0%)	0 (0.0%)	0 (0.0%)	8 (0.8%)	8 (0.7%)
5.		F	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)
4.	977 LS	How concerned was the instructor that students learn?									
		number of responses (N)	7	7	7	146	162	21	109	1076	1148
1.		Worst possible rating	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	13 (1.2%)	13 (1.1%)
2.		Below average	0 (0.0%)	0 (0.0%)	0 (0.0%)	8 (5.5%)	8 (4.9%)	0 (0.0%)	0 (0.0%)	52 (4.8%)	53 (4.6%)
3.		Average	0 (0.0%)	0 (0.0%)	0 (0.0%)	29 (19.9%)	30 (18.5%)	1 (4.8%)	6 (5.5%)	238 (22.1%)	244 (21.3%)
4.		Above average	5 (71.4%)	5 (71.4%)	5 (71.4%)	53 (36.3%)	57 (35.2%)	8 (38.1%)	30 (27.5%)	389 (36.2%)	413 (36.0%)
5.		Best possible rating	2 (28.6%)	2 (28.6%)	2 (28.6%)	56 (38.4%)	67 (41.4%)	12 (57.1%)	73 (67.0%)	384 (35.7%)	425 (37.0%)
5.	978 LS	How much did the instructor stimulate your thinking and interest in the subject?									
		number of responses (N)	7	7	7	144	160	21	109	1074	1145
1.		Worst possible rating	0 (0.0%)	0 (0.0%)	0 (0.0%)	1 (0.7%)	2 (1.3%)	0 (0.0%)	0 (0.0%)	31 (2.9%)	33 (2.9%)
2.		Below average	0 (0.0%)	0 (0.0%)	0 (0.0%)	15 (10.4%)	15 (9.4%)	0 (0.0%)	3 (2.8%)	91 (8.5%)	91 (7.9%)

3.	Average	0 (0.0%)	0 (0.0%)	0 (0.0%)	29 (20.1%)	30 (18.8%)	1 (4.8%)	8 (7.3%)	254 (23.6%)	264 (23.1%)
4.	Above average	2 (28.6%)	2 (28.6%)	2 (28.6%)	43 (29.9%)	47 (29.4%)	4 (19.0%)	32 (29.4%)	344 (32.0%)	369 (32.2%)
5.	Best possible rating	5 (71.4%)	5 (71.4%)	5 (71.4%)	56 (38.9%)	66 (41.3%)	16 (76.2%)	66 (60.6%)	354 (33.0%)	388 (33.9%)
6.	979 LS	How effective was the method of presentation of the course material?								
	number of responses (N)	7	7	7	145	161	21	108	1070	1142
1.	Worst possible rating	0 (0.0%)	0 (0.0%)	0 (0.0%)	1 (0.7%)	1 (0.6%)	0 (0.0%)	0 (0.0%)	42 (3.9%)	42 (3.7%)
2.	Below average	0 (0.0%)	0 (0.0%)	0 (0.0%)	17 (11.7%)	18 (11.2%)	0 (0.0%)	3 (2.8%)	163 (15.2%)	166 (14.5%)
3.	Average	0 (0.0%)	0 (0.0%)	0 (0.0%)	44 (30.3%)	47 (29.2%)	3 (14.3%)	18 (16.7%)	303 (28.3%)	317 (27.8%)
4.	Above average	5 (71.4%)	5 (71.4%)	5 (71.4%)	43 (29.7%)	44 (27.3%)	7 (33.3%)	40 (37.0%)	296 (27.7%)	313 (27.4%)
5.	Best possible rating	2 (28.6%)	2 (28.6%)	2 (28.6%)	40 (27.6%)	51 (31.7%)	11 (52.4%)	47 (43.5%)	266 (24.9%)	304 (26.6%)
7.	980 LS	What is your overall rating of this course?								
	number of responses (N)	7	7	7	145	161	21	108	1075	1146
1.	Worst possible rating	0 (0.0%)	0 (0.0%)	0 (0.0%)	1 (0.7%)	1 (0.6%)	0 (0.0%)	0 (0.0%)	24 (2.2%)	24 (2.1%)
2.	Below average	0 (0.0%)	0 (0.0%)	0 (0.0%)	11 (7.6%)	12 (7.5%)	0 (0.0%)	2 (1.9%)	109 (10.1%)	112 (9.8%)
3.	Average	0 (0.0%)	0 (0.0%)	0 (0.0%)	39 (26.9%)	41 (25.5%)	1 (4.8%)	15 (13.9%)	301 (28.0%)	312 (27.2%)
4.	Above average	2 (28.6%)	2 (28.6%)	2 (28.6%)	48 (33.1%)	50 (31.1%)	7 (33.3%)	36 (33.3%)	348 (32.4%)	369 (32.2%)
5.	Best possible rating	5 (71.4%)	5 (71.4%)	5 (71.4%)	46 (31.7%)	57 (35.4%)	13 (61.9%)	55 (50.9%)	293 (27.3%)	329 (28.7%)
8.	981 LS	What is your overall rating of this instructor?								
	number of responses (N)	7	7	7	145	161	21	107	1063	1134
1.	Worst possible rating	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	20 (1.9%)	20 (1.8%)
2.	Below average	0 (0.0%)	0 (0.0%)	0 (0.0%)	7 (4.8%)	8 (5.0%)	0 (0.0%)	1 (0.9%)	69 (6.5%)	71 (6.3%)
3.	Average	0 (0.0%)	0 (0.0%)	0 (0.0%)	32 (22.1%)	32 (19.9%)	1 (4.8%)	7 (6.5%)	245 (23.0%)	249 (22.0%)
4.	Above average	0 (0.0%)	0 (0.0%)	0 (0.0%)	39 (26.9%)	41 (25.5%)	4 (19.0%)	24 (22.4%)	331 (31.1%)	355 (31.3%)
5.	Best possible rating	7 (100.0%)	7 (100.0%)	7 (100.0%)	67 (46.2%)	80 (49.7%)	16 (76.2%)	75 (70.1%)	398 (37.4%)	439 (38.7%)
9.	984 LS	In general, were the laboratory experiments of value either in developing techniques and experience or in contributing to understanding the subject?								
	number of responses (N)	2	2	2	91	102	9	54	709	747
1.	Of little value.	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	29 (4.1%)	29 (3.9%)
2.	Somewhat valuable.	0 (0.0%)	0 (0.0%)	0 (0.0%)	7 (7.7%)	7 (6.9%)	0 (0.0%)	2 (3.7%)	89 (12.6%)	90 (12.0%)
3.	Moderately valuable.	0 (0.0%)	0 (0.0%)	0 (0.0%)	25 (27.5%)	27 (26.5%)	1 (11.1%)	7 (13.0%)	190 (26.8%)	194 (26.0%)
4.	Very valuable.	1 (50.0%)	1 (50.0%)	1 (50.0%)	38 (41.8%)	39 (38.2%)	3 (33.3%)	25 (46.3%)	240 (33.9%)	254 (34.0%)
5.	Extremely valuable.	1 (50.0%)	1 (50.0%)	1 (50.0%)	21 (23.1%)	29 (28.4%)	5 (55.6%)	20 (37.0%)	161 (22.7%)	180 (24.1%)
10.	986 LS	Concerning the organization of the laboratory, the materials, supplies, and room were usually:								
	number of responses (N)	1	1	1	87	98	5	38	653	693
1.	Extremely disorganized and inadequate.	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	16 (2.5%)	16 (2.3%)
2.	Poorly organized and barely adequate.	0 (0.0%)	0 (0.0%)	0 (0.0%)	8 (9.2%)	8 (8.2%)	0 (0.0%)	1 (2.6%)	70 (10.7%)	71 (10.2%)
3.	Moderately organized and adequate.	0 (0.0%)	0 (0.0%)	0 (0.0%)	28 (32.2%)	31 (31.6%)	1 (20.0%)	8 (21.1%)	220 (33.7%)	228 (32.9%)
4.	Well organized and more than adequate.	1 (100.0%)	1 (100.0%)	1 (100.0%)	38 (43.7%)	39 (39.8%)	2 (40.0%)	15 (39.5%)	239 (36.6%)	255 (36.8%)
5.	Extremely well organized and excellent.	0 (0.0%)	0 (0.0%)	0 (0.0%)	13 (14.9%)	20 (20.4%)	2 (40.0%)	14 (36.8%)	108 (16.5%)	123 (17.7%)
Responses to open-ended questions										
11.	975 OE	Your instructor would like to know what you think s/he has done especially well in teaching this course.								
		<p>Carl has passion for the subject that shows and helps keep the students interested. His presentation slides are very useful as well...it is clear they have been fashioned and adjusted over time.</p> <p>I liked how we had to present and write papers. The feedback on the papers were helpful when writing the next one. Also having the papers due after the presentations was good because it gave us a chance to go back and edit our programs and correct the metrics we used for comparison. I liked seeing all the different ways to solve a problem.</p> <p>Very organized, yet flexible. Always trying to improve slides and programs available to help the students. Great presentation of the material and the manner in which students are evaluated is great. Presenting about a specific implementation of a technique and then writing a technical paper to summarize results is fantastic. Makes it more about learning the concepts than emphasizing writing code. My favorite imaging science course thus far.</p> <p>The class is a lot of fun to be in, the atmosphere is relax and material is presented in an interactive way. Since the problems discussed in this class have no solutions it was a different dynamic than usual. We didn't learn a best way of solving a problem but rather some tools and methods used.</p>								

This was a good way of presenting material that has no solution and projects build on using things learned in class to come up with a unique solution.

12. 976 OE Your instructor would like to know what should be done to improve the teaching of this course.

Maybe more encouragement or time for reviewing students' code to offer suggestions on optimizing/improving.

Have a program due towards the beginning of January. The last 3 projects were close together.

Make the projects due sooner. The quarter got very very busy at the end and there is no reason the first two projects should have taken 6 weeks while the last two were crammed in the end and combined with other classes made a very stressful quarter. The group project didn't work too well but I have no suggestions for that.

13. 1611 OE In what ways did the content of this course build on or integrate material from previous or prerequisite courses in the curriculum?

Tools learned in DIP I were critical in completing DIP II reports.

Used the coding techniques learned in Programming and DIP 1. Integrated concepts of all types from previous intro level imaging courses.

This class fit well. It used materials from linear math, and dip 1. The material is very important and appropriate to learn in imaging science.



ONLINE COURSE EVALUATIONS

COURSE SUMMARY REPORT

Instructor 1: Salvaggio, Carl
Course: 1051-462-01, Digital Image Proc II
Quarter: 20092
Total responses: 9 out of 15 students.

Key Style: [letters](#) - [numbers](#)
Totals Style: [max](#) - [average](#)

[Show Open-Ended Responses](#)

Key: A = none at all , B = slight, C = moderate, D = strong

1) Your initial desire to take this course was: (9/15 Responded)

A: 0 (0.0%) B: 2 (22.2%) C: 1 (11.1%) D: 6 (66.7%)

D

Key: A = very elementary, B = somewhat elementary, C = about right, D = somewhat difficult, E = very difficult

2) For your background and ability, this course was: (9/15 Responded)

A: 0 (0.0%) B: 0 (0.0%) C: 8 (88.9%) D: 1 (11.1%) E: 0 (0.0%)

C

Key: A = A, B = B, C = C, D = D, E = F

3) What grade do you expect to receive in this course? (9/15 Responded)

A: 7 (77.8%) B: 2 (22.2%) C: 0 (0.0%) D: 0 (0.0%) E: 0 (0.0%)

A

Key: A = Worst possible rating, B = Below average, C = Average, D = Above average, E = Best possible rating

4) How concerned was the instructor that students learn? (9/15 Responded)

A: 0 (0.0%) B: 0 (0.0%) C: 0 (0.0%) D: 2 (22.2%) E: 7 (77.8%)

E

5) How much did the instructor stimulate your thinking and interest in the subject? (9/15 Responded)

A: 0 (0.0%) B: 0 (0.0%) C: 0 (0.0%) D: 1 (11.1%) E: 8 (88.9%)

E

6) How effective was the method of presentation of the course material? (9/15 Responded)

A: 0 (0.0%) B: 0 (0.0%) C: 0 (0.0%) D: 4 (44.4%) E: 5 (55.6%)

E

7) What is your overall rating of this course? (9/15 Responded)

A: 0 (0.0%) B: 0 (0.0%) C: 0 (0.0%) D: 3 (33.3%) E: 6 (66.7%)

E

8) What is your overall rating of this instructor? (9/15 Responded)

A: 0 (0.0%) B: 0 (0.0%) C: 0 (0.0%) D: 0 (0.0%) E: 9 (100.0%)

E

Key: A = Of little value., B = Somewhat valuable., C = Moderately valuable., D = Very valuable., E = Extremely valuable.

9) In general, were the laboratory experiments of value either in developing techniques and experience or in contributing to understanding the subject? (1/15 Responded)

A: 0 (0.0%) B: 0 (0.0%) C: 1 (11.1%) D: 0 (0.0%) E: 0 (0.0%)

C

Key: A = Extremely disorganized and inadequate., B = Poorly organized and barely adequate., C = Moderately organized and adequate., D = Well organized and more than adequate., E = Extremely well organized and excellent.

10) Concerning the organization of the laboratory, the materials, supplies, and room were usually: (2/15 Responded)

A: 0 (0.0%) B: 0 (0.0%) C: 0 (0.0%) D: 1 (11.1%) E: 1 (11.1%)

D

11) Your instructor would like to know what you think s/he has done especially well in teaching this course. (7/15 Responded)

- You did a great job relating all that we have learned about programming and computers to real world applications and helping us see the benefit to learning the things we did.

- He knew the material very well and was able to answer questions effectively. He was very enthusiastic which made it more fun to learn and was helpful to keep the class engaged at 8am. He was very receptive to student feedback, even implementing an evaluation for the group project upon request. He was also very helpful with coding questions and just very knowledgeable. Great Class! The independent project was a great idea because it allowed each student to explore their own interest and exposed the class to many different subjects.
- Carl is the best! Making the class project-based was a great idea. I feel that I learned a lot more than I would have otherwise. Carl's presentations are always interesting and he is such a happy guy I don't mind hauling myself out of a warm bed to come to his class at eight am. The workload was manageable as long as projects are started in a timely manner.
- Carl is a great professor. He is not only extremely enthusiastic while he is teaching but also always willing to help and great at explaining things. He is really concerned that the students understand the material and he takes feedback and suggestions and improves the course.
- Great presentation of material, always a pleasure to learn any topic from this man.
- I liked the 'freedom' in this class from the weekly homeworks and cumulative exams. The periodic projects seem more like what I will be doing in my future, and I've learned from this class that I like that routine. I liked that we could pick our own individual topics for the independent project. The group project was good too, I had never really worked on a coding project with more than one other person, so it was a learning experience.
- Stimulating interest, being concerned, and being considerate. Offering the free choice project was really awesome.

12) Your instructor would like to know what should be done to improve the teaching of this course. (7/15 Responded)

- The only thing I would like to see changed is maybe the "pace" of the last few projects. It was alright getting the independent project and compression project coded up in time, but the write up/video due right at the end of that week was definitely rushed. Maybe give the weekend after week10 and have the paper/video due on the monday ...
- The slides were a little bit hard to follow when going back to them. It would have been nice to have them in order in the way that they were presented, or even broken up into categories (watermarking, compression, demosaicing, etc). I think that the main problem with the class was that all of the projects were due around the same time. I know that it would have been easier if they had been started earlier, but in some cases they were. Spreading out the due dates, or even having intermediate due dates for parts of projects would have been better.
- Haha, no video!
- I guess the only thing would be the JPEG 2000 video. I appreciate the idea of learning it from the creator, but the video was hard to pay attention to and I didn't absorb much.
- Nothing, structure was great and allowed for learning of concepts in the classroom and exploration of individual algorithms outside of class. Great class, well designed and taught.
- I think the gap between the Demosaic project and the Independent project was too long. Maybe, with the Demosaic papers still due the week after break, you could also require some sort of proposal for our Independent project.
- Really don't know.. maybe more other DIP video presentations on interesting topics

13) In what ways did the content of this course build on or integrate material from previous or prerequisite courses in the curriculum? (6/15 Responded)

- You have to use the techniques from DIP I and programming in order to be able to implement the projects. Also, the course taught a very valuable skill in that students had to implement an algorithm described in a paper and then write their own paper. It was much more realistic than the assignments given in other courses and a valuable skill to learn.
- The course was entirely programming, so obviously Intro to Programming and DIP were drawn upon heavily. Other classes came into play to understand the algorithms being implemented.
- The course used much of the information from linear math and digital image processing one. The background information from digital image processing one could be a little stronger, there are some things that Carl thought we knew that we didn't yet.
- This course built on the tools from DIP 1 and gave us new implementations and interesting applications.
- We used a lot of the concepts we learned in DIP II, such as how to handle images and the convolution and correlation of images.
- It was a nice follow up from DIP one, and a bit more laid back

[Show Open-Ended Responses](#)

How this report works:

[hide this](#)

- this report compares the selected course to other courses that are in the OCE
- to be compared to another course, the courses must use the same template
- only courses offered in the same quarter, and up to 5 years before the selected course are compared

What do the columns mean:

- **Section:** this is the totals for only the selected course (same as "course summary" report)
- **Course:** all courses that match the quarter, college number, department number, and 3 digit course number of the selected course
- **Instructor:** all courses the faculty member has taught using the same template that quarter
- **Department:** all courses that match the quarter, college number, and department number of the selected course
- **College:** all courses that match the quarter, and college number of the selected course
- **Cumulative:** all cumulative results work the same way as the previously listed criteria, except they ignore the quarter criteria

OCE - COURSE DETAIL REPORT

20092 1051-462-01 Digital Image Proc II

Instructor: Salvaggio, Carl

Department Template #206

		20092 Results					Cumulative Results				
order	number	question	section	course	instructor	department	college	course	instructor	department	college
1.	967 MC	Your initial desire to take this course was:									
		number of responses (N)	9	9	9	156	165	30	150	1545	1659
1.		none at all	0 (0.0%)	0 (0.0%)	0 (0.0%)	9 (5.8%)	9 (5.5%)	0 (0.0%)	8 (5.3%)	82 (5.3%)	84 (5.1%)
2.		slight	2 (22.2%)	2 (22.2%)	2 (22.2%)	28 (17.9%)	28 (17.0%)	3 (10.0%)	13 (8.7%)	224 (14.5%)	225 (13.6%)
3.		moderate	1 (11.1%)	1 (11.1%)	1 (11.1%)	58 (37.2%)	58 (35.2%)	9 (30.0%)	53 (35.3%)	645 (41.7%)	673 (40.6%)
4.		strong	6 (66.7%)	6 (66.7%)	6 (66.7%)	61 (39.1%)	70 (42.4%)	18 (60.0%)	76 (50.7%)	594 (38.4%)	677 (40.8%)
2.	968 MC	For your background and ability, this course was:									
		number of responses (N)	9	9	9	157	166	30	151	1536	1651
1.		very elementary	0 (0.0%)	0 (0.0%)	0 (0.0%)	6 (3.8%)	6 (3.6%)	0 (0.0%)	7 (4.6%)	74 (4.8%)	74 (4.5%)
2.		somewhat elementary	0 (0.0%)	0 (0.0%)	0 (0.0%)	19 (12.1%)	19 (11.4%)	0 (0.0%)	8 (5.3%)	192 (12.5%)	196 (11.9%)
3.		about right	8 (88.9%)	8 (88.9%)	8 (88.9%)	75 (47.8%)	81 (48.8%)	23 (76.7%)	91 (60.3%)	841 (54.8%)	914 (55.4%)
4.		somewhat difficult	1 (11.1%)	1 (11.1%)	1 (11.1%)	42 (26.8%)	45 (27.1%)	7 (23.3%)	30 (19.9%)	317 (20.6%)	348 (21.1%)
5.		very difficult	0 (0.0%)	0 (0.0%)	0 (0.0%)	15 (9.6%)	15 (9.0%)	0 (0.0%)	15 (9.9%)	112 (7.3%)	119 (7.2%)
3.	969 MC	What grade do you expect to receive in this course?									
		number of responses (N)	9	9	9	139	147	29	141	1429	1538
1.		A	7 (77.8%)	7 (77.8%)	7 (77.8%)	71 (51.1%)	77 (52.4%)	17 (58.6%)	82 (58.2%)	757 (53.0%)	845 (54.9%)
2.		B	2 (22.2%)	2 (22.2%)	2 (22.2%)	49 (35.3%)	51 (34.7%)	11 (37.9%)	46 (32.6%)	540 (37.8%)	561 (36.5%)
3.		C	0 (0.0%)	0 (0.0%)	0 (0.0%)	17 (12.2%)	17 (11.6%)	1 (3.4%)	12 (8.5%)	118 (8.3%)	118 (7.7%)
4.		D	0 (0.0%)	0 (0.0%)	0 (0.0%)	2 (1.4%)	2 (1.4%)	0 (0.0%)	1 (0.7%)	13 (0.9%)	13 (0.8%)
5.		F	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	1 (0.1%)	1 (0.1%)
4.	977 LS	How concerned was the instructor that students learn?									
		number of responses (N)	9	9	9	154	163	30	150	1545	1659
1.		Worst possible rating	0 (0.0%)	0 (0.0%)	0 (0.0%)	2 (1.3%)	2 (1.2%)	0 (0.0%)	0 (0.0%)	18 (1.2%)	18 (1.1%)
2.		Below average	0 (0.0%)	0 (0.0%)	0 (0.0%)	6 (3.9%)	6 (3.7%)	0 (0.0%)	1 (0.7%)	69 (4.5%)	71 (4.3%)
3.		Average	0 (0.0%)	0 (0.0%)	0 (0.0%)	25 (16.2%)	25 (15.3%)	1 (3.3%)	9 (6.0%)	326 (21.1%)	336 (20.3%)
4.		Above average	2 (22.2%)	2 (22.2%)	2 (22.2%)	55 (35.7%)	57 (35.0%)	10 (33.3%)	42 (28.0%)	547 (35.4%)	587 (35.4%)
5.		Best possible rating	7 (77.8%)	7 (77.8%)	7 (77.8%)	66 (42.9%)	73 (44.8%)	19 (63.3%)	98 (65.3%)	585 (37.9%)	647 (39.0%)
5.	978 LS	How much did the instructor stimulate your thinking and interest in the subject?									
		number of responses (N)	9	9	9	155	164	30	150	1541	1655
1.		Worst possible rating	0 (0.0%)	0 (0.0%)	0 (0.0%)	1 (0.6%)	1 (0.6%)	0 (0.0%)	0 (0.0%)	36 (2.3%)	38 (2.3%)
2.		Below average	0 (0.0%)	0 (0.0%)	0 (0.0%)	21 (13.5%)	21 (12.8%)	0 (0.0%)	5 (3.3%)	137 (8.9%)	139 (8.4%)

3.	Average	0 (0.0%)	0 (0.0%)	0 (0.0%)	31 (20.0%)	31 (18.9%)	1 (3.3%)	14 (9.3%)	349 (22.6%)	369 (22.3%)
4.	Above average	1 (11.1%)	1 (11.1%)	1 (11.1%)	51 (32.9%)	53 (32.3%)	5 (16.7%)	41 (27.3%)	504 (32.7%)	544 (32.9%)
5.	Best possible rating	8 (88.9%)	8 (88.9%)	8 (88.9%)	51 (32.9%)	58 (35.4%)	24 (80.0%)	90 (60.0%)	515 (33.4%)	565 (34.1%)
6.	979 LS	How effective was the method of presentation of the course material?								
	number of responses (N)	9	9	9	154	162	30	149	1537	1651
1.	Worst possible rating	0 (0.0%)	0 (0.0%)	0 (0.0%)	5 (3.2%)	5 (3.1%)	0 (0.0%)	0 (0.0%)	54 (3.5%)	55 (3.3%)
2.	Below average	0 (0.0%)	0 (0.0%)	0 (0.0%)	16 (10.4%)	16 (9.9%)	0 (0.0%)	6 (4.0%)	210 (13.7%)	215 (13.0%)
3.	Average	0 (0.0%)	0 (0.0%)	0 (0.0%)	40 (26.0%)	41 (25.3%)	3 (10.0%)	27 (18.1%)	423 (27.5%)	449 (27.2%)
4.	Above average	4 (44.4%)	4 (44.4%)	4 (44.4%)	50 (32.5%)	51 (31.5%)	11 (36.7%)	50 (33.6%)	433 (28.2%)	462 (28.0%)
5.	Best possible rating	5 (55.6%)	5 (55.6%)	5 (55.6%)	43 (27.9%)	49 (30.2%)	16 (53.3%)	66 (44.3%)	417 (27.1%)	470 (28.5%)
7.	980 LS	What is your overall rating of this course?								
	number of responses (N)	9	9	9	156	165	30	149	1543	1657
1.	Worst possible rating	0 (0.0%)	0 (0.0%)	0 (0.0%)	1 (0.6%)	1 (0.6%)	0 (0.0%)	0 (0.0%)	29 (1.9%)	29 (1.8%)
2.	Below average	0 (0.0%)	0 (0.0%)	0 (0.0%)	18 (11.5%)	18 (10.9%)	0 (0.0%)	4 (2.7%)	151 (9.8%)	157 (9.5%)
3.	Average	0 (0.0%)	0 (0.0%)	0 (0.0%)	40 (25.6%)	40 (24.2%)	1 (3.3%)	19 (12.8%)	412 (26.7%)	429 (25.9%)
4.	Above average	3 (33.3%)	3 (33.3%)	3 (33.3%)	54 (34.6%)	58 (35.2%)	10 (33.3%)	52 (34.9%)	518 (33.6%)	557 (33.6%)
5.	Best possible rating	6 (66.7%)	6 (66.7%)	6 (66.7%)	43 (27.6%)	48 (29.1%)	19 (63.3%)	74 (49.7%)	433 (28.1%)	485 (29.3%)
8.	981 LS	What is your overall rating of this instructor?								
	number of responses (N)	9	9	9	156	165	30	147	1529	1643
1.	Worst possible rating	0 (0.0%)	0 (0.0%)	0 (0.0%)	1 (0.6%)	1 (0.6%)	0 (0.0%)	0 (0.0%)	27 (1.8%)	27 (1.6%)
2.	Below average	0 (0.0%)	0 (0.0%)	0 (0.0%)	11 (7.1%)	11 (6.7%)	0 (0.0%)	2 (1.4%)	92 (6.0%)	97 (5.9%)
3.	Average	0 (0.0%)	0 (0.0%)	0 (0.0%)	27 (17.3%)	27 (16.4%)	1 (3.3%)	11 (7.5%)	334 (21.8%)	342 (20.8%)
4.	Above average	0 (0.0%)	0 (0.0%)	0 (0.0%)	51 (32.7%)	54 (32.7%)	4 (13.3%)	31 (21.1%)	472 (30.9%)	513 (31.2%)
5.	Best possible rating	9 (100.0%)	9 (100.0%)	9 (100.0%)	66 (42.3%)	72 (43.6%)	25 (83.3%)	103 (70.1%)	604 (39.5%)	664 (40.4%)
9.	984 LS	In general, were the laboratory experiments of value either in developing techniques and experience or in contributing to understanding the subject?								
	number of responses (N)	1	1	1	103	110	10	78	1020	1086
1.	Of little value.	0 (0.0%)	0 (0.0%)	0 (0.0%)	3 (2.9%)	3 (2.7%)	0 (0.0%)	1 (1.3%)	39 (3.8%)	39 (3.6%)
2.	Somewhat valuable.	0 (0.0%)	0 (0.0%)	0 (0.0%)	16 (15.5%)	16 (14.5%)	0 (0.0%)	4 (5.1%)	125 (12.3%)	126 (11.6%)
3.	Moderately valuable.	1 (100.0%)	1 (100.0%)	1 (100.0%)	25 (24.3%)	25 (22.7%)	2 (20.0%)	10 (12.8%)	271 (26.6%)	277 (25.5%)
4.	Very valuable.	0 (0.0%)	0 (0.0%)	0 (0.0%)	34 (33.0%)	35 (31.8%)	3 (30.0%)	32 (41.0%)	343 (33.6%)	367 (33.8%)
5.	Extremely valuable.	0 (0.0%)	0 (0.0%)	0 (0.0%)	25 (24.3%)	31 (28.2%)	5 (50.0%)	31 (39.7%)	242 (23.7%)	277 (25.5%)
10.	986 LS	Concerning the organization of the laboratory, the materials, supplies, and room were usually:								
	number of responses (N)	2	2	2	92	101	7	56	933	1005
1.	Extremely disorganized and inadequate.	0 (0.0%)	0 (0.0%)	0 (0.0%)	3 (3.3%)	3 (3.0%)	0 (0.0%)	0 (0.0%)	21 (2.3%)	21 (2.1%)
2.	Poorly organized and barely adequate.	0 (0.0%)	0 (0.0%)	0 (0.0%)	3 (3.3%)	3 (3.0%)	0 (0.0%)	1 (1.8%)	80 (8.6%)	82 (8.2%)
3.	Moderately organized and adequate.	0 (0.0%)	0 (0.0%)	0 (0.0%)	18 (19.6%)	19 (18.8%)	1 (14.3%)	12 (21.4%)	297 (31.8%)	310 (30.8%)
4.	Well organized and more than adequate.	1 (50.0%)	1 (50.0%)	1 (50.0%)	44 (47.8%)	45 (44.6%)	3 (42.9%)	23 (41.1%)	351 (37.6%)	377 (37.5%)
5.	Extremely well organized and excellent.	1 (50.0%)	1 (50.0%)	1 (50.0%)	24 (26.1%)	31 (30.7%)	3 (42.9%)	20 (35.7%)	184 (19.7%)	215 (21.4%)
Responses to open-ended questions										
11.	975 OE	Your instructor would like to know what you think s/he has done especially well in teaching this course.								
		<p>Stimulating interest, being concerned, and beign considerate. Offering the free choice project was really awesome.</p> <p>Carl is the best! Making the class project-based was a great idea. I feel that I learned a lot more than I would have otherwise. Carl's presentations are always interesting and he is such a happy guy I don't mind hauling myself out of a warm bed to come to his class at eight am. The workload was manageable as long as projects are started in a timely manner.</p> <p>I liked the 'freedom' in this class from the weekly homeworks and cumulative exams. The periodic projects seem more like what I will be doing in my future, and I've learned from this class that I like that routine. I liked that we could pick our own individual topics for the independent project. The group project was good too, I had never really worked on a coding project with more than one other person, so it was a learning experience.</p> <p>You did a great job relating all that we have learned about programming and computers to real world applications and helping us see the benefit to learning the things we did.</p> <p>Great presentation of material, always a pleasure to learn any topic from this man.</p>								

He knew the material very well and was able to answer questions effectively. He was very enthusiastic which made it more fun to learn and was helpful to keep the class engaged at 8am. He was very receptive to student feedback, even implementing an evaluation for the group project upon request. He was also very helpful with coding questions and just very knowledgeable. Great Class! The independent project was a great idea because it allowed each student to explore their own interest and exposed the class to many different subjects.

Carl is a great professor. He is not only extremely enthusiastic while he is teaching but also always willing to help and great at explaining things. He is really concerned that the students understand the material and he takes feedback and suggestions and improves the course.

12. 976 OE Your instructor would like to know what should be done to improve the teaching of this course.

Really don't know.. maybe more other DIP video presentations on interesting topics

Haha, no video!

I think the gap between the Demosaic project and the Independent project was too long. Maybe, with the Demosaic papers still due the week after break, you could also require some sort of proposal for out Independent project.

The only thing I would like to see changed is maybe the "pace" of the last few projects. It was alright getting the independent project and compression project coded up in time, but the write up/video due right at the end of that week was definitely rushed. Maybe give the weekend after week10 and have the paper/video due on the monday ...

Nothing, structure was great and allowed for learning of concepts in the classroom and exploration of individual algorithms outside of class. Great class, well designed and taught.

The slides were a little bit hard to follow when going back to them. It would have been nice to have them in order in the way that they were presented, or even broken up into categories (watermarking, compression, demosaicing, etc). I think that the main problem with the class was that all of the projects were due around the same time. I know that it would have been easier if they had been started earlier, but in some cases they were. Spreading out the due dates, or even having intermediate due dates for parts of projects would have been better.

I guess the only thing would be the JPEG 2000 video. I appreciate the idea of learning it from the creator, but the video was hard to pay attention to and I didn't absorb much.

13. 1611 OE In what ways did the content of this course build on or integrate material from previous or prerequisite courses in the curriculum?

It was a nice follow up from DIP one, and a bit more laid back

The course was entirely programming, so obviously Intro to Programming and DIP were drawn upon heavily. Other classes came into play to understand the algorithms being implemented.

We used a lot of the concepts we learned in DIP II, such as how to handle images and the convolution and correlation of images.

This course built on the tools from DIP 1 and gave us new implementations and interesting applications.

You have to use the techniques from DIP I and programming in order to be able to implement the projects. Also, the course taught a very valuable skill in that students had to implement an algorithm described in a paper and then write their own paper. It was much more realistic than the assignments given in other courses and a valuable skill to learn.

The course used much of the information from linear math and digital image processing one. The background information from digital image processing one could be a little stronger, there are some things that Carl thought we knew that we didn't yet.



ONLINE COURSE EVALUATIONS

COURSE SUMMARY REPORT

Instructor 1: Salvaggio, Carl
Course: 1051-462-01, Digital Image Proc II
Quarter: 20102
Total responses: 15 out of 20 students.

Key Style: letters - numbers
Totals Style: max - average

[Show Open-Ended Responses](#)

Key: A = none at all , B = slight, C = moderate, D = strong

1) Your initial desire to take this course was: (15/20 Responded)

A: 2 (13.3%) B: 1 (6.7%) C: 6 (40.0%) D: 6 (40.0%)

C

Key: A = very elementary, B = somewhat elementary, C = about right, D = somewhat difficult, E = very difficult

2) For your background and ability, this course was: (15/20 Responded)

A: 1 (6.7%) B: 1 (6.7%) C: 7 (46.7%) D: 4 (26.7%) E: 2 (13.3%)

C

Key: A = A, B = B, C = C, D = D, E = F

3) What grade do you expect to receive in this course? (14/20 Responded)

A: 5 (33.3%) B: 8 (53.3%) C: 1 (6.7%) D: 0 (0.0%) E: 0 (0.0%)

B

Key: A = Worst possible rating, B = Below average, C = Average, D = Above average, E = Best possible rating

4) How concerned was the instructor that students learn? (15/20 Responded)

A: 0 (0.0%) B: 0 (0.0%) C: 2 (13.3%) D: 5 (33.3%) E: 8 (53.3%)

E

5) How much did the instructor stimulate your thinking and interest in the subject? (15/20 Responded)

A: 0 (0.0%) B: 1 (6.7%) C: 2 (13.3%) D: 5 (33.3%) E: 7 (46.7%)

E

6) How effective was the method of presentation of the course material? (15/20 Responded)

A: 0 (0.0%) B: 1 (6.7%) C: 4 (26.7%) D: 4 (26.7%) E: 6 (40.0%)

E

7) What is your overall rating of this course? (15/20 Responded)

A: 1 (6.7%) B: 0 (0.0%) C: 5 (33.3%) D: 4 (26.7%) E: 5 (33.3%)

C

8) What is your overall rating of this instructor? (15/20 Responded)

A: 0 (0.0%) B: 0 (0.0%) C: 4 (26.7%) D: 3 (20.0%) E: 8 (53.3%)

E

Key: A = Of little value., B = Somewhat valuable., C = Moderately valuable., D = Very valuable., E = Extremely valuable.

9) In general, were the laboratory experiments of value either in developing techniques and experience or in contributing to understanding the subject? (5/20 Responded)

A: 0 (0.0%) B: 1 (6.7%) C: 1 (6.7%) D: 0 (0.0%) E: 3 (20.0%)

E

Key: A = Extremely disorganized and inadequate., B = Poorly organized and barely adequate., C = Moderately organized and adequate., D = Well organized and more than adequate., E = Extremely well organized and excellent.

10) Concerning the organization of the laboratory, the materials, supplies, and room were usually: (4/20 Responded)

A: 0 (0.0%) B: 0 (0.0%) C: 2 (13.3%) D: 0 (0.0%) E: 2 (13.3%)

C

11) Your instructor would like to know what you think s/he has done especially well in teaching this course. (7/20 Responded)

- Carl is a genius and explains tough concepts in a way that everyone (paying attention) can understand. He already knows how much we all love him and this class is a great stepping stone between introductory programming and more

complicated algorithms. Also, when my video sucked, Carl gave me good feedback and his critique was positive.

- The professor did an excellent job presenting the material. Projects were challenging but fair, and definitely within the abilities of the students. A variety of topics were covered, and projects were essentially up to the student. The professor answered any questions students had, and was willing and available to help outside of class if necessary.
- Total different class type, but awesome. I loved getting to search for a project that interested me. Also, I thought the assigned projects were good and there was a nice range of things to do.
- Lectures explain the material well and are easy to understand.
- A project-based course like DIP II at the undergraduate level is a great idea. This course provided a great opportunity to get our hands dirty with actual techniques developed in the field of image processing, which is something lacking from many other courses. I was able to develop my abilities writing technical papers, which will be important in the future. Great class.
- The instructor presented good examples of papers which implemented algorithms that were taught in the course. I was very satisfied with the fact that the professor was willing to offer help with programming questions while making sure that the student first understood the technique that he or she was trying to implement. The instructor was very good at helping students improve their presentation and technical paper writing skills. Along with everything mentioned previously, the professor was very approachable and never wanted for a student to feel uncomfortable for asking any questions.
- I think Carl's flexibility to let us pick projects that work for our coding and academic performance level was great.

12) Your instructor would like to know what should be done to improve the teaching of this course. (6/20 Responded)

- The first few weeks were very laid back, and the last few were fairly hectic. Pushing the first project up a week would leave time for students to comfortably fit in the final two and not have to cram it all into the last couple weeks.
- Not a fault of the course, or the instructor, but it was frustrating how the timing works out over winter quarter. With 5 weeks for the first project it was easy to put it off and get it done quickly as it was straight forward. This was due to the break which always throws off the flow of a course. I'm not sure how it could be improved since the break just chops it up, but the remaining weeks seemed to fly by.
- The timeline for assignments makes the course very stressful towards the end of the quarter. The two most difficult assignments are due in the last two weeks. In theory, we would be able to complete the independent project earlier in the quarter because it doesn't correspond to what's being taught in lecture, but because of the other courses most students are taking simultaneously, there simply isn't time. The demands might be more realistic if the independent project required only a paper or a presentation, not both, and if the compression presentation was due on finals week.
- The data structures lecture was hard to follow.
- The instructor of the class could have discussed a series of unique image processing algorithms on top of the ones which were required for the course.
- I think the scheduling of the projects needs to be changed in the future. The projects decrease in work time while increasing in difficulty which made the class super stressful. This may be something that already has solutions in the semester conversion curriculum but I felt it was worth mentioning. I also didn't like the compression presentations to the grad students for bonus points. They seemed upset that they had to wake up early and I think Carl could have awarded the bonus points just as well himself and made more productive comments than the grads.

13) In what ways did the content of this course build on or integrate material from previous or prerequisite courses in the curriculum? (5/20 Responded)

- The course built on knowledge gained in Programming for Imaging Science.
- Linear math for imaging and digital image processing I topics are extremely important to the course and expanded upon further.
- Roger's DIP I class provided a good theoretical foundation for this class, although it did not provide enough coding opportunities to prepare for this class.
- The course built on the programming skills previously learned in in Digital Image Processing I and in Programming for Imaging Science. The course also built on technical writing skills along with presentation skills which were previously practiced in several other courses in the Imaging Science curriculum.
- This course was totally different than Dip1 but I think it was a good juxtaposition.

[Show Open-Ended Responses](#)

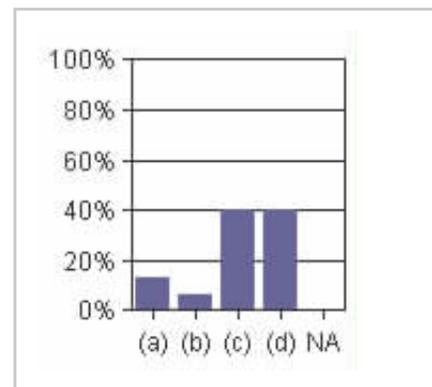
OCE - COURSE SUMMARY REPORT

Instructor 1: Salvaggio, Carl
 Course: 1051-462-01 Digital Image Proc II
 Quarter: 20102
 Total responses: 15

PART 1

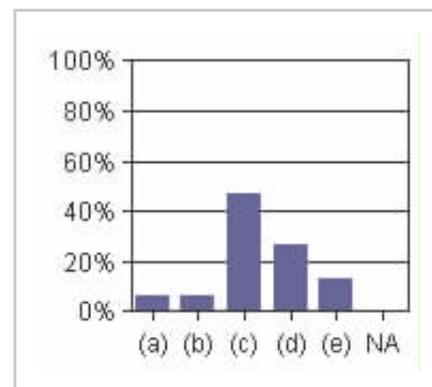
1) Your initial desire to take this course was: (15 answered)

option	text	number	percent
(a)	none at all	2	13.3%
(b)	slight	1	6.7%
(c)	moderate	6	40.0%
(d)	strong	6	40.0%
	Not Answered	0	0.0%



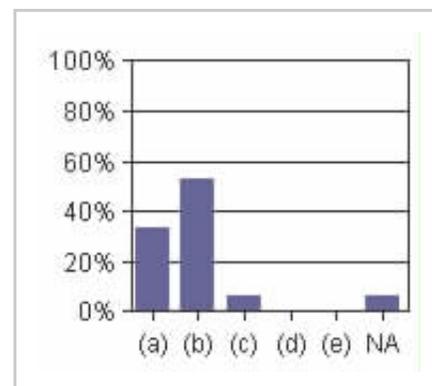
2) For your background and ability, this course was: (15 answered)

option	text	number	percent
(a)	very elementary	1	6.7%
(b)	somewhat elementary	1	6.7%
(c)	about right	7	46.7%
(d)	somewhat difficult	4	26.7%
(e)	very difficult	2	13.3%
	Not Answered	0	0.0%



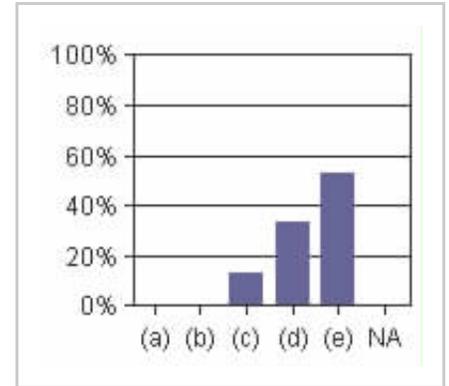
3) What grade do you expect to receive in this course? (14 answered)

option	text	number	percent
(a)	A	5	33.3%
(b)	B	8	53.3%
(c)	C	1	6.7%
(d)	D	0	0.0%
(e)	F	0	0.0%
	Not Answered	1	6.7%



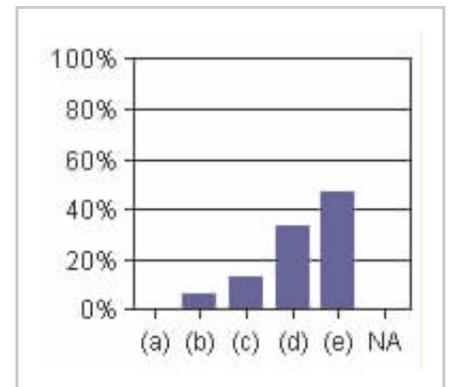
4) How concerned was the instructor that students learn? (15 answered)

option	text	number	percent
(a)	Worst possible rating	0	0.0%
(b)	Below average	0	0.0%
(c)	Average	2	13.3%
(d)	Above average	5	33.3%
(e)	Best possible rating	8	53.3%
	Not Answered	0	0.0%



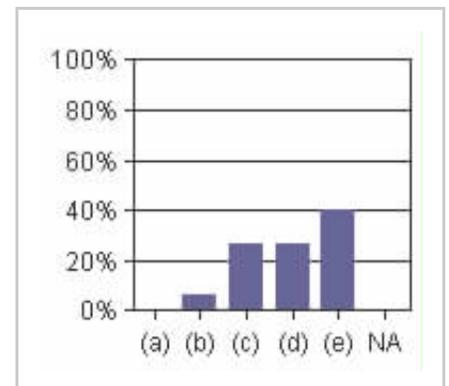
5) How much did the instructor stimulate your thinking and interest in the subject? (15 answered)

option	text	number	percent
(a)	Worst possible rating	0	0.0%
(b)	Below average	1	6.7%
(c)	Average	2	13.3%
(d)	Above average	5	33.3%
(e)	Best possible rating	7	46.7%
	Not Answered	0	0.0%



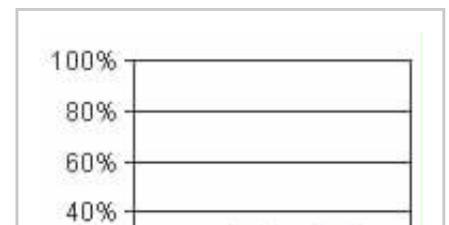
6) How effective was the method of presentation of the course material? (15 answered)

option	text	number	percent
(a)	Worst possible rating	0	0.0%
(b)	Below average	1	6.7%
(c)	Average	4	26.7%
(d)	Above average	4	26.7%
(e)	Best possible rating	6	40.0%
	Not Answered	0	0.0%

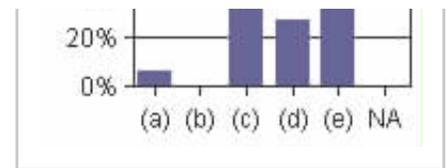


7) What is your overall rating of this course? (15 answered)

option	text	number	percent
(a)	Worst possible rating	1	6.7%
(b)	Below average	0	0.0%
(c)	Average	5	33.3%

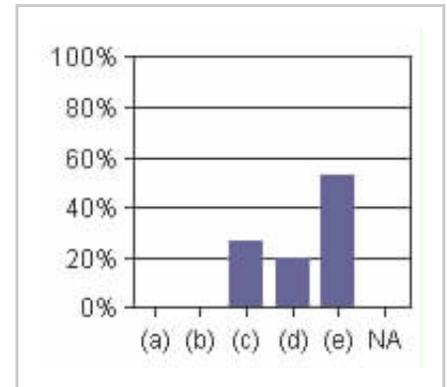


(d)	Above average	4	26.7%
(e)	Best possible rating	5	33.3%
	Not Answered	0	0.0%



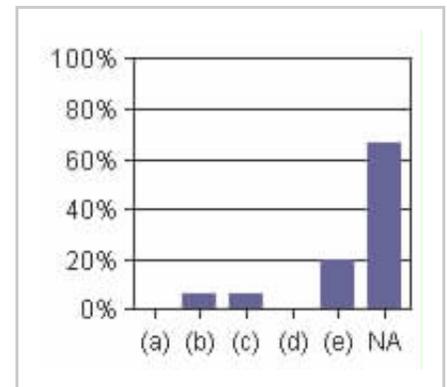
8) What is your overall rating of this instructor? (15 answered)

option	text	number	percent
(a)	Worst possible rating	0	0.0%
(b)	Below average	0	0.0%
(c)	Average	4	26.7%
(d)	Above average	3	20.0%
(e)	Best possible rating	8	53.3%
	Not Answered	0	0.0%



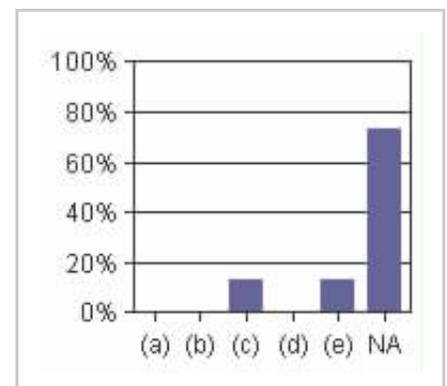
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option	text	number	percent
(a)	Of little value.	0	0.0%
(b)	Somewhat valuable.	1	6.7%
(c)	Moderately valuable.	1	6.7%
(d)	Very valuable.	0	0.0%
(e)	Extremely valuable.	3	20.0%
	Not Answered	10	66.7%



10) Concerning the organization of the laboratory, the materials, supplies, and room were usually: (4 answered)

option	text	number	percent
(a)	Extremely disorganized and inadequate.	0	0.0%
(b)	Poorly organized and barely adequate.	0	0.0%
(c)	Moderately organized and adequate.	2	13.3%
(d)	Well organized and more than adequate.	0	0.0%
(e)	Extremely well organized and excellent.	2	13.3%
	Not Answered	11	73.3%



11) Your instructor would like to know what you think s/he has done especially well in teaching this course. (7 answered)

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- love him and this class is a great stepping stone between introductory programming and more complicated algorithms. Also, when my video sucked, Carl gave me good feedback and his critique was positive.

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- variety of topics were covered, and projects were essentially up to the student. The professor answered any questions students had, and was willing and available to help outside of class if necessary.

Total different class type, but awesome. I loved getting to search for a project that interested me. Also, I thought the assigned projects were good and there was a nice range of things to do.

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- I think Carl's flexibility to let us pick projects that work for our coding and academic performance level was great.

12) Your instructor would like to know what should be done to improve the teaching of this course. (6 answered)

The first few weeks were very laid back, and the last few were fairly hectic. Pushing the first project up a week would leave time for students to comfortably fit in the final two and not have to cram it all into the last couple weeks.

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presentation was due on finals week.

- The data structures lecture was hard to follow.

The instructor of the class could have discussed a series of unique image

- processing algorithms on top of the ones which were required for the course.

I think the scheduling of the projects needs to be changed in the future.

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- solutions in the semester conversion curriculum but I felt it was worth mentioning. I also didn't like the compression presentations to the grad students for bonus points. They seemed upset that they had to wake up early and I think Carl could have awarded the bonus points just as well himself and made more productive comments than the grads.

13) In what ways did the content of this course build on or integrate material from previous or prerequisite courses in the curriculum? (5 answered)

- The course built on knowledge gained in Programming for Imaging Science.

- Linear math for imaging and digital image processing I topics are extremely important to the course and expanded upon further.

Roger's DIP I class provided a good theoretical foundation for this class,

- although it did not provide enough coding opportunities to prepare for this class.

The course built on the programming skills previously learned in in Digital Image Processing I and in Programming for Imaging Science. The

- course also built on technical writing skills along with presentation skills which were previously practiced in several other courses in the Imaging Science curriculum.

- This course was was totally different than Dip1 but I think it was a good juxtaposition.

OCE - COURSE SUMMARY REPORT

Instructor 1: Salvaggio, Carl
Course: 1051-462-01 Digital Image Proc Ii
Quarter: 20111
Total responses: 7

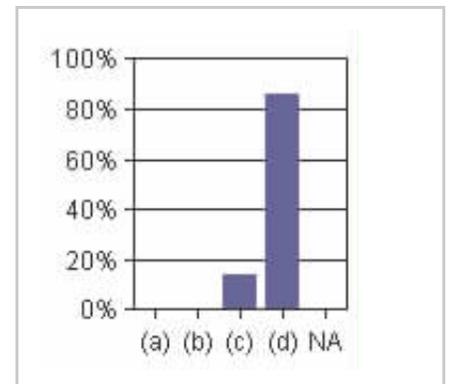
PART 1

Your evaluation of this course is an important means of collecting data for use in improving teaching in the Center for Imaging Science. Please read the questions carefully and answer them honestly. Your thoughtful answers will be valuable to instructors and administrators. This evaluation is completely anonymous. Results will be compiled after grades have been submitted at the end of this quarter.

Section One: Student Data

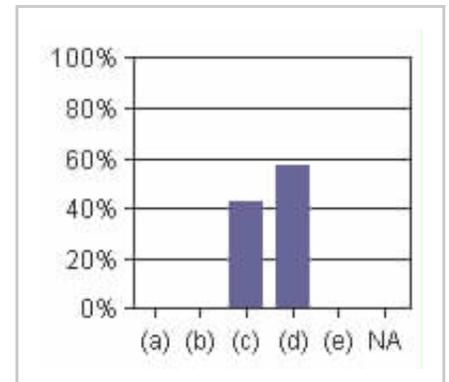
1) Your initial desire to take this course was: (7 answered)

option	text	number	percent
(a)	none at all	0	0.0%
(b)	slight	0	0.0%
(c)	moderate	1	14.3%
(d)	strong	6	85.7%
	Not Answered	0	0.0%



2) For your background and ability, this course was: (7 answered)

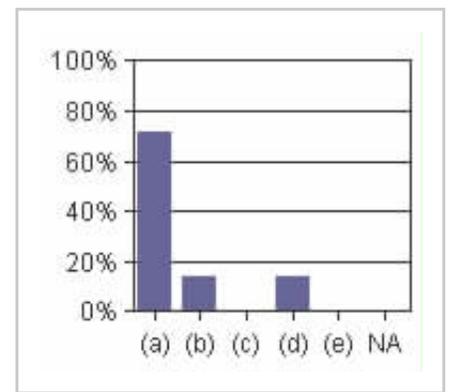
option	text	number	percent
(a)	very elementary	0	0.0%
(b)	somewhat elementary	0	0.0%
(c)	about right	3	42.9%
(d)	somewhat difficult	4	57.1%
(e)	very difficult	0	0.0%
	Not Answered	0	0.0%



3) What grade do you expect to receive in this course? (7 answered)

option	text	number	percent
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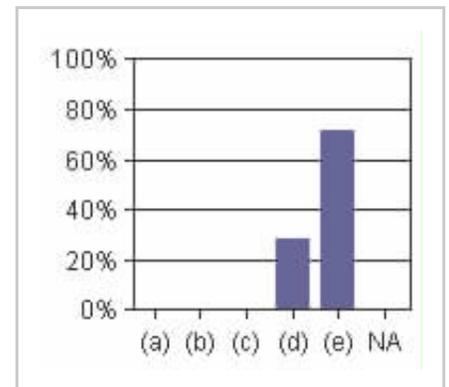
(a)	A	5	71.4%
(b)	B	1	14.3%
(c)	C	0	0.0%
(d)	D	1	14.3%
(e)	F	0	0.0%
Not Answered		0	0.0%



Section Two: General Questions

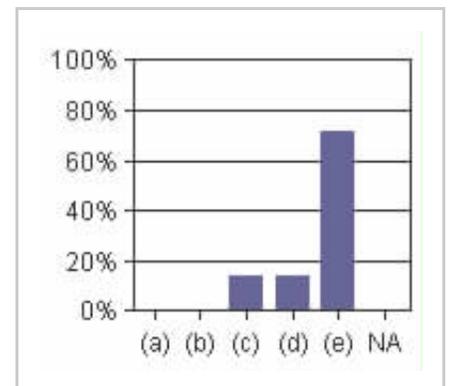
4) How concerned was the instructor that students learn? (7 answered)

option	text	number	percent
(a)	Worst possible rating	0	0.0%
(b)	Below average	0	0.0%
(c)	Average	0	0.0%
(d)	Above average	2	28.6%
(e)	Best possible rating	5	71.4%
Not Answered		0	0.0%



5) How much did the instructor stimulate your thinking and interest in the subject? (7 answered)

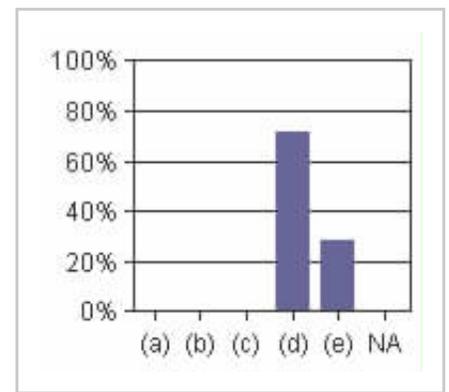
option	text	number	percent
(a)	Worst possible rating	0	0.0%
(b)	Below average	0	0.0%
(c)	Average	1	14.3%
(d)	Above average	1	14.3%
(e)	Best possible rating	5	71.4%
Not Answered		0	0.0%



6) How effective was the method of presentation of the course material? (7 answered)

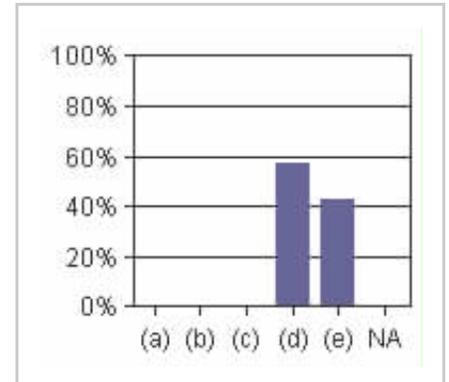
option	text	number	percent
(a)	Worst possible rating	0	0.0%
(b)	Below average	0	0.0%
(c)	Average	0	0.0%

(d)	Above average	5	71.4%
(e)	Best possible rating	2	28.6%
	Not Answered	0	0.0%



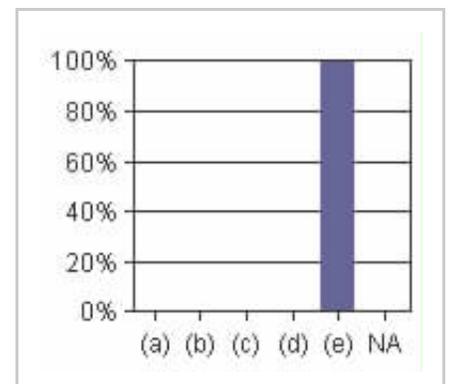
7) What is your overall rating of this course? (7 answered)

option	text	number	percent
(a)	Worst possible rating	0	0.0%
(b)	Below average	0	0.0%
(c)	Average	0	0.0%
(d)	Above average	4	57.1%
(e)	Best possible rating	3	42.9%
	Not Answered	0	0.0%



8) What is your overall rating of this instructor? (7 answered)

option	text	number	percent
(a)	Worst possible rating	0	0.0%
(b)	Below average	0	0.0%
(c)	Average	0	0.0%
(d)	Above average	0	0.0%
(e)	Best possible rating	7	100.0%
	Not Answered	0	0.0%

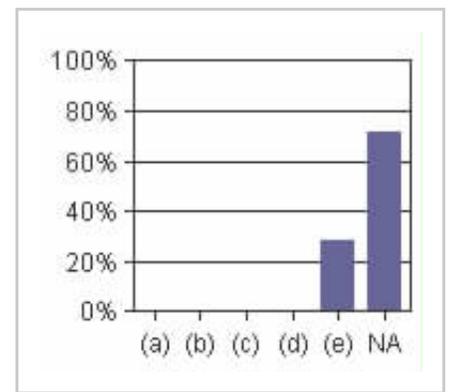


Section Three: Laboratory

9) In general, were the laboratory experiments of value either in developing techniques and experience or in contributing to understanding the subject? (2 answered)

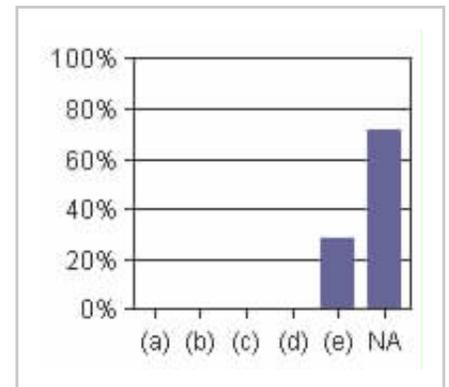
option	text	number	percent
(a)	Of little value.	0	0.0%
(b)	Somewhat valuable.	0	0.0%
(c)	Moderately valuable.	0	0.0%

(d)	Very valuable.	0	0.0%
(e)	Extremely valuable.	2	28.6%
	Not Answered	5	71.4%



10) Concerning the organization of the laboratory, the materials, supplies, and room were usually: (2 answered)

option	text	number	percent
(a)	Extremely disorganized and inadequate.	0	0.0%
(b)	Poorly organized and barely adequate.	0	0.0%
(c)	Moderately organized and adequate.	0	0.0%
(d)	Well organized and more than adequate.	0	0.0%
(e)	Extremely well organized and excellent.	2	28.6%
	Not Answered	5	71.4%



Section Four: Comments

11) Your instructor would like to know what you think s/he has done especially well in teaching this course. (6 answered)

The instructor was very approachable and helped with any issues I had

- with programming. Everything was presented clearly and I could understand what was being taught.

- Providing tons of examples and suggestions

- Good presentation and slides. Helpful out of class.

Carl was especially good at generating discussions relating to the course

- materials that involved student interests. As well as providing relevant examples of material applications.

The course involved a lot of relevant image processing concepts that I

- found interesting to learn about. Also, Carl is always attentive to his students and is a great teacher.

- Great courses urges student to be independent and think for self. Even though specific projects assigned enjoyed the freedom of picking implementation of method. Gave a chance to see other perspectives of how same problem solved in different ways.

12) Your instructor would like to know what should be done to improve the teaching of this course. (6 answered)

It would be better if it wasn't at 8am, I would've paid more attention. The end of the course was very stressful. It would be better not to have two projects due week 10 but rather one week 9 and one week 11. I

- I didn't like the requirement of making a video. I think it should've been optional. I think my grade suffered because i couldn't communicate as effectively in video as i would've on paper.

- trade off watermarking for seam carving or eigenfaces

I wasn't a fan of the demosaicing project. It was interesting but pretty boring to do a project on. I liked the watermarking the best. I think it

- would be nice if there was another project that was independent, not fully independent, but more like give a few topics and let the student pick which one they would want to do.

I found that if I used the entire work period for each project I had enough time to complete all the assignments. And working as a group on

- the final project proved to be very helpful and constructive. I can't think of anything that could make the course better. Possibly including more information video compression could be worthwhile.

I can't think of anything wrong with the course. It seemed like time was

- always short for the project due dates, but that is possibly a result of a combination of classes this past quarter.

- Bilateral was not my favorite project could have done without.

13) In what ways did the content of this course build on or integrate material from previous or prerequisite courses in the curriculum? (5 answered)

Since DIP 1 was taught by someone else, it was difficult to know what

- we were expected to know in DIP 2. I think Carl should teach all DIP classes.

- Involved a lot of imaging techniques from DIP1

- More on feature detection would be nice, but apparently that was supposed to be in DIP I.

It required the use of almost all my previous relevant course knowledge.

- This class pushed me to really understand the material to a strict expertise in order to successfully complete assignments.

Necessary to have some programming knowledge courses such as DIP I

- and intro to programming for imaging science are highly necessary to succeed in this class.

OCE - COURSE DETAIL REPORT

20111 1051-462-01 Digital Image Proc II

Instructor: Salvaggio, Carl

Department Template #206

20111 Results								Cumulative Results			
order	number	question	section	course	instructor	department	college	course	instructor	department	college
1.	967 MC	Your initial desire to take this course was:									
		number of responses (N)	7	7	7	204	214	52	223	2549	2733
1.		none at all	0 (0.0%)	0 (0.0%)	0 (0.0%)	8 (3.9%)	8 (3.7%)	2 (3.8%)	13 (5.8%)	125 (4.9%)	127 (4.6%)
2.		slight	0 (0.0%)	0 (0.0%)	0 (0.0%)	43 (21.1%)	43 (20.1%)	4 (7.7%)	16 (7.2%)	393 (15.4%)	395 (14.5%)
3.		moderate	1 (14.3%)	1 (14.3%)	1 (14.3%)	76 (37.3%)	78 (36.4%)	16 (30.8%)	71 (31.8%)	1034 (40.6%)	1076 (39.4%)
4.		strong	6 (85.7%)	6 (85.7%)	6 (85.7%)	77 (37.7%)	85 (39.7%)	30 (57.7%)	123 (55.2%)	997 (39.1%)	1135 (41.5%)
2.	968 MC	For your background and ability, this course was:									
		number of responses (N)	7	7	7	207	217	52	224	2552	2737
1.		very elementary	0 (0.0%)	0 (0.0%)	0 (0.0%)	9 (4.3%)	10 (4.6%)	1 (1.9%)	8 (3.6%)	121 (4.7%)	123 (4.5%)
2.		somewhat elementary	0 (0.0%)	0 (0.0%)	0 (0.0%)	26 (12.6%)	26 (12.0%)	1 (1.9%)	11 (4.9%)	308 (12.1%)	313 (11.4%)
3.		about right	3 (42.9%)	3 (42.9%)	3 (42.9%)	102 (49.3%)	106 (48.8%)	33 (63.5%)	133 (59.4%)	1350 (52.9%)	1465 (53.5%)
4.		somewhat difficult	4 (57.1%)	4 (57.1%)	4 (57.1%)	56 (27.1%)	61 (28.1%)	15 (28.8%)	48 (21.4%)	582 (22.8%)	631 (23.1%)
5.		very difficult	0 (0.0%)	0 (0.0%)	0 (0.0%)	14 (6.8%)	14 (6.5%)	2 (3.8%)	24 (10.7%)	191 (7.5%)	205 (7.5%)
3.	969 MC	What grade do you expect to receive in this course?									
		number of responses (N)	7	7	7	192	202	50	211	2373	2546
1.		A	5 (71.4%)	5 (71.4%)	5 (71.4%)	99 (51.6%)	104 (51.5%)	27 (54.0%)	127 (60.2%)	1275 (53.7%)	1409 (55.3%)
2.		B	1 (14.3%)	1 (14.3%)	1 (14.3%)	69 (35.9%)	74 (36.6%)	20 (40.0%)	65 (30.8%)	875 (36.9%)	912 (35.8%)
3.		C	0 (0.0%)	0 (0.0%)	0 (0.0%)	18 (9.4%)	18 (8.9%)	2 (4.0%)	16 (7.6%)	194 (8.2%)	196 (7.7%)
4.		D	1 (14.3%)	1 (14.3%)	1 (14.3%)	6 (3.1%)	6 (3.0%)	1 (2.0%)	3 (1.4%)	27 (1.1%)	27 (1.1%)
5.		F	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	2 (0.1%)	2 (0.1%)
4.	977 LS	How concerned was the instructor that students learn?									
		number of responses (N)	7	7	7	206	216	52	223	2562	2746
1.		Worst possible rating	0 (0.0%)	0 (0.0%)	0 (0.0%)	1 (0.5%)	1 (0.5%)	0 (0.0%)	0 (0.0%)	25 (1.0%)	25 (0.9%)
2.		Below average	0 (0.0%)	0 (0.0%)	0 (0.0%)	7 (3.4%)	9 (4.2%)	0 (0.0%)	1 (0.4%)	100 (3.9%)	107 (3.9%)
3.		Average	0 (0.0%)	0 (0.0%)	0 (0.0%)	44 (21.4%)	46 (21.3%)	3 (5.8%)	13 (5.8%)	500 (19.5%)	519 (18.9%)
4.		Above average	2 (28.6%)	2 (28.6%)	2 (28.6%)	74 (35.9%)	76 (35.2%)	17 (32.7%)	54 (24.2%)	879 (34.3%)	937 (34.1%)
5.		Best possible rating	5 (71.4%)	5 (71.4%)	5 (71.4%)	80 (38.8%)	84 (38.9%)	32 (61.5%)	155 (69.5%)	1058 (41.3%)	1158 (42.2%)
5.	978 LS	How much did the instructor stimulate your thinking and interest in the subject?									
		number of responses (N)	7	7	7	207	217	52	223	2558	2742
1.		Worst possible rating	0 (0.0%)	0 (0.0%)	0 (0.0%)	5 (2.4%)	6 (2.8%)	0 (0.0%)	0 (0.0%)	52 (2.0%)	55 (2.0%)
2.		Below average	0 (0.0%)	0 (0.0%)	0 (0.0%)	9 (4.3%)	10 (4.6%)	1 (1.9%)	6 (2.7%)	199 (7.8%)	205 (7.5%)
3.		Average	1 (14.3%)	1 (14.3%)	1 (14.3%)	52 (25.1%)	52 (24.0%)	4 (7.7%)	19 (8.5%)	568 (22.2%)	599 (21.8%)
4.		Above average	1 (14.3%)	1 (14.3%)	1 (14.3%)	61 (29.5%)	65 (30.0%)	11 (21.2%)	54 (24.2%)	814 (31.8%)	870 (31.7%)
5.		Best possible rating	5 (71.4%)	5 (71.4%)	5 (71.4%)	80 (38.6%)	84 (38.7%)	36 (69.2%)	144 (64.6%)	925 (36.2%)	1013 (36.9%)
6.	979 LS	How effective was the method of presentation of the course material?									
		number of responses (N)	7	7	7	207	217	52	222	2550	2732
1.		Worst possible rating	0 (0.0%)	0 (0.0%)	0 (0.0%)	2 (1.0%)	2 (0.9%)	0 (0.0%)	0 (0.0%)	78 (3.1%)	79 (2.9%)
2.		Below average	0 (0.0%)	0 (0.0%)	0 (0.0%)	22 (10.6%)	24 (11.1%)	1 (1.9%)	8 (3.6%)	320 (12.5%)	331 (12.1%)
3.		Average	0 (0.0%)	0 (0.0%)	0 (0.0%)	57 (27.5%)	59 (27.2%)	7 (13.5%)	35 (15.8%)	674 (26.4%)	713 (26.1%)
4.		Above average	5 (71.4%)	5 (71.4%)	5 (71.4%)	67 (32.4%)	70 (32.3%)	20 (38.5%)	72 (32.4%)	737 (28.9%)	785 (28.7%)
5.		Best possible rating	2 (28.6%)	2 (28.6%)	2 (28.6%)	59 (28.5%)	62 (28.6%)	24 (46.2%)	107 (48.2%)	741 (29.1%)	824 (30.2%)
7.	980 LS	What is your overall rating of this course?									
		number of responses (N)	7	7	7	208	218	52	222	2562	2746
1.		Worst possible rating	0 (0.0%)	0 (0.0%)	0 (0.0%)	2 (1.0%)	2 (0.9%)	1 (1.9%)	1 (0.5%)	46 (1.8%)	46 (1.7%)
2.		Below average	0 (0.0%)	0 (0.0%)	0 (0.0%)	14 (6.7%)	14 (6.4%)	0 (0.0%)	4 (1.8%)	210 (8.2%)	218 (7.9%)

3.	Average	0 (0.0%)	0 (0.0%)	0 (0.0%)	56 (26.9%)	59 (27.1%)	6 (11.5%)	29 (13.1%)	671 (26.2%)	700 (25.5%)
4.	Above average	4 (57.1%)	4 (57.1%)	4 (57.1%)	67 (32.2%)	71 (32.6%)	18 (34.6%)	72 (32.4%)	855 (33.4%)	918 (33.4%)
5.	Best possible rating	3 (42.9%)	3 (42.9%)	3 (42.9%)	69 (33.2%)	72 (33.0%)	27 (51.9%)	116 (52.3%)	780 (30.4%)	864 (31.5%)
8.	981 LS	What is your overall rating of this instructor?								
	number of responses (N)	7	7	7	208	218	52	220	2550	2734
1.	Worst possible rating	0 (0.0%)	0 (0.0%)	0 (0.0%)	2 (1.0%)	2 (0.9%)	0 (0.0%)	0 (0.0%)	41 (1.6%)	41 (1.5%)
2.	Below average	0 (0.0%)	0 (0.0%)	0 (0.0%)	6 (2.9%)	8 (3.7%)	0 (0.0%)	2 (0.9%)	137 (5.4%)	145 (5.3%)
3.	Average	0 (0.0%)	0 (0.0%)	0 (0.0%)	43 (20.7%)	44 (20.2%)	5 (9.6%)	15 (6.8%)	513 (20.1%)	533 (19.5%)
4.	Above average	0 (0.0%)	0 (0.0%)	0 (0.0%)	69 (33.2%)	72 (33.0%)	7 (13.5%)	43 (19.5%)	783 (30.7%)	839 (30.7%)
5.	Best possible rating	7 (100.0%)	7 (100.0%)	7 (100.0%)	88 (42.3%)	92 (42.2%)	40 (76.9%)	160 (72.7%)	1076 (42.2%)	1176 (43.0%)
9.	984 LS	In general, were the laboratory experiments of value either in developing techniques and experience or in contributing to understanding the subject?								
	number of responses (N)	2	2	2	138	139	17	121	1664	1765
1.	Of little value.	0 (0.0%)	0 (0.0%)	0 (0.0%)	9 (6.5%)	10 (7.2%)	0 (0.0%)	1 (0.8%)	76 (4.6%)	77 (4.4%)
2.	Somewhat valuable.	0 (0.0%)	0 (0.0%)	0 (0.0%)	16 (11.6%)	16 (11.5%)	1 (5.9%)	5 (4.1%)	201 (12.1%)	202 (11.4%)
3.	Moderately valuable.	0 (0.0%)	0 (0.0%)	0 (0.0%)	34 (24.6%)	34 (24.5%)	3 (17.6%)	11 (9.1%)	417 (25.1%)	424 (24.0%)
4.	Very valuable.	0 (0.0%)	0 (0.0%)	0 (0.0%)	40 (29.0%)	40 (28.8%)	3 (17.6%)	39 (32.2%)	529 (31.8%)	561 (31.8%)
5.	Extremely valuable.	2 (100.0%)	2 (100.0%)	2 (100.0%)	39 (28.3%)	39 (28.1%)	10 (58.8%)	65 (53.7%)	441 (26.5%)	501 (28.4%)
10.	986 LS	Concerning the organization of the laboratory, the materials, supplies, and room were usually:								
	number of responses (N)	2	2	2	138	141	13	93	1551	1660
1.	Extremely disorganized and inadequate.	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	28 (1.8%)	28 (1.7%)
2.	Poorly organized and barely adequate.	0 (0.0%)	0 (0.0%)	0 (0.0%)	5 (3.6%)	6 (4.3%)	0 (0.0%)	1 (1.1%)	109 (7.0%)	113 (6.8%)
3.	Moderately organized and adequate.	0 (0.0%)	0 (0.0%)	0 (0.0%)	31 (22.5%)	32 (22.7%)	3 (23.1%)	16 (17.2%)	471 (30.4%)	488 (29.4%)
4.	Well organized and more than adequate.	0 (0.0%)	0 (0.0%)	0 (0.0%)	51 (37.0%)	52 (36.9%)	3 (23.1%)	30 (32.3%)	566 (36.5%)	602 (36.3%)
5.	Extremely well organized and excellent.	2 (100.0%)	2 (100.0%)	2 (100.0%)	51 (37.0%)	51 (36.2%)	7 (53.8%)	46 (49.5%)	377 (24.3%)	429 (25.8%)
Responses to open-ended questions										
11.	975 OE	Your instructor would like to know what you think s/he has done especially well in teaching this course.								
		Carl was especially good at generating discussions relating to the course materials that involved student interests. As well as providing relevant examples of material applications.								
		The instructor was very approachable and helped with any issues I had with programming. Everything was presented clearly and I could understand what was being taught.								
		Good presentation and slides. Helpful out of class.								
		Great courses urges student to be independent and think for self. Even though specific projects assigned enjoyed the freedom of picking implementation of method. Gave a chance to see other perspectives of how same problem solved in different ways.								
		The course involved a lot of relevant image processing concepts that I found interesting to learn about. Also, Carl is always attentive to his students and is a great teacher.								
		Providing tons of examples and suggestions								
12.	976 OE	Your instructor would like to know what should be done to improve the teaching of this course.								
		I found that if I used the entire work period for each project I had enough time to complete all the assignments. And working as a group on the final project proved to be very helpful and constructive. I can't think of anything that could make the course better. Possibly including more information video compression could be worthwhile.								
		It would be better if it wasn't at 8am, I would've paid more attention. The end of the course was very stressful. It would be better not to have two projects due week 10 but rather one week 9 and one week 11. I didn't like the requirement of making a video. I think it should've been optional. I think my grade suffered because i couldn't communicate as effectively in video as i would've on paper.								
		I wasn't a fan of the demosaicing project. It was interesting but pretty boring to do a project on. I liked the watermarking the best. I think it would be nice if there was another project that was independent, not fully independent, but more like give a few topics and let the student pick which one they would want to do.								
		Bilateral was not my favorite project could have done without.								
		I can't think of anything wrong with the course. It seemed like time was always short for the project due dates, but that is possibly a result of a combination of classes this past quarter.								
		trade off watermarking for seam carving or eigenfaces								
13.	1611 OE	In what ways did the content of this course build on or integrate material from previous or prerequisite courses in the curriculum?								
		It required the use of almost all my previous relevant course knowledge. This class pushed me to really understand the material to a strict expertise in order to successfully complete assignments.								
		Since DIP 1 was taught by someone else, it was difficult to know what we were expected to know in DIP 2. I think Carl should teach all DIP classes.								
		Necessary to have some programming knowledge courses such as DIP I and intro to programming for imaging science are highly necessary to succeed in								

Necessary, to have some programming knowledge (such as C++), and more so programming for imaging science are highly necessary, to succeed in this class.

More on feature detection would be nice, but apparently that was supposed to be in DIP I.

Involved a lot of imaging techniques from DIP1



ONLINE COURSE EVALUATIONS

COURSE SUMMARY REPORT

Instructor 1: Salvaggio, Carl
Course: 1051-462-01, Digital Image Processing II
Quarter: 20121
Total responses: 16 out of 26 students.

Key Style: letters - numbers
Totals Style: max - average

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Key: A = none at all , B = slight, C = moderate, D = strong

1) Your initial desire to take this course was: (16/26 Responded)

A: 0 (0.0%) B: 2 (12.5%) C: 5 (31.3%) D: 9 (56.3%)

D

Key: A = very elementary, B = somewhat elementary, C = about right, D = somewhat difficult, E = very difficult

2) For your background and ability, this course was: (16/26 Responded)

A: 0 (0.0%) B: 0 (0.0%) C: 8 (50.0%) D: 6 (37.5%) E: 2 (12.5%)

C

Key: A = A, B = B, C = C, D = D, E = F

3) What grade do you expect to receive in this course? (16/26 Responded)

A: 9 (56.3%) B: 7 (43.8%) C: 0 (0.0%) D: 0 (0.0%) E: 0 (0.0%)

A

Key: A = Worst possible rating, B = Below average, C = Average, D = Above average, E = Best possible rating

4) How concerned was the instructor that students learn? (16/26 Responded)

A: 0 (0.0%) B: 0 (0.0%) C: 1 (6.3%) D: 6 (37.5%) E: 9 (56.3%)

E

5) How much did the instructor stimulate your thinking and interest in the subject? (16/26 Responded)

A: 0 (0.0%) B: 1 (6.3%) C: 1 (6.3%) D: 5 (31.3%) E: 9 (56.3%)

E

6) How effective was the method of presentation of the course material? (16/26 Responded)

A: 0 (0.0%) B: 1 (6.3%) C: 3 (18.8%) D: 5 (31.3%) E: 7 (43.8%)

E

7) What is your overall rating of this course? (16/26 Responded)

A: 0 (0.0%) B: 1 (6.3%) C: 1 (6.3%) D: 6 (37.5%) E: 8 (50.0%)

E

8) What is your overall rating of this instructor? (16/26 Responded)

A: 0 (0.0%) B: 0 (0.0%) C: 1 (6.3%) D: 4 (25.0%) E: 11 (68.8%)

E

Key: A = Of little value., B = Somewhat valuable., C = Moderately valuable., D = Very valuable., E = Extremely valuable.

9) In general, were the laboratory experiments of value either in developing techniques and experience or in contributing to understanding the subject? (8/26 Responded)

A: 0 (0.0%) B: 0 (0.0%) C: 0 (0.0%) D: 3 (18.8%) E: 5 (31.3%)

E

Key: A = Extremely disorganized and inadequate., B = Poorly organized and barely adequate., C = Moderately organized and adequate., D = Well organized and more than adequate., E = Extremely well organized and excellent.

10) Concerning the organization of the laboratory, the materials, supplies, and room were usually: (4/26

A: 0 (0.0%)

B: 0 (0.0%)

C: 0 (0.0%)

D: 2 (12.5%)

E: 2 (12.5%)

11) Your instructor would like to know what you think s/he has done especially well in teaching this course. (13/26 Responded)

- The presentation of numerous different projects made this course a lot more personalized for each individual student; there was no point at which I felt like I wasn't learning something that I was truly interested in because I chose what I wanted to pursue. Also, though this is kind of a side note, but, I really enjoyed how the topics presented were topics that would be very good resume builders for careers in the future. It's not too often that people can say they developed their own eigen face method, or watermarking scheme, but now the students that took DIP2 can!
- He was very helpful outside of class and made the class fun
- The way the material was presented was very well done. Having a visual representation of what is going on in equations inside of PP slides is always extremely helpful.
- Carl is one of the best professors I have had at this school. His ability to convey information to students is unrivaled in my experience.
- This course was very difficult, but both Carl and Phil were very helpful. They had no problem explaining things two or three times if we needed it. When it appeared we were not understanding a Huffman coding, Carl even let Phil teach his way of doing it. It was really nice to get two perspectives. It was also really nice that we could pick our own groups. A lot of us know who we work well with, and it made the projects go much smoother, in my opinion.
- Examples in slides and corrections where pertinent were great.
- There were some really good examples and videos explaining things.
- The student presentation idea was a great idea. It was very nice to hear different projects people were working on. It was nice to work on separate assignments so that we could learn from each other.
- Carl has done an excellent job in teaching the material and keeping the class interested.
- Explaining the real-world status of practices in the industry.
- I loved that we had so much freedom to choose what we worked on. I got to work on two projects I had wanted to do on my own sometime anyway and so getting them to do them for this class was awesome.
- Nice layout, project progression, and instructing.
- Loved the whole thing.

12) Your instructor would like to know what should be done to improve the teaching of this course. (11/26 Responded)

- My only concern about this class is the fact that the independent project really isn't given much discussion time in class before the compression techniques are picked up and starting to be talked about. I don't think it would be nearly as hard to manage the two projects being due at the same time if we were given more time to reflect upon what we actually wanted to do for the independent project while in class. I found it was extremely helpful to be able to talk to you after class about the independent project, but there is not enough time for all students to be able to meet up with you after class hours, so devoting a class to just open discussion and google searching for independent topics would be a great solution!
- Spread out the projects more evenly.
- The material that Phil presented was not the most interesting or the most useful in my opinion.
- It gets really difficult to focus on the current material when were working on assignments from previous materials.
- My biggest issue was that there was not enough time for the last two projects. The due dates were so close together that we had to work on both at once. That, along with everything other class piling on the work in week 8 and 9, made it so that neither of those projects were to their full potential. Also, the papers had to be in IEEE format, but we have never done papers in that format before. It would have been nice to go over that a little more, so we wouldn't lose so many points on it.
- Reorganize slides with corrections and in order of instruction.
- I think that the independent project paper selection should have a due date which is a few weeks before the independent project is due, so that students start to look for papers earlier. Also, it would be really helpful if there were some suggestions on papers, or ways to search for papers for the independent project.
- Nothing.
- I think maybe making the independent project due a week earlier might have been a good idea. It would have forced people to work on it earlier and then have more time to solely focus on the compression project.
- Talk about second project earlier, there was a big section from 1st to 2nd where we didn't do anything then at the end of the quarter had a lot of material squeezed in.

- Teach at a different time! :]

13) In what ways did the content of this course build on or integrate material from previous or prerequisite courses in the curriculum? (11/26 Responded)

- This course was an excellent step up from DIP1. It didn't directly build on topics from last year, but it did offer an appropriate step up in difficulty and challenge with everything presented. The transition from a more dependent to a highly independent workspace was a nice shift for the sequence, and both classes offered very different, valuable skills because of that. In the moment, the class feels difficult and has you scurrying around to get things together, but it really did offer a great set of skills to use for future employment and beyond.
- It was a good transition from DIP1 to DIP2.
- Many techniques and methods from DIP 1 were helpful to know for DIP 2's projects.
- This course expanded on what we learned in DIP I. It also, helped with classes we were currently taking.
- I used everything I learned from DIP I in this course, and then some.
- We used quite a few programs/concepts from DIP 1.
- It built nicely on DIP I. Having to follow and write papers seemed like a logical next step.
- This course took topics from previous curriculum and applied it to a programming sense, which is fundamentally important in our field.
- Many ways. It did a great job of using stuff we used from DIP 1 as well as other courses.
- Worked well with DIP I
- Built off of skills in DIP 1

[Show Open-Ended Responses](#)

OCE - COURSE SUMMARY REPORT

Instructor 1: Salvaggio, Carl
Course: 1051-462-01 Digital Image Processing II
Quarter: 20121
Total responses: 16

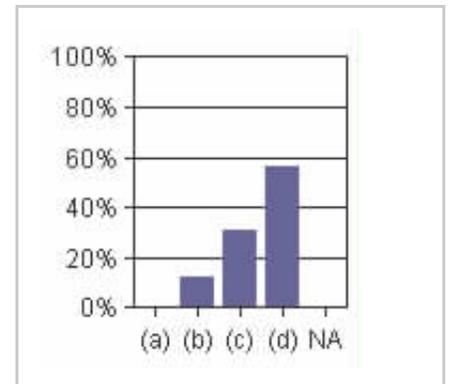
PART 1

Your evaluation of this course is an important means of collecting data for use in improving teaching in the Center for Imaging Science. Please read the questions carefully and answer them honestly. Your thoughtful answers will be valuable to instructors and administrators. This evaluation is completely anonymous. Results will be compiled after grades have been submitted at the end of this quarter.

Section One: Student Data

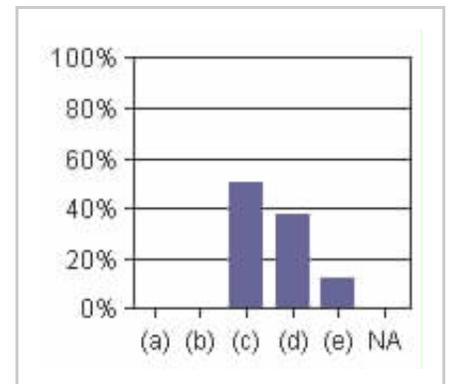
1) Your initial desire to take this course was: (16 answered)

option	text	number	percent
(a)	none at all	0	0.0%
(b)	slight	2	12.5%
(c)	moderate	5	31.3%
(d)	strong	9	56.3%
	Not Answered	0	0.0%



2) For your background and ability, this course was: (16 answered)

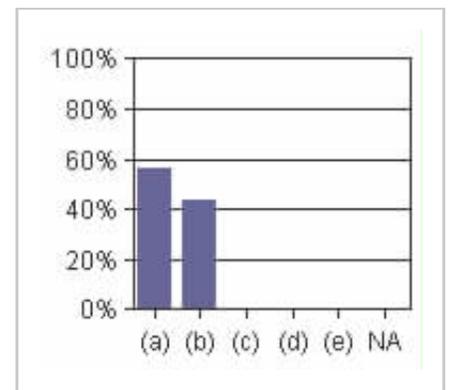
option	text	number	percent
(a)	very elementary	0	0.0%
(b)	somewhat elementary	0	0.0%
(c)	about right	8	50.0%
(d)	somewhat difficult	6	37.5%
(e)	very difficult	2	12.5%
	Not Answered	0	0.0%



3) What grade do you expect to receive in this course? (16 answered)

option	text	number	percent
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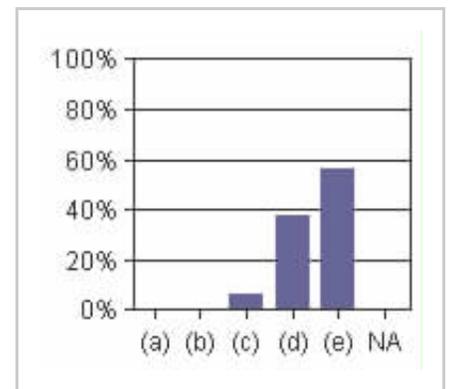
(a)	A	9	56.3%
(b)	B	7	43.8%
(c)	C	0	0.0%
(d)	D	0	0.0%
(e)	F	0	0.0%
	Not Answered	0	0.0%



Section Two: General Questions

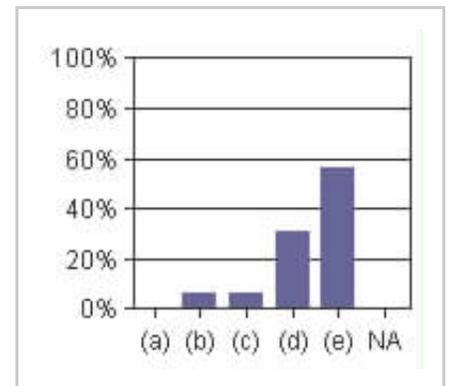
4) How concerned was the instructor that students learn? (16 answered)

option	text	number	percent
(a)	Worst possible rating	0	0.0%
(b)	Below average	0	0.0%
(c)	Average	1	6.3%
(d)	Above average	6	37.5%
(e)	Best possible rating	9	56.3%
	Not Answered	0	0.0%



5) How much did the instructor stimulate your thinking and interest in the subject? (16 answered)

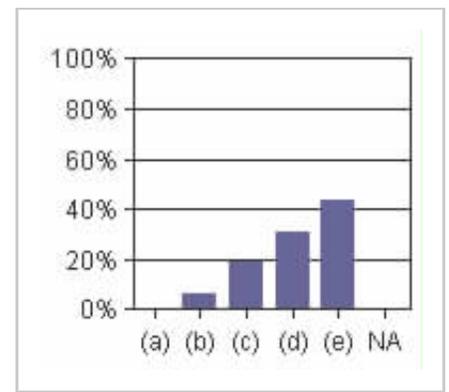
option	text	number	percent
(a)	Worst possible rating	0	0.0%
(b)	Below average	1	6.3%
(c)	Average	1	6.3%
(d)	Above average	5	31.3%
(e)	Best possible rating	9	56.3%
	Not Answered	0	0.0%



6) How effective was the method of presentation of the course material? (16 answered)

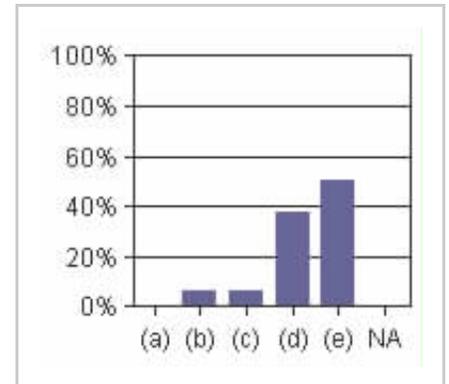
option	text	number	percent
(a)	Worst possible rating	0	0.0%
(b)	Below average	1	6.3%
(c)	Average	3	18.8%

(d)	Above average	5	31.3%
(e)	Best possible rating	7	43.8%
	Not Answered	0	0.0%



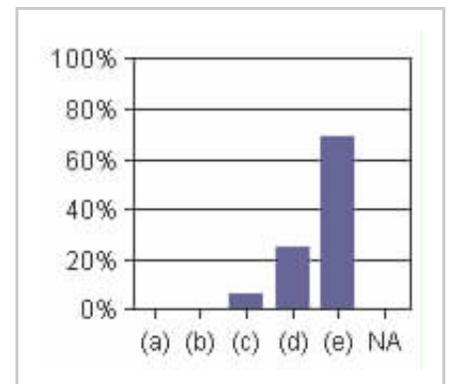
7) What is your overall rating of this course? (16 answered)

option	text	number	percent
(a)	Worst possible rating	0	0.0%
(b)	Below average	1	6.3%
(c)	Average	1	6.3%
(d)	Above average	6	37.5%
(e)	Best possible rating	8	50.0%
	Not Answered	0	0.0%



8) What is your overall rating of this instructor? (16 answered)

option	text	number	percent
(a)	Worst possible rating	0	0.0%
(b)	Below average	0	0.0%
(c)	Average	1	6.3%
(d)	Above average	4	25.0%
(e)	Best possible rating	11	68.8%
	Not Answered	0	0.0%

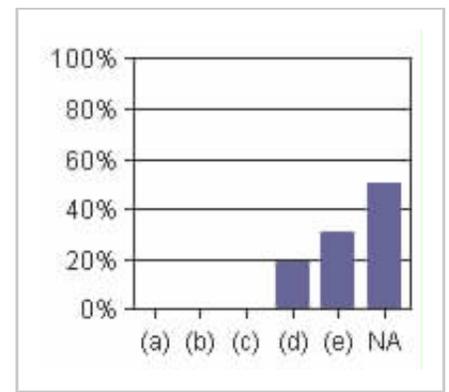


Section Three: Laboratory

9) In general, were the laboratory experiments of value either in developing techniques and experience or in contributing to understanding the subject? (8 answered)

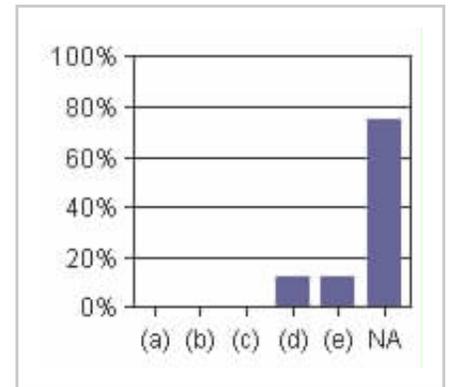
option	text	number	percent
(a)	Of little value.	0	0.0%
(b)	Somewhat valuable.	0	0.0%
(c)	Moderately valuable.	0	0.0%

(d)	Very valuable.	3	18.8%
(e)	Extremely valuable.	5	31.3%
	Not Answered	8	50.0%



10) Concerning the organization of the laboratory, the materials, supplies, and room were usually: (4 answered)

option	text	number	percent
(a)	Extremely disorganized and inadequate.	0	0.0%
(b)	Poorly organized and barely adequate.	0	0.0%
(c)	Moderately organized and adequate.	0	0.0%
(d)	Well organized and more than adequate.	2	12.5%
(e)	Extremely well organized and excellent.	2	12.5%
	Not Answered	12	75.0%



Section Four: Comments

11) Your instructor would like to know what you think s/he has done especially well in teaching this course. (13 answered)

- The presentation of numerous different projects made this course a lot more personalized for each individual student; there was no point at which I felt like I wasn't learning something that I was truly interested in because I chose what I wanted to pursue. Also, though this is kind of a side note, but, I really enjoyed how the topics presented were topics that would be very good resume builders for careers in the future. It's not too often that people can say they developed their own eigen face method, or watermarking scheme, but now the students that took DIP2 can!
- He was very helpful outside of class and made the class fun
- The way the material was presented was very well done. Having a visual representation of what is going on in equations inside of PP slides is always extremely helpful.
- Carl is one of the best professors I have had at this school. His ability to convey information to students is unrivaled in my experience.
- This course was very difficult, but both Carl and Phil were very helpful. They had no problem explaining things two or three times if we needed it. When it appeared we were not understanding a Huffman coding, Carl even let Phil teach his way of doing it. It was really nice to get two perspectives. It was also really nice that we could pick our own groups. A lot of us know who we work well with, and it made the projects go much

smoother, in my opinion.

- Examples in slides and corrections where pertinent were great.
- There were some really good examples and videos explaining things.

The student presentation idea was a great idea. It was very nice to hear

- different projects people were working on. It was nice to work on separate assignments so that we could learn from each other.
- Carl has done an excellent job in teaching the material and keeping the class interested.
- Explaining the real-world status of practices in the industry.

I loved that we had so much freedom to choose what we worked on. I

- got to work on two projects I had wanted to do on my own sometime anyway and so getting them to do them for this class was awesome.
- Nice layout, project progression, and instructing.
- Loved the whole thing.

12) Your instructor would like to know what should be done to improve the teaching of this course. (11 answered)

My only concern about this class is the fact that the independent project really isn't given much discussion time in class before the compression techniques are picked up and starting to be talked about. I don't think it would be nearly as hard to manage the two projects being due at the same time if we were given more time to reflect upon what we actually

- wanted to do for the independent project while in class. I found it was extremely helpful to be able to talk to you after class about the independent project, but there is not enough time for all students to be able to meet up with you after class hours, so devoting a class to just open discussion and google searching for independent topics would be a great solution!
- Spread out the projects more evenly.
- The material that Phil presented was not the most interesting or the most useful in my opinion.
- It gets really difficult to focus on the current material when were working on assignments from previous materials.

My biggest issue was that there was not enough time for the last two projects. The due dates were so close together that we had to work on both at once. That, along with everything other class piling on the work

- in week 8 and 9, made it so that neither of those projects were to their full potential. Also, the papers had to be in IEEE format, but we have never done papers in that format before. It would have been nice to go over that a little more, so we wouldn't lose so many points on it.
- Reorganize slides with corrections and in order of instruction.

I think that the independent project paper selection should have a due date which is a few weeks before the independent project is due, so that

- students start to look for papers earlier. Also, it would be really helpful if there were some suggestions on papers, or ways to search for papers for the independent project.
- Nothing.

- I think maybe making the independent project due a week earlier might have been a good idea. It would have forced people to work on it earlier and then have more time to solely focus on the compression project.
- Talk about second project earlier, there was a big section from 1st to 2nd where we didn't do anything then at the end of the quarter had a lot of material squeezed in.
- Teach at a different time! :]

13) In what ways did the content of this course build on or integrate material from previous or prerequisite courses in the curriculum? (11 answered)

- This course was an excellent step up from DIP1. It didn't directly build on topics from last year, but it did offer an appropriate step up in difficulty and challenge with everything presented. The transition from a more dependent to a highly independent workspace was a nice shift for the sequence, and both classes offered very different, valuable skills because of that. In the moment, the class feels difficult and has you scurrying around to get things together, but it really did offer a great set of skills to use for future employment and beyond.
- It was a good transition from DIP1 to DIP2.
- Many techniques and methods from DIP 1 were helpful to know for DIP 2's projects.
- This course expanded on what we learned in DIP I. It also, helped with classes we were currently taking.
- I used everything I learned from DIP I in this course, and then some.
- We used quite a few programs/concepts from DIP 1.
- It built nicely on DIP I. Having to follow and write papers seemed like a logical next step.
- This course took topics from previous curriculum and applied it to a programming sense, which is fundamentally important in our field.
- Many ways. It did a great job of using stuff we used from DIP 1 as well as other courses.
- Worked well with DIP I
- Built off of skills in DIP 1

How this report works:

[hide this](#)

- this report compares the selected course to other courses that are in the OCE
- to be compared to another course, the courses must use the same template
- only courses offered in the same quarter, and up to 5 years before the selected course are compared

What do the columns mean:

- **Section:** this is the totals for only the selected course (same as "course summary" report)
- **Course:** all courses that match the quarter, college number, department number, and 3 digit course number of the selected course
- **Instructor:** all courses the faculty member has taught using the same template that quarter
- **Department:** all courses that match the quarter, college number, and department number of the selected course
- **College:** all courses that match the quarter, and college number of the selected course
- **Cumulative:** all cumulative results work the same way as the previously listed criteria, except they ignore the quarter criteria

OCE - COURSE DETAIL REPORT

20121 1051-462-01 Digital Image Processing II

Instructor: Salvaggio, Carl

Department Template #206

			20121 Results					Cumulative Results			
order	number	question	section	course	instructor	department	college	course	instructor	department	college
1.	967 MC	Your initial desire to take this course was:									
		number of responses (N)	16	16	16	122	123	64	237	2717	2898
1.		none at all	0 (0.0%)	0 (0.0%)	0 (0.0%)	2 (1.6%)	2 (1.6%)	2 (3.1%)	13 (5.5%)	120 (4.4%)	122 (4.2%)
2.		slight	2 (12.5%)	2 (12.5%)	2 (12.5%)	14 (11.5%)	14 (11.4%)	6 (9.4%)	19 (8.0%)	419 (15.4%)	421 (14.5%)
3.		moderate	5 (31.3%)	5 (31.3%)	5 (31.3%)	40 (32.8%)	41 (33.3%)	20 (31.3%)	77 (32.5%)	1084 (39.9%)	1129 (39.0%)
4.		strong	9 (56.3%)	9 (56.3%)	9 (56.3%)	66 (54.1%)	66 (53.7%)	36 (56.3%)	128 (54.0%)	1094 (40.3%)	1226 (42.3%)
2.	968 MC	For your background and ability, this course was:									
		number of responses (N)	16	16	16	122	123	64	239	2735	2916
1.		very elementary	0 (0.0%)	0 (0.0%)	0 (0.0%)	6 (4.9%)	7 (5.7%)	1 (1.6%)	8 (3.3%)	122 (4.5%)	125 (4.3%)
2.		somewhat elementary	0 (0.0%)	0 (0.0%)	0 (0.0%)	9 (7.4%)	9 (7.3%)	1 (1.6%)	11 (4.6%)	323 (11.8%)	328 (11.2%)
3.		about right	8 (50.0%)	8 (50.0%)	8 (50.0%)	49 (40.2%)	49 (39.8%)	37 (57.8%)	138 (57.7%)	1419 (51.9%)	1529 (52.4%)
4.		somewhat difficult	6 (37.5%)	6 (37.5%)	6 (37.5%)	42 (34.4%)	42 (34.1%)	21 (32.8%)	56 (23.4%)	655 (23.9%)	704 (24.1%)
5.		very difficult	2 (12.5%)	2 (12.5%)	2 (12.5%)	16 (13.1%)	16 (13.0%)	4 (6.3%)	26 (10.9%)	216 (7.9%)	230 (7.9%)
3.	969 MC	What grade do you expect to receive in this course?									
		number of responses (N)	16	16	16	119	120	63	227	2546	2715
1.		A	9 (56.3%)	9 (56.3%)	9 (56.3%)	68 (57.1%)	68 (56.7%)	34 (54.0%)	134 (59.0%)	1382 (54.3%)	1511 (55.7%)
2.		B	7 (43.8%)	7 (43.8%)	7 (43.8%)	39 (32.8%)	39 (32.5%)	26 (41.3%)	73 (32.2%)	925 (36.3%)	962 (35.4%)
3.		C	0 (0.0%)	0 (0.0%)	0 (0.0%)	10 (8.4%)	11 (9.2%)	2 (3.2%)	17 (7.5%)	206 (8.1%)	209 (7.7%)
4.		D	0 (0.0%)	0 (0.0%)	0 (0.0%)	2 (1.7%)	2 (1.7%)	1 (1.6%)	3 (1.3%)	31 (1.2%)	31 (1.1%)
5.		F	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	2 (0.1%)	2 (0.1%)
4.	977 LS	How concerned was the instructor that students learn?									
		number of responses (N)	16	16	16	121	122	64	238	2741	2921
1.		Worst possible rating	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	24 (0.9%)	24 (0.8%)
2.		Below average	0 (0.0%)	0 (0.0%)	0 (0.0%)	6 (5.0%)	6 (4.9%)	0 (0.0%)	1 (0.4%)	104 (3.8%)	110 (3.8%)
3.		Average	1 (6.3%)	1 (6.3%)	1 (6.3%)	20 (16.5%)	20 (16.4%)	4 (6.3%)	15 (6.3%)	518 (18.9%)	538 (18.4%)
4.		Above average	6 (37.5%)	6 (37.5%)	6 (37.5%)	38 (31.4%)	38 (31.1%)	22 (34.4%)	62 (26.1%)	936 (34.1%)	994 (34.0%)
5.		Best possible rating	9 (56.3%)	9 (56.3%)	9 (56.3%)	57 (47.1%)	58 (47.5%)	38 (59.4%)	160 (67.2%)	1159 (42.3%)	1255 (43.0%)
5.	978 LS	How much did the instructor stimulate your thinking and interest in the subject?									
		number of responses (N)	16	16	16	120	121	64	238	2735	2915
1.		Worst possible rating	0 (0.0%)	0 (0.0%)	0 (0.0%)	3 (2.5%)	3 (2.5%)	0 (0.0%)	0 (0.0%)	48 (1.8%)	50 (1.7%)
2.		Below average	1 (6.3%)	1 (6.3%)	1 (6.3%)	20 (16.7%)	20 (16.5%)	2 (3.1%)	8 (3.4%)	230 (8.4%)	236 (8.1%)
3.		Average	1 (6.3%)	1 (6.3%)	1 (6.3%)	19 (15.8%)	19 (15.7%)	5 (7.8%)	20 (8.4%)	572 (20.9%)	605 (20.8%)
4.		Above average	5 (31.3%)	5 (31.3%)	5 (31.3%)	35 (29.2%)	35 (28.9%)	15 (23.4%)	61 (25.6%)	889 (32.5%)	944 (32.4%)

5.	Best possible rating	9 (56.3%)	9 (56.3%)	9 (56.3%)	43 (35.8%)	44 (36.4%)	42 (65.6%)	149 (62.6%)	996 (36.4%)	1080 (37.0%)	
6.	979 LS	How effective was the method of presentation of the course material?									
	number of responses (N)	16	16	16	120	121	64	237	2725	2903	
1.	Worst possible rating	0 (0.0%)	0 (0.0%)	0 (0.0%)	7 (5.8%)	7 (5.8%)	0 (0.0%)	1 (0.4%)	80 (2.9%)	81 (2.8%)	
2.	Below average	1 (6.3%)	1 (6.3%)	1 (6.3%)	21 (17.5%)	21 (17.4%)	2 (3.1%)	9 (3.8%)	344 (12.6%)	356 (12.3%)	
3.	Average	3 (18.8%)	3 (18.8%)	3 (18.8%)	30 (25.0%)	30 (24.8%)	10 (15.6%)	40 (16.9%)	715 (26.2%)	754 (26.0%)	
4.	Above average	5 (31.3%)	5 (31.3%)	5 (31.3%)	34 (28.3%)	35 (28.9%)	24 (37.5%)	82 (34.6%)	789 (29.0%)	840 (28.9%)	
5.	Best possible rating	7 (43.8%)	7 (43.8%)	7 (43.8%)	28 (23.3%)	28 (23.1%)	28 (43.8%)	105 (44.3%)	797 (29.2%)	872 (30.0%)	
7.	980 LS	What is your overall rating of this course?									
	number of responses (N)	16	16	16	122	123	64	237	2742	2922	
1.	Worst possible rating	0 (0.0%)	0 (0.0%)	0 (0.0%)	3 (2.5%)	3 (2.4%)	1 (1.6%)	2 (0.8%)	53 (1.9%)	53 (1.8%)	
2.	Below average	1 (6.3%)	1 (6.3%)	1 (6.3%)	14 (11.5%)	14 (11.4%)	1 (1.6%)	5 (2.1%)	214 (7.8%)	222 (7.6%)	
3.	Average	1 (6.3%)	1 (6.3%)	1 (6.3%)	33 (27.0%)	33 (26.8%)	7 (10.9%)	29 (12.2%)	702 (25.6%)	730 (25.0%)	
4.	Above average	6 (37.5%)	6 (37.5%)	6 (37.5%)	38 (31.1%)	38 (30.9%)	23 (35.9%)	86 (36.3%)	926 (33.8%)	990 (33.9%)	
5.	Best possible rating	8 (50.0%)	8 (50.0%)	8 (50.0%)	34 (27.9%)	35 (28.5%)	32 (50.0%)	115 (48.5%)	847 (30.9%)	927 (31.7%)	
8.	981 LS	What is your overall rating of this instructor?									
	number of responses (N)	16	16	16	121	122	64	236	2732	2912	
1.	Worst possible rating	0 (0.0%)	0 (0.0%)	0 (0.0%)	4 (3.3%)	4 (3.3%)	0 (0.0%)	0 (0.0%)	44 (1.6%)	44 (1.5%)	
2.	Below average	0 (0.0%)	0 (0.0%)	0 (0.0%)	14 (11.6%)	14 (11.5%)	0 (0.0%)	3 (1.3%)	155 (5.7%)	163 (5.6%)	
3.	Average	1 (6.3%)	1 (6.3%)	1 (6.3%)	21 (17.4%)	21 (17.2%)	6 (9.4%)	16 (6.8%)	517 (18.9%)	537 (18.4%)	
4.	Above average	4 (25.0%)	4 (25.0%)	4 (25.0%)	30 (24.8%)	30 (24.6%)	10 (15.6%)	49 (20.8%)	834 (30.5%)	890 (30.6%)	
5.	Best possible rating	11 (68.8%)	11 (68.8%)	11 (68.8%)	52 (43.0%)	53 (43.4%)	48 (75.0%)	168 (71.2%)	1182 (43.3%)	1278 (43.9%)	
9.	984 LS	In general, were the laboratory experiments of value either in developing techniques and experience or in contributing to understanding the subject?									
	number of responses (N)	8	8	8	85	86	22	131	1798	1902	
1.	Of little value.	0 (0.0%)	0 (0.0%)	0 (0.0%)	5 (5.9%)	5 (5.8%)	0 (0.0%)	1 (0.8%)	82 (4.6%)	83 (4.4%)	
2.	Somewhat valuable.	0 (0.0%)	0 (0.0%)	0 (0.0%)	8 (9.4%)	8 (9.3%)	1 (4.5%)	6 (4.6%)	200 (11.1%)	200 (10.5%)	
3.	Moderately valuable.	0 (0.0%)	0 (0.0%)	0 (0.0%)	17 (20.0%)	17 (19.8%)	2 (9.1%)	13 (9.9%)	432 (24.0%)	440 (23.1%)	
4.	Very valuable.	3 (37.5%)	3 (37.5%)	3 (37.5%)	27 (31.8%)	28 (32.6%)	6 (27.3%)	43 (32.8%)	570 (31.7%)	606 (31.9%)	
5.	Extremely valuable.	5 (62.5%)	5 (62.5%)	5 (62.5%)	28 (32.9%)	28 (32.6%)	13 (59.1%)	68 (51.9%)	514 (28.6%)	573 (30.1%)	
10.	986 LS	Concerning the organization of the laboratory, the materials, supplies, and room were usually:									
	number of responses (N)	4	4	4	70	70	14	102	1675	1785	
1.	Extremely disorganized and inadequate.	0 (0.0%)	0 (0.0%)	0 (0.0%)	1 (1.4%)	1 (1.4%)	0 (0.0%)	0 (0.0%)	21 (1.3%)	21 (1.2%)	
2.	Poorly organized and barely adequate.	0 (0.0%)	0 (0.0%)	0 (0.0%)	4 (5.7%)	4 (5.7%)	0 (0.0%)	1 (1.0%)	95 (5.7%)	99 (5.5%)	
3.	Moderately organized and adequate.	0 (0.0%)	0 (0.0%)	0 (0.0%)	11 (15.7%)	11 (15.7%)	2 (14.3%)	17 (16.7%)	467 (27.9%)	485 (27.2%)	
4.	Well organized and more than adequate.	2 (50.0%)	2 (50.0%)	2 (50.0%)	24 (34.3%)	24 (34.3%)	5 (35.7%)	35 (34.3%)	624 (37.3%)	661 (37.0%)	
5.	Extremely well organized and excellent.	2 (50.0%)	2 (50.0%)	2 (50.0%)	30 (42.9%)	30 (42.9%)	7 (50.0%)	49 (48.0%)	468 (27.9%)	519 (29.1%)	
Responses to open-ended questions											
11.	975 OE	Your instructor would like to know what you think s/he has done especially well in teaching this course.									
<p>Explaining the real-world status of practices in the industry.</p> <p>The presentation of numerous different projects made this course a lot more personalized for each individual student; there was no point at which I felt like I wasn't learning something that I was truly interested in because I chose what I wanted to pursue. Also, though this is kind of a side note, but, I really enjoyed how the topics presented were topics that would be very good resume builders for careers in the future. It's not too often that people can say they developed their own eigen face method, or watermarking scheme, but now the students that took DIP2 can!</p> <p>Carl is one of the best professors I have had at this school. His ability to convey information to students is unrivaled in my experience.</p> <p>Examples in slides and corrections where pertinent were great.</p> <p>I loved that we had so much freedom to choose what we worked on. I got to work on two projects I had wanted to do on my own sometime anyway and so getting them to do them for this class was awesome.</p> <p>The way the material was presented was very well done. Having a visual representation of what is going on in equations inside of PP slides is always extremely helpful.</p> <p>He was very helpful outside of class and made the class fun</p>											

The student presentation idea was a great idea. It was very nice to hear different projects people were working on. It was nice to work on separate assignments so that we could learn from each other.

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Carl has done an excellent job in teaching the material and keeping the class interested.

Nice layout, project progression, and instructing.

This course was very difficult, but both Carl and Phil were very helpful. They had no problem explaining things two or three times if we needed it. When it appeared we were not understanding a Huffman coding, Carl even let Phil teach his way of doing it. It was really nice to get two perspectives. It was also really nice that we could pick our own groups. A lot of us know who we work well with, and it made the projects go much smoother, in my opinion.

There were some really good examples and videos explaining things.

12. 976 OE Your instructor would like to know what should be done to improve the teaching of this course.

My only concern about this class is the fact that the independent project really isn't given much discussion time in class before the compression techniques are picked up and starting to be talked about. I don't think it would be nearly as hard to manage the two projects being due at the same time if we were given more time to reflect upon what we actually wanted to do for the independent project while in class. I found it was extremely helpful to be able to talk to you after class about the independent project, but there is not enough time for all students to be able to meet up with you after class hours, so devoting a class to just open discussion and google searching for independent topics would be a great solution!

Reorganize slides with corrections and in order of instruction.

I think maybe making the independent project due a week earlier might have been a good idea. It would have forced people to work on it earlier and then have more time to solely focus on the compression project.

It gets really difficult to focus on the current material when were working on assignments from previous materials.

The material that Phil presented was not the most interesting or the most useful in my opinion.

Spread out the projects more evenly.

Teach at a different time! :]

Nothing.

Talk about second project earlier, there was a big section from 1st to 2nd where we didn't do anything then at the end of the quarter had a lot of material squeezed in.

My biggest issue was that there was not enough time for the last two projects. The due dates were so close together that we had to work on both at once. That, along with everything other class piling on the work in week 8 and 9, made it so that neither of those projects were to their full potential. Also, the papers had to be in IEEE format, but we have never done papers in that format before. It would have been nice to go over that a little more, so we wouldn't lose so many points on it.

I think that the independent project paper selection should have a due date which is a few weeks before the independent project is due, so that students start to look for papers earlier. Also, it would be really helpful if there were some suggestions on papers, or ways to search for papers for the independent project.

13. 1611 OE In what ways did the content of this course build on or integrate material from previous or prerequisite courses in the curriculum?

Many techniques and methods from DIP 1 were helpful to know for DIP 2's projects.

This course was an excellent step up from DIP1. It didn't directly build on topics from last year, but it did offer an appropriate step up in difficulty and challenge with everything presented. The transition from a more dependent to a highly independent workspace was a nice shift for the sequence, and both classes offered very different, valuable skills because of that. In the moment, the class feels difficult and has you scurrying around to get things together, but it really did offer a great set of skills to use for future employment and beyond.

I used everything I learned from DIP I in this course, and then some.

Many ways. It did a great job of using stuff we used from DIP 1 as well as other courses.

It was a good transition from DIP1 to DIP2.

It built nicely on DIP I. Having to follow and write papers seemed like a logical next step.

Built off of skills in DIP 1

This course took topics from previous curriculum and applied it to a programming sense, which is fundamentally important in our field.

Worked well with DIP I

This course expanded on what we learned in DIP I. It also, helped with classes we were currently taking.

We used quite a few programs/concepts from DIP 1.

There were: 17 possible respondents.

Question Text	N	Top Two	Avg	SD	IMGS Avg	IMGS SD	Col Avg	Col SD	Uni Avg	Uni SD	No	Yes					
1 Regularly attended class	5	100%	1	0	1.0	0.0	1.0	0.1	1.0	0.1	0%	100%					
											Str Disagr	Disagree	Neutral	Agree	Str Agree		
2 Enhanced interest (Salvaggio)	5	100%	4	0	4.0	0.7	3.7	0.6	4.0	0.6	0%	0%	0%	100%	0%		
3 Material presented in organized manner (Salvaggio)	5	80%	4.6	0.9	3.8	0.9	4.1	0.6	4.1	0.5	0%	0%	20%	0%	80%		
4 Clear communication (Salvaggio)	5	100%	4.4	0.5	3.8	0.8	3.9	0.6	4.1	0.6	0%	0%	0%	60%	40%		
5 Positive learning environment (Salvaggio)	5	100%	4.8	0.4	4.1	0.7	4.1	0.5	4.2	0.5	0%	0%	0%	20%	80%		
6 Helpful feedback provided. (Salvaggio)	5	80%	3.8	0.4	3.9	0.9	3.8	0.6	4.0	0.6	0%	0%	20%	80%	0%		
7 Supported my progress (Salvaggio)	5	100%	4.2	0.4	4.1	0.6	4.0	0.5	4.1	0.5	0%	0%	0%	80%	20%		
8 Effective teacher (Salvaggio)	5	100%	4.6	0.5	4.0	0.7	4.0	0.6	4.1	0.6	0%	0%	0%	40%	60%		
											1	2-3	4-7	8-15	16-31	32+	
Emails received	5	0%		0							0%	0%	0%	20%	40%	40%	
											1-3	4-6	7-9	10-12			
Classes this semester	5	0%		0							0%	80%	20%	0%			
											V Discrim	Discrim	Avg	N Discrim	Not At All D		
Discriminate by semester	5	0%		0							20%	0%	20%	40%	20%		
											V Easy	Easy Grader	Avg	Hard Grader	V Hard Grader		
Rating tendency - this semester	5	0%		0							0%	20%	40%	20%	20%		
											0	1-2	3-5	6+			
Evaluations completed	5	0%		0							0%	0%	20%	80%			
											0	25	50	75	100		
Evaluations completed %	5	0%		0							0%	0%	0%	0%	100%		
											Shibboleth	Email	Use Class SSO	Unknown	SSO		
Login method	5	0%		0							0%	0%	0%	100%	0%		
											No	Yes					
Future classes	5	0%		0							100%	0%					
											American Indian/Alas	Asian	Black/African Americ	Hawaiian/Pacific Isl	Multiple	Unknown	White
Student race	5	0%		0							0%	0%	0%	0%	20%	0%	80%
											F	M					
Student gender	5	0%		0							20%	80%					
											0						
High school credits	5	0%		0							100%						
											V Discrim	Discrim	Avg	N Discrim	Not At All D		
Discriminate overall	5	0%		0							20%	0%	40%	20%	20%		
											V Easy	Easy Grader	Avg	Hard Grader	V Hard Grader		
Rating tendency - overall	5	0%		0							0%	0%	60%	20%	20%		
											1-3	4-6	7-9	10-12			
Classes this semester	5	0%		0							0%	0%	0%	0%			

Instructor	Text Responses
	Question: Comments
Salvaggio	Carl was enthusiastic about all of the material he presented and was knowledgeable about the subject matter.
Salvaggio	Made coding interesting and outlined the theory behind the code well.
Salvaggio	Helped outside of class. Explained things thoroughly.
Salvaggio	Carl Salvaggio is very friendly supportive and knows what he's talking about. He's a smart guy and will give you advice on whatever you doing.

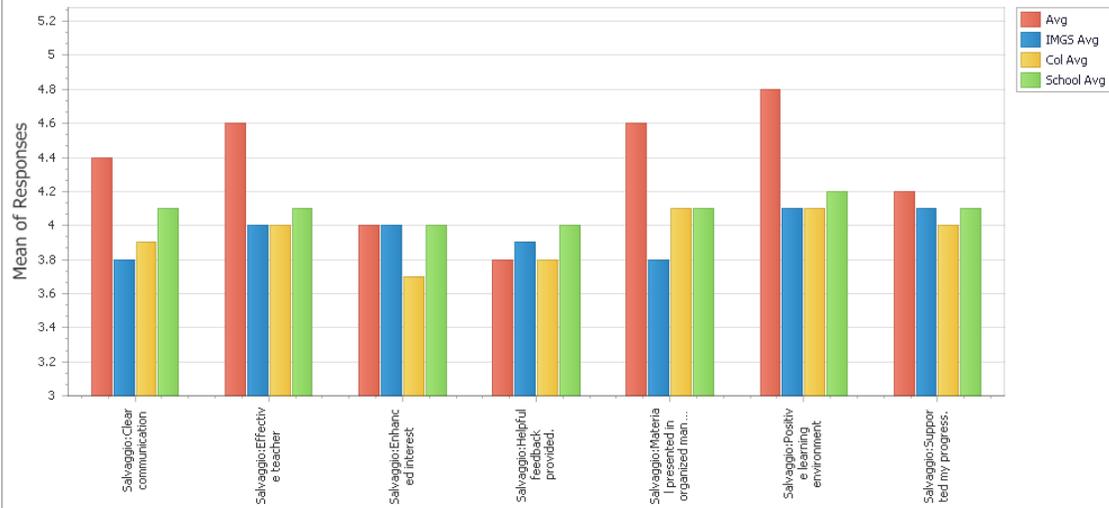
Salvaggio	enthusiastic! helped explain things in normal speak and not just ramble in computer lingo.
	Question: Improvement
Salvaggio	Was rather busy, so was hard to find if help was needed.
Salvaggio	most of the material taught in class was unnecessary to do the projects.

Custom Report for Carl Salvaggio Teaching IMGS 362 UGRD Image Proc & Comp Vision II LEC
MAI sec: 1 2013 Spring

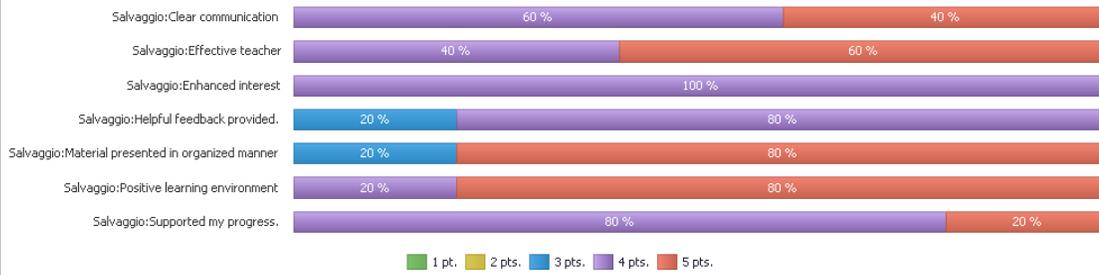
There were: 17 possible respondents.

Question Text	N	My Avg	SD	IMGS Avg	Col Avg	Uni Avg	No	Yes								
1 Regularly attended class	5	1	0	1.0	1.0	1.0	0%	100%								
							Str Disagr	Disagree	Neutral	Agree	Str Agree					
2 Enhanced interest (Salvaggio)	5	4	0	4.0	3.7	4.0	0%	0%	0%	100%	0%					
3 Material presented in organized manner (Salvaggio)	5	4.6	0.9	3.8	4.1	4.1	0%	0%	20%	0%	80%					
4 Clear communication (Salvaggio)	5	4.4	0.5	3.8	3.9	4.1	0%	0%	0%	60%	40%					
5 Positive learning environment (Salvaggio)	5	4.8	0.4	4.1	4.1	4.2	0%	0%	0%	20%	80%					
6 Helpful feedback provided. (Salvaggio)	5	3.8	0.4	3.9	3.8	4.0	0%	0%	20%	80%	0%					
7 Supported my progress (Salvaggio)	5	4.2	0.4	4.1	4.0	4.1	0%	0%	0%	80%	20%					
8 Effective teacher (Salvaggio)	5	4.6	0.5	4.0	4.0	4.1	0%	0%	0%	40%	60%					
							1	2-3	4-7	8-15	16-31	32+				
Emails received	5		0				0%	0%	0%	20%	40%	40%				
							1-3	4-6	7-9	10-12						
Classes this semester	5		0				0%	80%	20%	0%						
							V Discrim	Discrim	Avg	N Discrim	Not At All D					
Discriminate by semester	5		0				20%	0%	20%	40%	20%					
							V Easy	Easy Grader	Avg	Hard Grader	V Hard Grader					
Rating tendency - this semester	5		0				0%	20%	40%	20%	20%					
							0	1-2	3-5	6+						
Evaluations completed	5		0				0%	0%	20%	80%						
							0	25	50	75	100					
Evaluations completed %	5		0				0%	0%	0%	0%	100%					
							Shibboleth	Email	Use Class SSO	Unknown	SSO					
Login method	5		0				0%	0%	0%	100%	0%					
							No	Yes								
Future classes	5		0				100%	0%								
							American Indian/Alas	Asian	Black/African Americ	Hawaiian/Pacific Isl	Multiple	Unknown	White			
Student race	5		0				0%	0%	0%	0%	20%	0%	80%			
							F	M								
Student gender	5		0				20%	80%								
							0									
High school credits	5		0				100%									
							V Discrim	Discrim	Avg	N Discrim	Not At All D					
Discriminate overall	5		0				20%	0%	40%	20%	20%					
							V Easy	Easy Grader	Avg	Hard Grader	V Hard Grader					
Rating tendency - overall	5		0				0%	0%	60%	20%	20%					
							1-3	4-6	7-9	10-12						
Classes this semester	5		0				0%	0%	0%	0%						

Question Averages



Custom Report for Carl Salvaggio Teaching IMGS 362 UGRD Image Proc & Comp Vision II LEC MAI sec: 1 2013 Spring



Change columns

Text Responses	
Question: Comments	
	Carl was enthusiastic about all of the material he presented and was knowledgeable about the subject matter.
	Made coding interesting and outlined the theory behind the code well.
	Helped outside of class. Explained things thoroughly.
	Carl Salvaggio is very friendly supportive and knows what he's talking about. He's a smart guy and will give you advice on whatever you doing.
	enthusiastic! helped explain things in normal speak and not just ramble in computer lingo.
Question: Improvement	
	Was rather busy, so was hard to find if help was needed.
	most of the material taught in class was unnecessary to do the projects.

Commonly Occurring Words and Phrases from Your Students' Comments

**Percentile Rank Analysis for Carl Salvaggio Teaching IMGS
362 UGRD Image Proc & Comp Vision II LEC MAI sec: 1 2013
Spring**

[see video](#)

There were: 17 possible respondents.
Your average score compared to 18485 other class averages.

Question Text	N	Above Average		Average		Below Average	
		100%	70%	69%	30%	29%	1%
1 Regularly attended class	5	-1	-----	-----	-----	-----	-----
2 Enhanced interest (Salvaggio)	5			-----	4-		
3 Material presented in organized manner (Salvaggio)	5	-----	4.6	-----	-----	-----	-----
4 Clear communication (Salvaggio)	5	-----	-----	4.4	-----	-----	-----
5 Positive learning environment (Salvaggio)	5	-4.8	-----	-----	-----	-----	-----
6 Helpful feedback provided. (Salvaggio)	5			-----	-----	-----	3.8
7 Supported my progress (Salvaggio)	5	-----	-----	-----	4.2	-----	-----
8 Effective teacher (Salvaggio)	5	-----	-----	4.6	-----	-----	-----
11 COS - Fair evaluation of work (Salvaggio)	5	-----	-----	-----	4.4	-----	-----
12 COS - Consistent evaluation of work (Salvaggio)	5	-----	-----	-----	-----	-----	4.2
13 COS - Timely evaluation of work (Salvaggio)	5	-----	-----	-----	-----	4.2	-----
14 COS - Availability outside of class (Salvaggio)	5			-----	-----	-----	-----
15 COS - Helpful outside of class (Salvaggio)	5	-----	4.6	-----	-----	-----	-----

Single answer questions		Answers
I attended this class regularly.		Yes
The instructor enhanced my interest in this subject. (Salvaggio)		Agree
The instructor presented the course material in an organized manner. (Salvaggio)		Strongly Agree
The instructor communicated the course material clearly. (Salvaggio)		Strongly Agree
The instructor established a positive learning environment. (Salvaggio)		Strongly Agree
The instructor provided helpful feedback about my work in this course. (Salvaggio)		Agree
The instructor supported my progress towards achieving the course objectives. (Salvaggio)		Agree
Overall, this instructor was an effective teacher. (Salvaggio)		Strongly Agree
The instructor in this course evaluated my work projects, quizzes, tests, homework, lab reports, etc. in a fair manner. (Salvaggio)		Agree
The instructor in this course evaluated my work projects, quizzes, tests, homework, lab reports, etc. in a consistent manner. (Salvaggio)		Agree
The instructor in this course evaluated my work projects, quizzes, tests, homework, lab reports, etc. in a timely manner. (Salvaggio)		Agree
The instructor for this course was readily available outside of class for help. (Salvaggio)		Agree
The help provided by this instructor outside of the regular class time was helpful. (Salvaggio)		Strongly Agree
Multiple choice questions		Answers
How many classes did you take this semester?		4-6
Text response questions		Answers
What did this instructor do well? (Salvaggio)		Helped outside of class. Explained things thoroughly.

Single answer questions		Answers
I attended this class regularly.		Yes
The instructor enhanced my interest in this subject. (Salvaggio)		Agree
The instructor presented the course material in an organized manner. (Salvaggio)		Strongly Agree
The instructor communicated the course material clearly. (Salvaggio)		Agree
The instructor established a positive learning environment. (Salvaggio)		Agree
The instructor provided helpful feedback about my work in this course. (Salvaggio)		Agree
The instructor supported my progress towards achieving the course objectives. (Salvaggio)		Agree
Overall, this instructor was an effective teacher. (Salvaggio)		Agree
The instructor in this course evaluated my work projects, quizzes, tests, homework, lab reports, etc. in a fair manner. (Salvaggio)		Strongly Agree
The instructor in this course evaluated my work projects, quizzes, tests, homework, lab reports, etc. in a consistent manner. (Salvaggio)		Agree
The instructor in this course evaluated my work projects, quizzes, tests, homework, lab reports, etc. in a timely manner. (Salvaggio)		Agree
The instructor for this course was readily available outside of class for help. (Salvaggio)		Agree
The help provided by this instructor outside of the regular class time was helpful. (Salvaggio)		Strongly Agree
Multiple choice questions		Answers
How many classes did you take this semester?		7-9
Text response questions	Answers	
What did this instructor do well? (Salvaggio)	Carl was enthusiastic about all of the material he presented and was knowledgeable about the subject matter.	

Single answer questions		Answers
I attended this class regularly.		Yes
The instructor enhanced my interest in this subject. (Salvaggio)		Agree
The instructor presented the course material in an organized manner. (Salvaggio)		Strongly Agree
The instructor communicated the course material clearly. (Salvaggio)		Agree
The instructor established a positive learning environment. (Salvaggio)		Strongly Agree
The instructor provided helpful feedback about my work in this course. (Salvaggio)		Neutral
The instructor supported my progress towards achieving the course objectives. (Salvaggio)		Agree
Overall, this instructor was an effective teacher. (Salvaggio)		Strongly Agree
The instructor in this course evaluated my work projects, quizzes, tests, homework, lab reports, etc. in a fair manner. (Salvaggio)		Agree
The instructor in this course evaluated my work projects, quizzes, tests, homework, lab reports, etc. in a consistent manner. (Salvaggio)		Agree
The instructor in this course evaluated my work projects, quizzes, tests, homework, lab reports, etc. in a timely manner. (Salvaggio)		Agree
The instructor for this course was readily available outside of class for help. (Salvaggio)		Neutral
The help provided by this instructor outside of the regular class time was helpful. (Salvaggio)		Agree
Multiple choice questions		Answers
How many classes did you take this semester?		4-6
Text response questions	Answers	
What did this instructor do well? (Salvaggio)	Carl Salvaggio is very friendly supportive and knows what he's talking about. He's a smart guy and will give you advice on whatever you doing.	

Single answer questions		Answers
I attended this class regularly.		Yes
The instructor enhanced my interest in this subject. (Salvaggio)		Agree
The instructor presented the course material in an organized manner. (Salvaggio)		Neutral
The instructor communicated the course material clearly. (Salvaggio)		Agree
The instructor established a positive learning environment. (Salvaggio)		Strongly Agree
The instructor provided helpful feedback about my work in this course. (Salvaggio)		Agree
The instructor supported my progress towards achieving the course objectives. (Salvaggio)		Agree
Overall, this instructor was an effective teacher. (Salvaggio)		Agree
The instructor in this course evaluated my work projects, quizzes, tests, homework, lab reports, etc. in a fair manner. (Salvaggio)		Agree
The instructor in this course evaluated my work projects, quizzes, tests, homework, lab reports, etc. in a consistent manner. (Salvaggio)		Agree
The instructor in this course evaluated my work projects, quizzes, tests, homework, lab reports, etc. in a timely manner. (Salvaggio)		Agree
The instructor for this course was readily available outside of class for help. (Salvaggio)		Disagree
The help provided by this instructor outside of the regular class time was helpful. (Salvaggio)		Agree
Multiple choice questions		Answers
How many classes did you take this semester?		4-6
Text response questions		Answers
What did this instructor do well? (Salvaggio)		enthusiastic! helped explain things in normal speak and not just ramble in computer lingo.
How can this instructor improve? (Salvaggio)		most of the material taught in class was unnecessary to do the projects.

Single answer questions		Answers
I attended this class regularly.		Yes
The instructor enhanced my interest in this subject. (Salvaggio)		Agree
The instructor presented the course material in an organized manner. (Salvaggio)		Strongly Agree
The instructor communicated the course material clearly. (Salvaggio)		Strongly Agree
The instructor established a positive learning environment. (Salvaggio)		Strongly Agree
The instructor provided helpful feedback about my work in this course. (Salvaggio)		Agree
The instructor supported my progress towards achieving the course objectives. (Salvaggio)		Strongly Agree
Overall, this instructor was an effective teacher. (Salvaggio)		Strongly Agree
The instructor in this course evaluated my work projects, quizzes, tests, homework, lab reports, etc. in a fair manner. (Salvaggio)		Strongly Agree
The instructor in this course evaluated my work projects, quizzes, tests, homework, lab reports, etc. in a consistent manner. (Salvaggio)		Strongly Agree
The instructor in this course evaluated my work projects, quizzes, tests, homework, lab reports, etc. in a timely manner. (Salvaggio)		Strongly Agree
The instructor for this course was readily available outside of class for help. (Salvaggio)		Neutral
The help provided by this instructor outside of the regular class time was helpful. (Salvaggio)		Strongly Agree
Multiple choice questions		Answers
How many classes did you take this semester?		4-6
Text response questions		Answers
What did this instructor do well? (Salvaggio)		Made coding interesting and outlined the theory behind the code well.
How can this instructor improve? (Salvaggio)		Was rather busy, so was hard to find if help was needed.

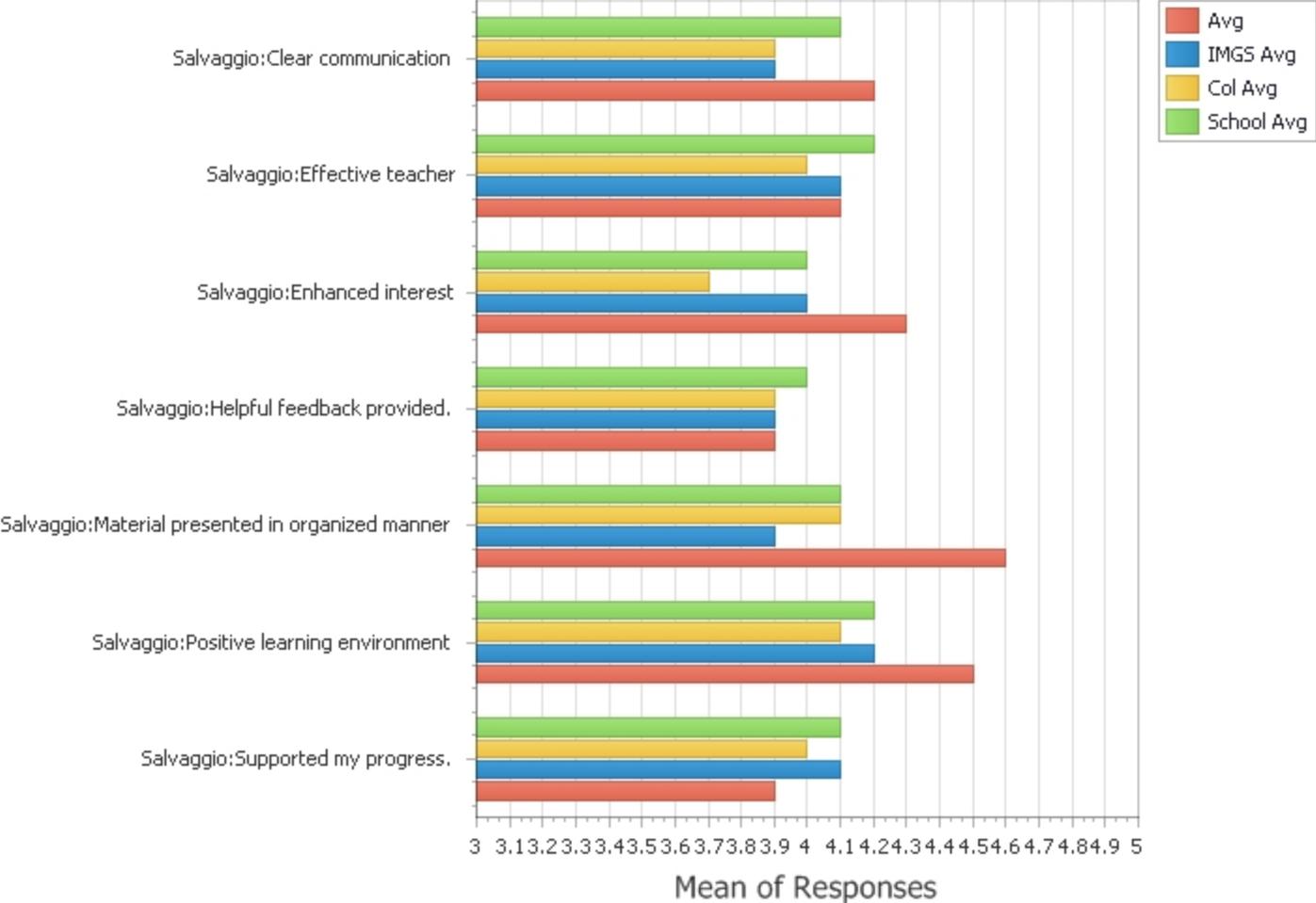
There were: 27 possible respondents.

	Question Text	N	Top Two	Avg	SD	IMGS Avg	IMGS SD	Col Avg	Col SD	Uni Avg	Uni SD	No	Yes			
1	Regularly attended class	10	100%	1	0	1.0	0.2	1.0	0.2	1.0	0.2	0%	100%			
												Str Disagr	Disagree	Neutral	Agree	Str Agree
6	Enhanced interest (Salvaggio)	10	90%	4.3	0.7	4.0	1.0	3.7	1.1	4.0	1.1	0%	0%	10%	50%	40%
7	Material presented in organized manner (Salvaggio)	9	100%	4.6	0.5	3.9	1.1	4.1	1.0	4.1	1.0	0%	0%	0%	44%	56%
8	Clear communication (Salvaggio)	10	90%	4.2	1.2	3.9	1.1	3.9	1.1	4.1	1.0	10%	0%	0%	40%	50%
9	Positive learning environment (Salvaggio)	10	100%	4.5	0.5	4.2	0.9	4.1	1.0	4.2	0.9	0%	0%	0%	50%	50%
10	Helpful feedback provided. (Salvaggio)	10	70%	3.9	1	3.9	1.1	3.9	1.1	4.0	1.0	0%	10%	20%	40%	30%
11	Supported my progress (Salvaggio)	10	70%	3.9	1	4.1	0.9	4.0	1.0	4.1	1.0	0%	10%	20%	40%	30%
12	Effective teacher (Salvaggio)	10	90%	4.1	1.2	4.1	1.0	4.0	1.1	4.2	1.0	10%	0%	0%	50%	40%

Instructor	Text Responses
	Question: Comments
Salvaggio	He is very knowledgeable and an encouraging teacher.
Salvaggio	Picked Ryan and Emily :) Gave good feedback during presentations. Picked good projects to assign.
Salvaggio	Explain concepts.
Salvaggio	Light-hearted class, very flexible with due dates and considered other class work
Salvaggio	was positive and tried to help
Salvaggio	He clearly knows what he is talking about, and gets excited about image processing which creates a nice learning environment.
Salvaggio	Teaches very clearly, helps a lot outside of class.
Salvaggio	provided a good environment to freely pursue image processing
	Question: Improvement
Salvaggio	He did not provide enough instruction in the course material. We were not programmers and he taught the class as if we were. Did not provide enough help. Did not receive feedback from past projects before submitting the next project.
Salvaggio	Actually randomize team captains or just randomize the entire teams themselves. The way that was handled was needlessly stressful. The due dates for projects got stacked up towards the middle and end of the semester. Push due dates forward for the first projects. CFA didn't need a whole month I think, and a lot of the course directed projects people picked were easy, so they didn't need that long. Independent should be the longest by far.
Salvaggio	I can't think of anything- thanks for being a great teacher!
Salvaggio	extend the instructive parts of programming. as someone that has gone through this without any previous programming knowledge, either a fundamental class or more time spent teaching fundamentals of programming would have made the class feel more tangible in terms of constructing a skill set.
Salvaggio	Since the juniors this year had less processing background (because of the semester conversion), at times material was very confusing. Especially since no one ever taught us the basics of code, even by the end I feel like I should have gotten more out of the course.
Salvaggio	The grades we received this semester seemed very random and the comments on the papers and videos were very opinionated and and did not strike as a very fair assessment. the groups to present second received the test images about 12 hours earlier then the first three groups so there was less time for us to test, not to mention the other groups already had a extra 48 hours and the benefit of seeing the other groups presentations. this was in no way fair. as proven by the final ranking, the three best presentations were the groups who went on the second day. also some groups were shorted one person, which again there was no compensation for. Where this may not effect the final grade, it deeply effected the potential for bonus points. I feel this system needs to be fixed.
	Question: In what ways
	DIP 1!
	Built off DIPSI
	We used knowledge from DIP I.
	This built on programming knowledge from Intro to Computing and Control and IPCV I.
	the course seemed like a continuation of the previous with more options to research and attempt to communicate the process with the class
	It brought together things we've learned (for example, Fourier), but also introduced many new things.
	built on ipcv1
	Heavily relied on DIP 1 material

	Question: Online effectiveness
	Effective
	It wasn't really useful for this course.
	The online recordings are perfect if you miss class or need reinforcement.
	It was very helpful, especially if class was missed or confusing.
	extremely helpful as the time of the class was extremely difficult to make it.
	It was extremely beneficial to be able to review lectures online.
	very helpful
	extremely effective
	Question: How well did CIS courses prepared you
	Fell below expectations. Our class was NOT prepared for this course AT ALL. We needed more basic programming instruction!
	This semester was a good one for courses. I learned a ton this semester.
	This exceeded my expectations- I learned a lot and enjoyed it.
	The courses went pretty much as expected.
	ipcv seems like it will be very useful
	Question: Suggestions for improvement
	REQUIRE COMP SCI I BEFORE THIS CLASS!
	Over half of the course slides are image compression, which we hardly covered. I think more statistical image processing routines would be more useful to learn, like PCA and noise measuring and reduction routines.
	None.
	It seemed like finding appropriately difficult algorithms was hard. often they were either way too difficult to achieve by the due dates. Also some of the comments for videos were hard to incorporate into future videos as they were extremely dependent on each project.

Question Averages



Single answer questions	Answers
I attended this class regularly.	Yes
The instructor enhanced my interest in this subject. (Salvaggio)	Strongly Agree
The instructor presented the course material in an organized manner. (Salvaggio)	Strongly Agree
The instructor communicated the course material clearly. (Salvaggio)	Strongly Agree
The instructor established a positive learning environment. (Salvaggio)	Strongly Agree
The instructor provided helpful feedback about my work in this course. (Salvaggio)	Strongly Agree
The instructor supported my progress towards achieving the course objectives. (Salvaggio)	Strongly Agree
Overall, this instructor was an effective teacher. (Salvaggio)	Strongly Agree
The instructor in this course evaluated my work projects, quizzes, tests, homework, lab reports, etc. in a fair manner. (Salvaggio)	Agree
The instructor in this course evaluated my work projects, quizzes, tests, homework, lab reports, etc. in a consistent manner. (Salvaggio)	Agree
The instructor in this course evaluated my work projects, quizzes, tests, homework, lab reports, etc. in a timely manner. (Salvaggio)	Neutral
The instructor for this course was readily available outside of class for help. (Salvaggio)	Agree
The help provided by this instructor outside of the regular class time was helpful. (Salvaggio)	Strongly Agree

Single answer questions		Answers
I attended this class regularly.		Yes
The instructor enhanced my interest in this subject. (Salvaggio)		Agree
The instructor presented the course material in an organized manner. (Salvaggio)		Agree
The instructor communicated the course material clearly. (Salvaggio)		Agree
The instructor established a positive learning environment. (Salvaggio)		Agree
The instructor provided helpful feedback about my work in this course. (Salvaggio)		Agree
The instructor supported my progress towards achieving the course objectives. (Salvaggio)		Agree
Overall, this instructor was an effective teacher. (Salvaggio)		Agree
The instructor in this course evaluated my work projects, quizzes, tests, homework, lab reports, etc. in a fair manner. (Salvaggio)		Disagree
The instructor in this course evaluated my work projects, quizzes, tests, homework, lab reports, etc. in a consistent manner. (Salvaggio)		Disagree
The instructor in this course evaluated my work projects, quizzes, tests, homework, lab reports, etc. in a timely manner. (Salvaggio)		Disagree
The instructor for this course was readily available outside of class for help. (Salvaggio)		Agree
The help provided by this instructor outside of the regular class time was helpful. (Salvaggio)		Agree
Text response questions	Answers	
In what ways did the content of the CIS courses you took this term build on or integrate material from previous or prerequisite courses?	built on ipcv1	
Please comment on the effectiveness of the online class recording system (if used).	very helpful	
How well did the CIS courses you took this term meet your overall expectations, in terms of your educational and/or research goals?	ipcv seems like it will be very useful	
What did this instructor do well? (Salvaggio)	was positive and tried to help	
How can this instructor improve? (Salvaggio)	The grades we received this semester seemed very random and the comments on the papers and videos were very opinionated and and did not strike as a very fair assessment. the groups to present second received the test images about 12 hours earlier then the first three groups so there was less time for us to test, not to mention the other groups already had a extra 48 hours and the benefit of seeing the other groups presentations. this was in no way fair. as proven by the final ranking, the three best presentations were the groups who went on the second day. also some groups were shorted one person, which again there was no compensation for. Where this may not effect the final grade, it deeply effected the potential for bonus points. I feel this system needs to be fixed.	

Single answer questions	Answers
I attended this class regularly.	Yes
The instructor enhanced my interest in this subject. (Salvaggio)	Agree
The instructor presented the course material in an organized manner. (Salvaggio)	Agree
The instructor communicated the course material clearly. (Salvaggio)	Agree
The instructor established a positive learning environment. (Salvaggio)	Agree
The instructor provided helpful feedback about my work in this course. (Salvaggio)	Agree
The instructor supported my progress towards achieving the course objectives. (Salvaggio)	Neutral
Overall, this instructor was an effective teacher. (Salvaggio)	Strongly Agree
The instructor in this course evaluated my work projects, quizzes, tests, homework, lab reports, etc. in a fair manner. (Salvaggio)	Strongly Agree
The instructor in this course evaluated my work projects, quizzes, tests, homework, lab reports, etc. in a consistent manner. (Salvaggio)	Strongly Agree
The instructor in this course evaluated my work projects, quizzes, tests, homework, lab reports, etc. in a timely manner. (Salvaggio)	Neutral
The instructor for this course was readily available outside of class for help. (Salvaggio)	Disagree
The help provided by this instructor outside of the regular class time was helpful. (Salvaggio)	Agree

Text response questions	Answers
In what ways did the content of the CIS courses you took this term build on or integrate material from previous or prerequisite courses?	We used knowledge from DIP I.
Please comment on the effectiveness of the online class recording system (if used).	The online recordings are perfect if you miss class or need reinforcement.
How well did the CIS courses you took this term meet your overall expectations, in terms of your educational and/or research goals?	This semester was a good one for courses. I learned a ton this semester.
What suggestions do you have regarding course material, lectures, and content? Do you have any suggestions for improvements?	Over half of the course slides are image compression, which we hardly covered. I think more statistical image processing routines would be more useful to learn, like PCA and noise measuring and reduction routines.
What did this instructor do well? (Salvaggio)	Picked Ryan and Emily :) Gave good feedback during presentations. Picked good projects to assign.
How can this instructor improve? (Salvaggio)	Actually randomize team captains or just randomize the entire teams themselves. The way that was handled was needlessly stressful. The due dates for projects got stacked up towards the middle and end of the semester. Push due dates forward for the first projects. CFA didn't need a whole month I think, and a lot of the course directed projects people picked were easy, so they didn't need that long. Independent should be the longest by far.

Single answer questions	Answers
I attended this class regularly.	Yes
The instructor enhanced my interest in this subject. (Salvaggio)	Strongly Agree
The instructor presented the course material in an organized manner. (Salvaggio)	Strongly Agree
The instructor communicated the course material clearly. (Salvaggio)	Strongly Agree
The instructor established a positive learning environment. (Salvaggio)	Strongly Agree
The instructor provided helpful feedback about my work in this course. (Salvaggio)	Strongly Agree
The instructor supported my progress towards achieving the course objectives. (Salvaggio)	Strongly Agree
Overall, this instructor was an effective teacher. (Salvaggio)	Strongly Agree
The instructor in this course evaluated my work projects, quizzes, tests, homework, lab reports, etc. in a fair manner. (Salvaggio)	Strongly Agree
The instructor in this course evaluated my work projects, quizzes, tests, homework, lab reports, etc. in a consistent manner. (Salvaggio)	Strongly Agree
The instructor in this course evaluated my work projects, quizzes, tests, homework, lab reports, etc. in a timely manner. (Salvaggio)	Strongly Agree
The instructor for this course was readily available outside of class for help. (Salvaggio)	Strongly Agree
The help provided by this instructor outside of the regular class time was helpful. (Salvaggio)	Strongly Agree

Single answer questions		Answers
I attended this class regularly.		Yes
The instructor enhanced my interest in this subject. (Salvaggio)		Agree
The instructor presented the course material in an organized manner. (Salvaggio)		Agree
The instructor communicated the course material clearly. (Salvaggio)		Agree
The instructor established a positive learning environment. (Salvaggio)		Agree
The instructor provided helpful feedback about my work in this course. (Salvaggio)		Neutral
The instructor supported my progress towards achieving the course objectives. (Salvaggio)		Agree
Overall, this instructor was an effective teacher. (Salvaggio)		Agree
The instructor in this course evaluated my work projects, quizzes, tests, homework, lab reports, etc. in a fair manner. (Salvaggio)		Agree
The instructor in this course evaluated my work projects, quizzes, tests, homework, lab reports, etc. in a consistent manner. (Salvaggio)		Agree
The instructor in this course evaluated my work projects, quizzes, tests, homework, lab reports, etc. in a timely manner. (Salvaggio)		Neutral
The instructor for this course was readily available outside of class for help. (Salvaggio)		Agree
The help provided by this instructor outside of the regular class time was helpful. (Salvaggio)		Agree
Text response questions	Answers	
In what ways did the content of the CIS courses you took this term build on or integrate material from previous or prerequisite courses?	It brought together things we've learned (for example, Fourier), but also introduced many new things.	
Please comment on the effectiveness of the online class recording system (if used).	It was extremely beneficial to be able to review lectures online.	
How well did the CIS courses you took this term meet your overall expectations, in terms of your educational and/or research goals?	The courses went pretty much as expected.	
What did this instructor do well? (Salvaggio)	He clearly knows what he is talking about, and gets excited about image processing which creates a nice learning environment.	
How can this instructor improve? (Salvaggio)	Since the juniors this year had less processing background (because of the semester conversion), at times material was very confusing. Especially since no one ever taught us the basics of code, even by the end I feel like I should have gotten more out of the course.	

Single answer questions	Answers
I attended this class regularly.	Yes
The instructor enhanced my interest in this subject. (Salvaggio)	Neutral
The instructor presented the course material in an organized manner. (Salvaggio)	Strongly Agree
The instructor communicated the course material clearly. (Salvaggio)	Strongly Agree
The instructor established a positive learning environment. (Salvaggio)	Strongly Agree
The instructor provided helpful feedback about my work in this course. (Salvaggio)	Agree
The instructor supported my progress towards achieving the course objectives. (Salvaggio)	Neutral
Overall, this instructor was an effective teacher. (Salvaggio)	Agree
The instructor in this course evaluated my work projects, quizzes, tests, homework, lab reports, etc. in a fair manner. (Salvaggio)	Agree
The instructor in this course evaluated my work projects, quizzes, tests, homework, lab reports, etc. in a consistent manner. (Salvaggio)	Agree
The instructor in this course evaluated my work projects, quizzes, tests, homework, lab reports, etc. in a timely manner. (Salvaggio)	Neutral
The instructor for this course was readily available outside of class for help. (Salvaggio)	Agree
The help provided by this instructor outside of the regular class time was helpful. (Salvaggio)	Agree
Text response questions	Answers
In what ways did the content of the CIS courses you took this term build on or integrate material from previous or prerequisite courses?	Heavily relied on DIP 1 material
Please comment on the effectiveness of the online class recording system (if used).	extremely effective
What did this instructor do well? (Salvaggio)	Light-hearted class, very flexible with due dates and considered other class work
How can this instructor improve? (Salvaggio)	-

Single answer questions	Answers
I attended this class regularly.	Yes
The instructor enhanced my interest in this subject. (Salvaggio)	Strongly Agree
The instructor presented the course material in an organized manner. (Salvaggio)	Strongly Agree
The instructor communicated the course material clearly. (Salvaggio)	Strongly Agree
The instructor established a positive learning environment. (Salvaggio)	Strongly Agree
The instructor provided helpful feedback about my work in this course. (Salvaggio)	Neutral
The instructor supported my progress towards achieving the course objectives. (Salvaggio)	Agree
Overall, this instructor was an effective teacher. (Salvaggio)	Agree
The instructor in this course evaluated my work projects, quizzes, tests, homework, lab reports, etc. in a fair manner. (Salvaggio)	Strongly Agree
The instructor in this course evaluated my work projects, quizzes, tests, homework, lab reports, etc. in a consistent manner. (Salvaggio)	Agree
The instructor in this course evaluated my work projects, quizzes, tests, homework, lab reports, etc. in a timely manner. (Salvaggio)	Agree
The instructor for this course was readily available outside of class for help. (Salvaggio)	I did not seek help outside of class
The help provided by this instructor outside of the regular class time was helpful. (Salvaggio)	I did not seek help outside of class
Text response questions	Answers
In what ways did the content of the CIS courses you took this term build on or integrate material from previous or prerequisite courses?	the course seemed like a continuation of the previous with more options to research and attempt to communicate the process with the class
Please comment on the effectiveness of the online class recording system (if used).	extremely helpful as the time of the class was extremely difficult to make it.
What suggestions do you have regarding course material, lectures, and content? Do you have any suggestions for improvements?	It seemed like finding appropriately difficult algorithms was hard. often they were either way too difficult to achieve by the due dates. Also some of the comments for videos were hard to incorporate into future videos as they were extremely dependent on each project.
What did this instructor do well? (Salvaggio)	provided a good environment to freely pursue image processing
How can this instructor improve? (Salvaggio)	extend the instructive parts of programming. as someone that has gone through this without any previous programming knowledge, either a fundamental class or more time spent teaching fundamentals of programming would have made the class feel more tangible in terms of constructing a skill set.

Single answer questions	Answers
I attended this class regularly.	Yes
The instructor enhanced my interest in this subject. (Salvaggio)	Agree
The instructor presented the course material in an organized manner. (Salvaggio)	Strongly Agree
The instructor communicated the course material clearly. (Salvaggio)	Strongly Disagree
The instructor established a positive learning environment. (Salvaggio)	Agree
The instructor provided helpful feedback about my work in this course. (Salvaggio)	Disagree
The instructor supported my progress towards achieving the course objectives. (Salvaggio)	Disagree
Overall, this instructor was an effective teacher. (Salvaggio)	Strongly Disagree
The instructor in this course evaluated my work projects, quizzes, tests, homework, lab reports, etc. in a fair manner. (Salvaggio)	Strongly Disagree
The instructor in this course evaluated my work projects, quizzes, tests, homework, lab reports, etc. in a consistent manner. (Salvaggio)	Neutral
The instructor in this course evaluated my work projects, quizzes, tests, homework, lab reports, etc. in a timely manner. (Salvaggio)	Disagree
The instructor for this course was readily available outside of class for help. (Salvaggio)	Disagree
The help provided by this instructor outside of the regular class time was helpful. (Salvaggio)	Strongly Disagree
Text response questions	Answers
In what ways did the content of the CIS courses you took this term build on or integrate material from previous or prerequisite courses?	Built off DIPSI
Please comment on the effectiveness of the online class recording system (if used).	It wasn't really useful for this course.
How well did the CIS courses you took this term meet your overall expectations, in terms of your educational and/or research goals?	Fell below expectations. Our class was NOT prepared for this course AT ALL. We needed more basic programming instruction!
What suggestions do you have regarding course material, lectures, and content? Do you have any suggestions for improvements?	REQUIRE COMP SCI I BEFORE THIS CLASS!
What did this instructor do well? (Salvaggio)	He is very knowledgeable and an encouraging teacher.
How can this instructor improve? (Salvaggio)	He did not provide enough instruction in the course material. We were not programmers and he taught the class as if we were. Did not provide enough help. Did not receive feedback from past projects before submitting the next project.

Single answer questions	Answers
I attended this class regularly.	Yes
The instructor enhanced my interest in this subject. (Salvaggio)	Agree
The instructor presented the course material in an organized manner. (Salvaggio)	Agree
The instructor communicated the course material clearly. (Salvaggio)	Agree
The instructor established a positive learning environment. (Salvaggio)	Agree
The instructor provided helpful feedback about my work in this course. (Salvaggio)	Agree
The instructor supported my progress towards achieving the course objectives. (Salvaggio)	Agree
Overall, this instructor was an effective teacher. (Salvaggio)	Agree
The instructor in this course evaluated my work projects, quizzes, tests, homework, lab reports, etc. in a fair manner. (Salvaggio)	Agree
The instructor in this course evaluated my work projects, quizzes, tests, homework, lab reports, etc. in a consistent manner. (Salvaggio)	Agree
The instructor in this course evaluated my work projects, quizzes, tests, homework, lab reports, etc. in a timely manner. (Salvaggio)	Agree
The instructor for this course was readily available outside of class for help. (Salvaggio)	Agree
The help provided by this instructor outside of the regular class time was helpful. (Salvaggio)	Agree
Text response questions	Answers
In what ways did the content of the CIS courses you took this term build on or integrate material from previous or prerequisite courses?	DIP 1!
Please comment on the effectiveness of the online class recording system (if used).	Effective
What did this instructor do well? (Salvaggio)	Explain concepts.

Single answer questions	Answers
I attended this class regularly.	Yes
The instructor enhanced my interest in this subject. (Salvaggio)	Strongly Agree
The instructor communicated the course material clearly. (Salvaggio)	Strongly Agree
The instructor established a positive learning environment. (Salvaggio)	Strongly Agree
The instructor provided helpful feedback about my work in this course. (Salvaggio)	Strongly Agree
The instructor supported my progress towards achieving the course objectives. (Salvaggio)	Strongly Agree
Overall, this instructor was an effective teacher. (Salvaggio)	Strongly Agree
The instructor in this course evaluated my work projects, quizzes, tests, homework, lab reports, etc. in a fair manner. (Salvaggio)	Strongly Agree
The instructor in this course evaluated my work projects, quizzes, tests, homework, lab reports, etc. in a consistent manner. (Salvaggio)	Strongly Agree
The instructor in this course evaluated my work projects, quizzes, tests, homework, lab reports, etc. in a timely manner. (Salvaggio)	Strongly Agree
The instructor for this course was readily available outside of class for help. (Salvaggio)	Strongly Agree
The help provided by this instructor outside of the regular class time was helpful. (Salvaggio)	Strongly Agree
Text response questions	Answers
In what ways did the content of the CIS courses you took this term build on or integrate material from previous or prerequisite courses?	This built on programming knowledge from Intro to Computing and Control and IPCV I.
Please comment on the effectiveness of the online class recording system (if used).	It was very helpful, especially if class was missed or confusing.
How well did the CIS courses you took this term meet your overall expectations, in terms of your educational and/or research goals?	This exceeded my expectations- I learned a lot and enjoyed it.
What suggestions do you have regarding course material, lectures, and content? Do you have any suggestions for improvements?	None.
What did this instructor do well? (Salvaggio)	Teaches very clearly, helps a lot outside of class.
How can this instructor improve? (Salvaggio)	I can't think of anything- thanks for being a great teacher!

Custom Report for Carl Salvaggio Teaching IMGS 362 UGRD Image Proc & Comp Vision II LEC MAI sec: 1 2015 Spring

There were: 19 possible respondents.

	Question Text	N	Top Two	My Avg	SD	IMGS Avg	IMGS SD	Col Avg	Col SD	Uni Avg	Uni SD	No	Yes					
1	◊ Regularly attended class	11	100%	1	0	0.96	0.20	0.97	0.17	0.97	0.17	0%	100%					
												Str Disagr	Disagree	Neutral	Agree	Str Agree		
10	◊ Enhanced interest (Salvaggio)	11	100%	4.64	0.5	3.98	1.05	3.73	1.12	3.98	1.05	0%	0%	0%	36%	64%		
11	◊ Material presented in organized manner (Salvaggio)	11	100%	4.36	0.5	3.90	1.10	4.06	1.01	4.14	0.97	0%	0%	0%	64%	36%		
12	◊ Clear communication (Salvaggio)	11	91%	4.27	0.65	3.84	1.11	3.92	1.10	4.09	1.01	0%	0%	9%	55%	36%		
13	◊ Positive learning environment (Salvaggio)	11	91%	4.55	0.69	4.15	0.95	4.13	0.96	4.24	0.92	0%	0%	9%	27%	64%		
14	◊ Helpful feedback provided. (Salvaggio)	11	82%	4.18	0.98	3.92	1.05	3.88	1.08	4.04	1.04	0%	9%	9%	36%	45%		
15	◊ Supported my progress (Salvaggio)	11	82%	4.18	0.98	4.09	0.93	4.02	0.98	4.14	0.94	0%	9%	9%	36%	45%		
16	◊ Effective teacher (Salvaggio)	11	91%	4.27	0.9	4.01	1.05	4.01	1.07	4.16	0.99	0%	9%	0%	45%	45%		
19	◊ COS - Fair evaluation of work (Salvaggio)	11	100%	4.45	0.52	4.09	0.91	4.25	0.86	4.25	0.86	0%	0%	0%	55%	45%		
20	◊ COS - Consistent evaluation of work (Salvaggio)	11	82%	4.36	0.81	4.12	0.89	4.30	0.81	4.30	0.81	0%	0%	18%	27%	55%		
21	◊ COS - Timely evaluation of work (Salvaggio)	11	82%	3.82	0.98	3.93	1.06	4.22	0.92	4.22	0.92	0%	18%	0%	64%	18%		
												Str Disagr	Disagree	Neutral	Agree	Str Agree	Did Not Seek	
22	◊ COS - Availability outside of class (Salvaggio)	11	67%	3.89	1.69	4.26	0.93	4.20	1.79	4.20	1.79	9%	18%	0%	0%	55%	18%	
23	◊ COS - Helpful outside of class (Salvaggio)	11	86%	4.43	1.13	4.22	0.96	4.13	1.81	4.13	1.81	0%	9%	0%	9%	45%	36%	
												1-3	4-6	7-9	10-12	16-18		
	◊ Classes this semester	11	0%	0	0	0	0	0	0	0	0	9%	64%	27%	0%	0%		
												V Discrim	Discrim	Avg	N Discrim	Not At		

											V Discrim	Discrim	Avg	N Discrim	All D		
◇ How discriminating the student was this semester	11	0%	0	0	0	0	0	0	0	0	0%	9%	9%	18%	64%		
											V Easy	Easy Grader	Avg	Hard Grader	V Hard Grader		
◇ Rating tendency - this semester	11	0%	0	0	0	0	0	0	0	0	27%	27%	18%	18%	9%		
											0	1-2	3-5	6+			
◇ Evaluations completed	11	0%	0	0	0	0	0	0	0	0	0%	9%	55%	36%			
											0	25	50	75	100		
◇ Evaluations completed %	11	0%	0	0	0	0	0	0	0	0	0%	0%	9%	9%	82%		
											Shibboleth	Email	Use Class SSO	Unknown	SSO		
◇ Login method	11	0%	0	0	0	0	0	0	0	0	91%	0%	0%	0%	9%		
											No	Yes					
◇ Future classes	11	0%	0	0	0	0	0	0	0	0	0%	100%					
											american indian/alas	asian	black/african americ	hawaiian/pacific isl	multiple	unknown	white
◇ Student race	11	0%	0	0	0	0	0	0	0	0	0%	9%	0%	0%	18%	0%	73%
											F	M					
◇ Student gender	11	0%	0	0	0	0	0	0	0	0	45%	55%					
											0						
◇ High school credits	11	0%	0	0	0	0	0	0	0	0	100%						
											V Discrim	Discrim	Avg	N Discrim	Not At All D		
◇ Discriminate overall	11	0%	0	0	0	0	0	0	0	0	18%	0%	36%	27%	18%		
											V Easy	Easy Grader	Avg	Hard Grader	V Hard Grader		
◇ Rating tendency - overall	11	0%	0	0	0	0	0	0	0	0	9%	18%	36%	27%	9%		

There are no Chart of Averages data for the selected columns

There are no Chart of Scores data for the selected columns

 Customize

Text Responses
Question: In what ways
This course built upon its prerequisite.
This course built upon the more basic principles learned in IPCV I and relayed them to more applicable situations.
The improved upon and integrated previously learned topics.
This was the only CIS course I've taken, but it built upon programming concepts, algorithm implementation, and basic imaging concepts. I felt adequately prepared for this course.
The previous python programming classes were necessary to keep up with this class
Built well on DIP 1 with any similar concepts.
Programming and fourier transform.
It contented to teach me more about image processing and continued my education on python along with many other of the imaging science courses.
Dip 1 was needed
Question: Online effectiveness
Matterhorn was really effective.
Matterhorn allowed me to easily review something mentioned in class if I had missed it the first time.
Did not use.
I have only used the online class recording system a handful of times, but when I did, it worked well and was useful.

I have only used the online class recording system a handful of times, but when I did, it worked well and was useful.
Definitely useful to review concepts or if I was forced to miss class
The class used it, but I did not
Great to have it.
It was very helpful! Truly a wonderful resource.
Horrible sound quality and resolution
Question: How well did CIS courses prepared you
This course exceeded my expectations.
I learned a lot in the CIS courses I took, and I finally became somewhat confident in my programming skills.
Exceeded expectations in material learned.
This course exceeded my expectations. I believe I have developed a good foundation in image processing thanks to this course.
This class definitely forwarded my programming experience, plus pushed me to write and present my research, which was skills I've needed to learn
This course exceeded my expectations and increased my confidence in programming
Increase my interest in computer vision and imaging processing.
It met expectation and helped to advance my knowledge
Question: Suggestions for improvement
NA
Labs should be better organized
I think the lectures were presented well and the content was chosen wisely. If I were to change anything, I would shift the schedule up a bit so that the last two projects didn't overlap as much.
Make the first project due a little sooner to allow enough time at the end for the last projects
change nothing
More spaced out TA office hours would be greatly appreciated. Maybe if a survey was sent out at the start of the term in order to find what times work best for the students.
Question: Comments
Carl was great at explaining concepts and providing help and feedback, especially with code.
Besides being a good instructor who's very knowledgeable in his field, he was also very understanding and helpful when it came to adjusting due dates due to complications I experienced during the semester.
Determined project due dates well ahead of time, giving sufficient time to complete the project and ask questions about any problems.
Carl does everything well. I really liked that our group project was updated to something relevant to us and was a lot more fun than a scantron.
responding to emails asking for help
I like his website. He does a good job sharing necessary materials with us in a timely manner.
Everything!
Pretty much everything. He explained complex concepts in terms that made them seem simple and achievable. Genuinely cares for his students and their success.
Carl always created a positive experience for the class, and does an excellent job of reducing complex concepts to the simple steps desired for coding. He has high expectations which pushes us to learn and succeed.
Question: Improvement
NA
The projects could be more evenly spread out, such that the workload isn't as heavily concentrated towards the end of the semester.
The early projects should be due sooner to allow for enough time at the end of the year.
Try and space out the projects a bit more. Frequently the timelines would become compressed. especially at the end of the school year.

Commonly Occurring Words and Phrases from Your Students' Comments

class concepts expectations information project semester

There were: 16 possible respondents.

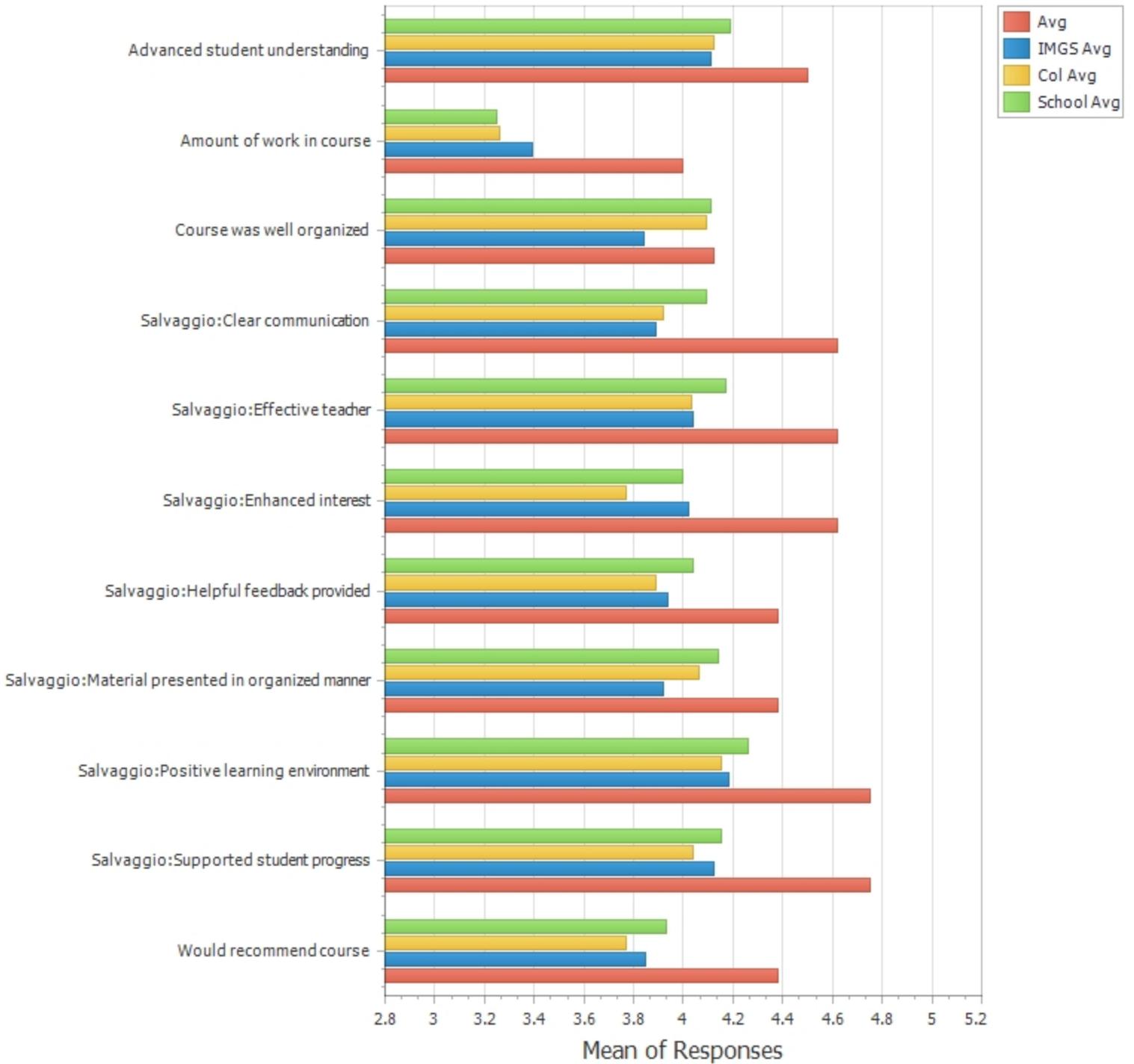
	Question Text	N	Top Two	Avg	SD	IMGS Avg	IMGS SD	Col Avg	Col SD	Uni Avg	Uni SD	No	Yes						
1	Regularly attended class	7	100%	1	0	0.96	0.20	0.97	0.17	0.97	0.17	0%	100%						
												Str Disagr	Disagr	Neutral	Agr	Str Agr			
6	Course was well organized	8	88%	4.12	0.64	3.84	1.07	4.09	0.96	4.11	0.95	0%	0%	13%	63%	25%			
7	Advanced student understanding	8	88%	4.5	0.76	4.11	1.00	4.12	0.96	4.19	0.92	0%	0%	13%	25%	63%			
												Much Less	Less	Average	More	Much More			
8	Amount of work in course	8	88%	4	0.53	3.39	0.93	3.26	0.81	3.25	0.93	0%	0%	13%	75%	13%			
												Str Disagr	Disagr	Neutral	Agr	Str Agr			
9	Would recommend course	8	100%	4.38	0.52	3.85	1.15	3.77	1.08	3.93	1.04	0%	0%	0%	63%	38%			
10	Enhanced interest (Salvaggio)	8	88%	4.62	0.74	4.02	1.01	3.77	1.10	4.00	1.04	0%	0%	13%	13%	75%			
11	Material presented in organized manner (Salvaggio)	8	88%	4.38	0.74	3.92	1.07	4.06	1.01	4.14	0.97	0%	0%	13%	38%	50%			
12	Clear communication (Salvaggio)	8	100%	4.62	0.52	3.89	1.08	3.92	1.10	4.09	1.01	0%	0%	0%	38%	63%			
13	Positive learning environment (Salvaggio)	8	100%	4.75	0.46	4.18	0.94	4.15	0.95	4.26	0.90	0%	0%	0%	25%	75%			
14	Helpful feedback provided (Salvaggio)	8	88%	4.38	0.74	3.94	1.03	3.89	1.06	4.04	1.03	0%	0%	13%	38%	50%			
15	Supported student progress (Salvaggio)	8	100%	4.75	0.46	4.12	0.91	4.04	0.97	4.15	0.93	0%	0%	0%	25%	75%			
16	Effective teacher (Salvaggio)	8	88%	4.62	0.74	4.04	1.02	4.03	1.06	4.17	0.98	0%	0%	13%	13%	75%			
19	COS - Fair evaluation of work (Salvaggio)	7	71%	3.86	0.69	4.09	0.91	4.25	0.86	4.25	0.86	0%	0%	29%	57%	14%			
20	COS - Consistent evaluation of work (Salvaggio)	7	100%	4	0	4.12	0.89	4.30	0.81	4.30	0.81	0%	0%	0%	100%	0%			
21	COS - Timely evaluation of work (Salvaggio)	7	86%	3.86	0.38	3.97	1.02	4.22	0.90	4.22	0.90	0%	0%	14%	86%	0%			
												Str Disagr	Disagr	Neutral	Agr	Str Agr	Did Not Seek		
22	COS - Availability outside of class (Salvaggio)	8	71%	4	0.82	4.28	0.92	4.20	1.79	4.20	1.79	0%	0%	25%	38%	25%	13%		
23	COS - Helpful outside of class (Salvaggio)	8	100%	4.71	0.49	4.25	0.93	4.13	1.81	4.13	1.81	0%	0%	0%	25%	63%	13%		
												Str Disagr	Disagr	Neutral	Agr	Str Agr			
24	Instructor was available (Salvaggio)	8	75%	4	0.76	4.13	0.85	4.08	0.81	4.15	0.85	0%	0%	25%	50%	25%			
25	Feedback was timely (Salvaggio)	8	88%	4	0.53	3.99	0.94	4.13	0.89	4.09	0.95	0%	0%	13%	75%	13%			
												1	2-3	4-7	8-15	16-31	32+		
	Emails received for course evals	8	0%									0%	0%	25%	13%	50%	13%		
												1-3	4-6	7-9	10-12	13-15	16-18	19-21	22+

Classes this semester	8	0%									0%	100%	0%	0%	0%	0%	0%	0%
											Vry Discrim	Discrim	Avg	Not Discrim	Not At All D			
How discriminating the student was this semester	8	0%									50%	0%	13%	25%	13%			
											Very Easy	Easy Grader	Avg	Hard Grader	Very Hard			
Rating tendency - this semester	8	0%									0%	25%	50%	25%	0%			
											0	1-2	3-5	6+				
Evaluations completed	8	0%									0%	0%	88%	13%				
											0	25	50	75	100			
Evaluations completed %	8	0%									0%	0%	0%	0%	100%			
											Y	N						
Emailed eval reminder by an instructor this semester	8	0%									25%	75%						
											Shibboleth	Email Login Link	Current Classes	Unknown	School SSO			
Login method	8	0%									88%	0%	0%	0%	13%			
											american indian/alas	asian	black/african americ	hawaiian/pacific isl	multiple	unknown	white	
Student race	8	0%									0%	13%	0%	0%	0%	0%	88%	
											F	M						
Student gender	8	0%									50%	50%						
											0							
High school credits	8	0%									100%							
											Vry Discrim	Discrim	Avg	Not Discrim	Not At All D			
Discriminate overall	8	0%									13%	0%	38%	38%	13%			
											Very Easy	Easy Grader	Avg	Hard Grader	Very Hard			
Rating tendency - overall	8	0%									0%	25%	50%	25%	0%			

Instructor	Text Responses
	Question: In what ways
	needed knowledge of some of the math from previous semesters and from the first half of this course
	Built on IPCV1
	Builds upon coding and reading concepts from the previous class in the sequence. Very similar learning environment.
	It built upon all of the image processing information we've learned so far
	Allowed me to take my academic assignment type coding workflow (getting assignments, instructions, turning in just code) into a space that was more reflective of a real world workflow (reading papers, implementing in my own way, publishing results). It was dope.
	This course built upon the previous IPCV course and helped to further by ability to program. It also built upon my ability to take IEEE published papers and dissect them for information and implementation.
	Built on DIP I by not only writing codes that we learned about in the previous semester, but now we wrote papers on those codes.
	Question: Online effectiveness
	It was helpful to look back on past lectures
	Very useful
	Incredibly useful to look back on course material.

	The online recording system is incredibly useful for this class. I would frequently refer back to the lectures, and I loved that they were always available.
	Effective when needed!
	Very helpful. It was nice to be able to go back and look at lectures in case I wasn't sure on a particular topic or missed a class.
	Great. If I missed the class I could always watch the lecture online
	Question: How well did CIS courses prepared you
	on point
	Exceeded expectations
	Extremely well, will use concepts and skills learned from this class in future classes as well as post-graduate education.
	I have definitely improved my skills in writing technical papers.
	IPCV2 exceeded my expectations. 2.5 years ago when I was in intro to computing and control I never would have guessed I'd leave my last Carl Salvaggio class having really excelled and thoroughly enjoyed the class.
	This class met my expectations 100%.
	Great learning experience
	Question: Suggestions for improvement
	none
	Time the project due dates out better.
	Could improve by including computational photography practices like photometric calibration or texture synthesis. Similarly, looking at 3D reconstruction from images would be useful.
	Probably nothing you haven't heard before...
	--
	Question: Comments
Salvaggio	Always willing to sit down and help with any questions
Salvaggio	- Great lectures and material - Very helpful feedback and useful advice when going for help - Extremely useful, fun, and practical projects. The design and grading of these projects (professional IEEE papers and long term research) felt like the most practical experience in the imaging science curriculum yet.
Salvaggio	He explains things very well if anything needs some clarification. I like the overall structure of the class as well.
Salvaggio	Presents concepts well and covers them in-depth.
Salvaggio	Really cares for his students and wants them to succeed. He is very accommodating and will work on something with a student until they understand it.
Salvaggio	Carl is always willing to meet outside of the class and help with individual questions. He makes you excited about the programs you are creating.
Salvaggio	So helpful and available often for outside of class help. He is the expert in all things image processing and I feel bad sometimes because everyone always has questions for him and they never leave him alone. But he never closes his door to anyone because if he can in any way instill knowledge and passion for computer vision he will. He teaches the material well and expects the best from us.
Salvaggio	The format of IPCV2 is awesome. Students are given a lengthy amount of time to work on each project and take the time to produce polished work that they could be proud of. It really brought all of the programming coursework full circle.
	Question: Improvement
Salvaggio	none
Salvaggio	- Spread the due dates and organization of projects out more fairly. The end of the semester is way too crammed. - Cover the material in a way that allows for more choices with course-related projects. It felt like too much time was spent on certain topics that not many would likely commit to even doing a project on.
Salvaggio	I think Carl put together a really great course, and I'm not sure if I can think of any suggestions that would have made the course more effective for me.
Salvaggio	The format of the class is not so great and make its really hard to do well. Final project should be due during finals week that way there is more time balance all projects inside and outside of the class. This also allows all the groups to go at once when presenting instead of giving a group the advantage. There should also be more stress on how to write a good paper and also how to learn how to display results in a paper or video.
Salvaggio	Maybe giving more insight to the final project. That's the only thing I can think of.
Salvaggio	I know he warned us about the last few projects, but omg the last few weeks of classes are so crazy if there's any way to spread out the projects more, that would be great.
Salvaggio	Could improve by giving feedback quicker regarding course projects. Set longer office hours for questions.
Salvaggio	I think it would be helpful to make sure that both TA's are in agreement on how to grade papers/videos. Just as an example, in class we were told that the captions to our figures in our papers should be detailed and in some cases should mirror what we wrote in our paper. After being told that I made the proper adjustments to my report and someone wrote a comment on my report that I was being redundant in my captions. It would also be helpful if the TA's sent out emails when they're not going to be able to make it to office hours; there were a few times that I wanted to find them to get my paper read, but they never showed up to their office hours. Otherwise, I think Carl is a great professor.

Question Averages



There were: 21 possible respondents.

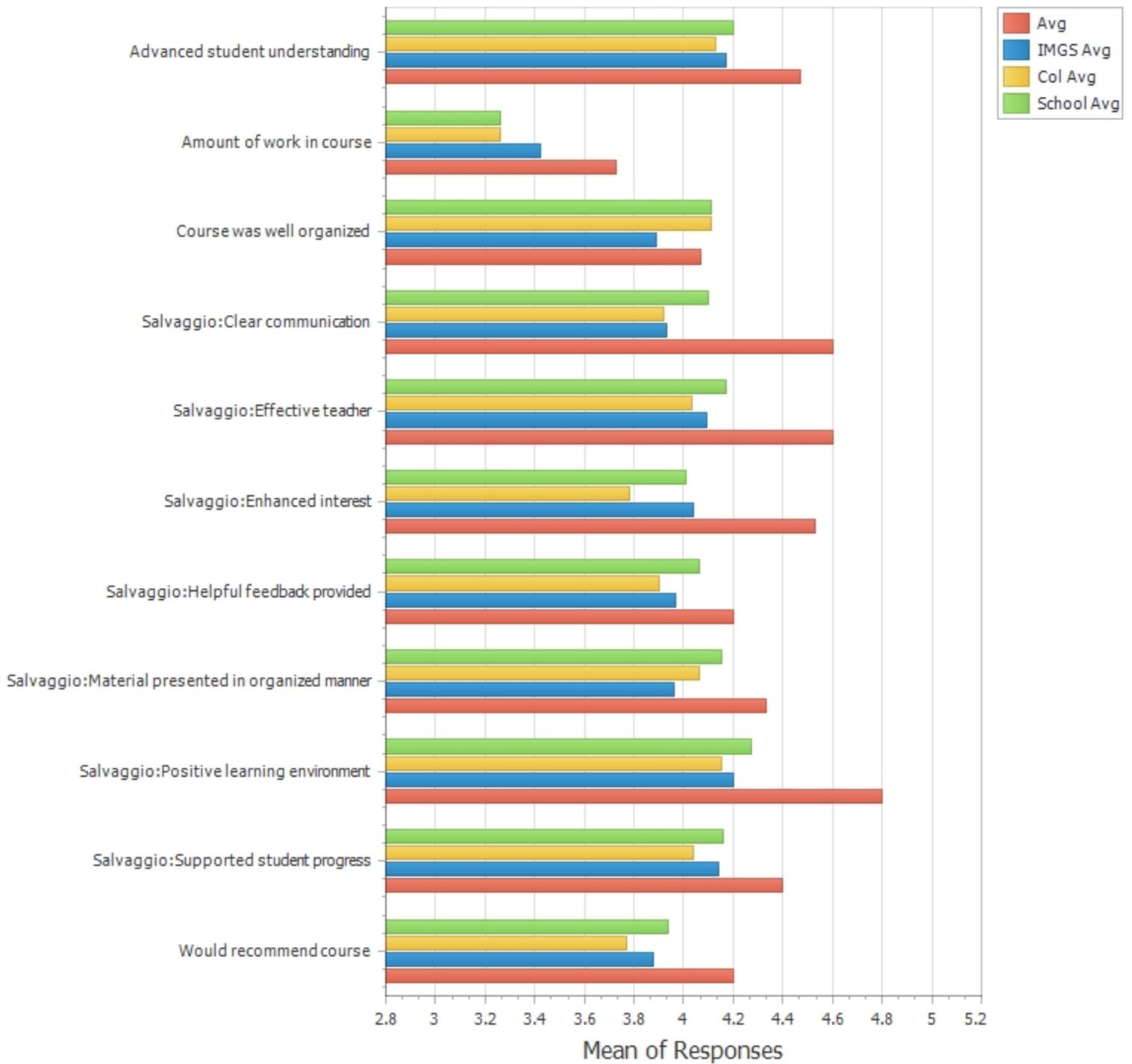
	Question Text	N	Top Two	My Avg	SD	IMGS Avg	IMGS SD	Col Avg	Col SD	Uni Avg	Uni SD	No	Yes				
1	Regularly attended class	14	93%	0.93	0.27	0.96	0.20	0.97	0.17	0.97	0.17	7%	93%				
												Str Disagr	Disagree	Neutral	Agree	Str Agree	
6	Course was well organized	15	80%	4.07	0.88	3.89	1.06	4.11	0.95	4.11	0.95	0%	7%	13%	47%	33%	
7	Advanced student understanding	15	100%	4.47	0.52	4.17	0.95	4.13	0.95	4.20	0.92	0%	0%	0%	53%	47%	
												Much Less	Less	Average	More	Much More	
8	Amount of work in course	15	67%	3.73	0.59	3.42	0.94	3.26	0.81	3.26	0.93	0%	0%	33%	60%	7%	
												Str Disagr	Disagree	Neutral	Agree	Str Agree	
9	Would recommend course	15	87%	4.2	0.68	3.88	1.12	3.77	1.07	3.94	1.04	0%	0%	13%	53%	33%	
10	Enhanced interest (Salvaggio)	15	93%	4.53	0.64	4.04	1.02	3.78	1.10	4.01	1.04	0%	0%	7%	33%	60%	
11	Material presented in organized manner (Salvaggio)	15	87%	4.33	0.9	3.96	1.06	4.06	1.00	4.15	0.97	0%	7%	7%	33%	53%	
12	Clear communication (Salvaggio)	15	100%	4.6	0.51	3.93	1.08	3.92	1.09	4.10	1.01	0%	0%	0%	40%	60%	
13	Positive learning environment (Salvaggio)	15	100%	4.8	0.41	4.20	0.95	4.15	0.95	4.27	0.90	0%	0%	0%	20%	80%	
14	Helpful feedback provided (Salvaggio)	15	80%	4.2	0.77	3.97	1.04	3.90	1.06	4.06	1.02	0%	0%	20%	40%	40%	
15	Supported student progress (Salvaggio)	15	87%	4.4	0.74	4.14	0.92	4.04	0.97	4.16	0.93	0%	0%	13%	33%	53%	
16	Effective teacher (Salvaggio)	15	100%	4.6	0.51	4.09	1.02	4.03	1.06	4.17	0.98	0%	0%	0%	40%	60%	
19	COS - Fair evaluation of work (Salvaggio)	15	80%	4.2	0.94	4.15	0.87	4.25	0.84	4.25	0.84	0%	7%	13%	33%	47%	
20	COS - Consistent evaluation of work (Salvaggio)	15	80%	4.27	0.8	4.15	0.87	4.3	0.80	4.3	0.80	0%	0%	20%	33%	47%	
21	COS - Timely evaluation of work (Salvaggio)	15	60%	3.8	0.94	4.03	0.99	4.22	0.90	4.22	0.90	0%	7%	33%	33%	27%	
												Str Disagr	Disagree	Neutral	Agree	Str Agree	Did Not Seek
22	COS - Availability outside of class (Salvaggio)	14	64%	3.82	0.98	4.28	0.92	4.21	0.93	4.21	0.93	0%	7%	21%	29%	21%	21%
23	COS - Helpful outside of class (Salvaggio)	14	90%	4.5	0.71	4.29	0.90	4.13	0.98	4.13	0.98	0%	0%	7%	21%	43%	29%
												Str Disagr	Disagree	Neutral	Agree	Str Agree	
24	Instructor was available (Salvaggio)	14	79%	4.07	0.92	4.17	0.83	4.08	0.82	4.15	0.85	0%	7%	14%	43%	36%	
25	Feedback was timely (Salvaggio)	14	50%	3.79	0.89	4.07	0.90	4.13	0.90	4.10	0.95	0%	0%	50%	21%	29%	

Instructor	Text Responses
	Question: In what ways
	It allowed us to navigate our existing knowledge for developing real-world applications.
	A smooth transition from the fall semester's class. I definitely think learning LaTeX in previous classes would have better prepared me though.
	coding
	This built on the first class in the series, IPCV 1.
	Continued the use of python.

Built upon previous coding experiences, applying tools required to understand common practices and systems discussed previously, and built upon previous writing skills.
Built on IPCV 1
Took material and coding concepts learning from IPCV 1 and ICC and applied them ourselves in this course.
This class did a really good job at providing a smooth continuation from IMGS-361. It really felt like an appropriate sequel class to the original. I liked how we went from learning image-processing techniques and fundamentals to implementing papers and exploring these algorithms further with proper analysis.
Expanded processing algorithms and uses for them in imaging applications, but allowed us to attempt to figure them out on our own.
It all built upon previous works pretty well, actually used some old code in there projects.
Question: Online effectiveness
10/10
WONDERFUL!
not always a reliable system but useful when it works
very effective
The class recording system was quite helpful. The website glitched a few times, but overall useful.
Helpful if the student missed a class or needed to go back for clarification.
Online class recording system was tolerable, on a few occasions having better resolution visually, or less noisy audio would be beneficial.
Very useful for reviewing lecture material.
Really helpful to go back to and listen again.
The class recording was effective and useful
Really nice. This class moves quickly and the reference is great for performing projects later in the semester.
Did not exist. Ineffective. There was no way to gauge my grades.
Very effective, although difficult to make out detail
Question: How well did CIS courses prepared you
I was able to establish an outside project.
Met my expectations - I like the flexibility in project choices.
very well
It was a great class that met my expectations in terms of computer vision.
Expectations were well met, especially since much of the course work was self directed.
Learned some helpful image processing techniques that could be used in the future.
This course met my expectations and contributed to my educational goals.
I can say that I enjoyed this class a lot. I really liked the option to make videos, as those proved to be fun and allowed me to think about explaining my results in a different way. I wasn't the biggest fan of the machine learning stuff at the end, though. I felt like I was starting a brand new class, with a new instructor, with only 3 weeks left in the year. Trying to learn something fresh so late in the year is more difficult than I initially believed it would be.
I expected this course to be this way, however I found it difficult to accomplish with the other required courses that I was taking at the time.
Well enough
Question: Suggestions for improvement
n/a
I had less motivation to pay attention to topics that I wasn't going to use for my projects
moving the machine learning to another portion of the semester would be good.
What might be interesting to do, is to have a handful of topics as options, such as the machine learning series we had, and present future classes with a vote on which option to pursue at the end of the semester. To reduce burden on the instructor only 2-3 topics should be provided as options. This would help maintain class interest at the end of the semester.
The machine learning portion of the semester was a bit dry, but problems were to be expected with a trial-run of the material.
Perhaps longer machine learning lectures. Also would have loved to have a couple of big paper projects and three smaller projects where we just code like IPCV 1.
The machine learning section was very cool and useful though I don't know if the end of the semester was the best time for those lectures.
Grading was fair, though, I wish I saw my numeric grades/they were posted on mycourses like they were in the fall. By just the letter grade, I'm not sure if a B is an 83 or an 86 and that factors into the final course grade a considerable amount. I also wish that the syllabus had been updated to fit the new Machine Learning Schedule. How much of my grade is it actually going to cover? I'm still not sure. I will also have to vote no on continuing the Machine Learning portion of the course. I don't think there's enough time for it and the do-the-homework-with-you sessions never actually happened. It may be a good idea for an elective in the future.

	Machine learning beta - lecture was okay... programming homework was easy but difficult to understand based on how people program in their own personal way.
	I don't quite understand the purpose of the required video, at the very least providing some resources to pull from for those who have no experience.
	Question: Comments
Salvaggio	Listen to feedback; introduce Mohammed for machine learning
Salvaggio	extremely knowledgeable about the subject and can help work through any problems you may be having. made class enjoyable because he cares about his students and the material
Salvaggio	Got us excited about the material, explained things well, awesome guy
Salvaggio	The instructor did a great job of engaging students in the material and making it clear he cared about our progress.
Salvaggio	Lectured material was clear and made complete sense, as usual.
Salvaggio	Really shows his passion for the material and makes the students passionate as well. Presents the material in a clear and organized fashion. Let's students challenge themselves with difficult projects without forcing it and doesn't penalize students who set too high of goals.
Salvaggio	Carl did a good job managing the grades this semester. I like how he was the one to stamp a mark on the paper/video instead of the TA. This takes dedication. His feedback was also helpful in elevating our work to the next level. As in the fall, he communicates the information to us very well and has a lot of fun teaching it. This is always a plus in a class.
Salvaggio	The instructor provided useful feedback and help even on individual projects not based on material specifically covered in class.
Salvaggio	Carl was very helpful with providing feedback and assistance with projects consistently through the semester.
Salvaggio	Always communicates the ideas, the fundamental concepts, in a useful manner
	Question: Improvement
Salvaggio	Carl overestimated the time we'd have to cover material, and his original idea of 6 machine learning homeworks in the last month was way too much. Luckily, he realized this and got rid of the assignments, but it wasn't well communicated, and I don't know how the new grading structure will work. Also, now it means we only had 4 assignments all semester...
Salvaggio	I found grading to be inconsistent. A video has much less detail but will most likely get a better grade than a paper.
Salvaggio	Assignment grades took a while to get back.
Salvaggio	As previously mentioned, I'd like to know my numeric grades on the assignments and have them posted to mycourses. It also took a while to get the grades back. The 2-week limit was met, but the wait was a bit tedious when it came to starting other projects. I understand it is difficult to grade 25-30 of these assignments. I also think the Machine Learning Stuff got a bit disorganized and Carl may have been able to steer everybody back on track. I do have forgiveness here, as this is something he never tried before.
Salvaggio	Providing better requirements for paper assignments as to what should be accomplished in addition to finding an algorithm. Would be interesting to have a larger 3 project that could utilize drafts that the final project can function as a true, polished, paper that could be published.

Question Averages



Carl Salvaggio Teaching IMGS 362 UGRD Image Proc & Comp Vision II LEC MAI sec: 1 2018 Spring

There were: 15 possible respondents.



1	◇ Regularly attended class	6	83%	0.83	0.96	0.97	0.97	17%	83%						
6	◇ Course was well organized	6	100%	4.67	3.92	4.12	4.13	0%	0%	0%	33%	67%			
7	◇ Advanced student understanding	6	100%	4.67	4.19	4.14	4.22	0%	0%	0%	33%	67%			
8	◇ Amount of work in course	6	33%	3.33	3.42	3.26	3.25	0%	0%	67%	33%	0%			
9	◇ Would recommend course	6	100%	4.67	3.87	3.76	3.95	0%	0%	0%	33%	67%			
10	◇ Enhanced interest (Salvaggio)	6	100%	4.83	4.04	3.79	4.02	0%	0%	0%	17%	83%			
11	◇ Material presented in organized manner (Salvaggio)	6	100%	4.83	3.96	4.07	4.16	0%	0%	0%	17%	83%			
12	◇ Clear communication (Salvaggio)	6	100%	4.83	3.93	3.94	4.11	0%	0%	0%	17%	83%			
13	◇ Positive learning environment (Salvaggio)	6	100%	4.83	4.19	4.16	4.29	0%	0%	0%	17%	83%			
14	◇ Helpful feedback provided (Salvaggio)	6	100%	4.83	3.97	3.91	4.07	0%	0%	0%	17%	83%			
15	◇ Supported student progress (Salvaggio)	6	100%	4.83	4.14	4.05	4.18	0%	0%	0%	17%	83%			
16	◇ Effective teacher (Salvaggio)	6	100%	4.83	4.08	4.03	4.19	0%	0%	0%	17%	83%			
19	◇ COS - Fair evaluation of work (Salvaggio)	6	100%	4.67	4.16	4.26	4.26	0%	0%	0%	33%	67%			
20	◇ COS - Consistent evaluation of work (Salvaggio)	6	100%	4.67	4.17	4.31	4.31	0%	0%	0%	33%	67%			
21	◇ COS - Timely evaluation of work	6	100%	4.67	4.04	4.22	4.22	0%	0%	0%	33%	67%			

(Salvaggio)																
22	◇ COS - Availability outside of class (Salvaggio)	6	100%	4.67	4.30	4.22	4.22	0%	0%	0%	33%	67%	0%			
23	◇ COS - Helpful outside of class (Salvaggio)	6	100%	4.83	4.28	4.14	4.14	0%	0%	0%	17%	83%	0%			
24	◇ Instructor was available (Salvaggio)	6	100%	4.5	4.17	4.10	4.16	0%	0%	0%	50%	50%				
25	◇ Feedback was timely (Salvaggio)	6	100%	4.5	4.07	4.14	4.12	0%	0%	0%	50%	50%				
	Classes this semester	6						0%	83%	17%	0%	0%	0%	0%	0%	0%
	Student race	6						0%	0%	0%	0%	17%	0%	83%	0%	
	Student gender	6						33%	67%							

There are no Chart of Averages data for the selected columns

There are no Chart of Scores data for the selected columns

[Customize columns](#)

Instructor	Questions	Text Responses
	Question: In what ways	Very nice "next step" from IPCV I; really cool to apply the stuff we did.
	Question: In what ways	Build off of IPCV 1.
	Question: In what ways	In IPCV 1, we learning many image processing techniques and these were used in IPCV 2 to creat e bigger projects.
	Question: In what ways	It uses c++ as a tool for image processing. We combine our knowledge of different classes and actually creat e algorithms to quantitatively analyze images or change them
	Question: Online effectiveness	Pretty okay.
	Question: Online effectiveness	10/10
	Question: Online effectiveness	Very useful.
	Question: Online effectiveness	Very helpful for review or for watching if I needed to miss
	Question: How well did CIS courses prepared you	Exceeded.
	Question: How well did CIS courses prepared you	10/10
	Question: How well did CIS courses prepared you	I really wanted to get better at c++ and I think because of this class and the help from the professor and TA's I have gotten much better at it.

	UIS courses prepared you	IAS, I have gotten so much better at it.
	Question: How well did CIS courses prepared you	Very good class
	Question: Suggestions for improvement	Grading process for the final is kind of messy in my opinion, needs a more streamlined system.
	Question: Suggestions for improvement	I think the papers were graded much harsher than the videos. I did appreciate the feedback, however. The only problem was that we still get the grade so the first one always hurts all of us.
	Question: Suggestions for improvement	Have more group projects!! The group project at the end helped me a lot with communicating with others, collaborating, using GitHub, and finding my strengths in coding. My group members taught me a lot about c++ that I did not know and I taught my group some things they didn't know. I thought it was the best part of the class!
	Question: Suggestions for improvement	n/a
Salvaggio	Question: Comments	I loved all the feedback I got on my papers. Topics that were discussed were very interesting.
Salvaggio	Question: Comments	Keeps the class fun and awesome!
Salvaggio	Question: Comments	Encouraged exploratory learning. Probably one of the best instructors I've ever had.
Salvaggio	Question: Comments	He really enjoys teaching our class (or at least is very good at pretending like he does). He's very happy and it's contagious.
Salvaggio	Question: Improvement	Be easier to track down for help outside of class.
Salvaggio	Question: Improvement	I wished that they would take into account my actual code on projects and not just give the grade based on the paper. Or at least give some feedback on my code.
Salvaggio	Question: Improvement	no clue

class

20	◇ COS - Consistent evaluation of work (Salvaggio)	6	-4.67	-----	-----	-----	-----	
21	◇ COS - Timely evaluation of work (Salvaggio)	6	-----	4.67	-----	-----	-----	
22	◇ COS - Availability outside of class (Salvaggio)	6	-----	-----	4.67	-----	-----	
23	◇ COS - Helpful outside of class (Salvaggio)	6	-4.83	-----	-----	-----	-----	
24	◇ Instructor was available (Salvaggio)	6	-----	-----	4.5	-----	-----	
25	◇ Feedback was timely (Salvaggio)	6	-----	4.5	-----	-----	-----	

There were: 15 possible respondents.

	Question Text	N	Top Two	Avg	IMGS Avg	Col Avg	Uni Avg	No	Yes			
1	Regularly attended class	7	100%	1	0.96	0.97	0.97	0%	100%			
								Str Disagree	Disagree	Neutral	Agree	Str Agree
6	Course was well organized	6	100%	4.17	3.92	4.13	4.13	0%	0%	0%	83%	17%
7	Advanced student understanding	6	100%	4.33	4.20	4.14	4.22	0%	0%	0%	67%	33%
								Much Less	Less	Average	More	Much More
8	Amount of work in course	6	83%	3.83	3.42	3.26	3.25	0%	0%	17%	83%	0%
								Str Disagree	Disagree	Neutral	Agree	Str Agree
9	Would recommend course	6	67%	3.67	3.86	3.78	3.95	0%	0%	33%	67%	0%
								Str Disagree	Disagree	Unsure	Agree	Str Agree
10	Online Transition: Learned to similar degree since transition to remote	6	100%	4.33	3.48	3.31	3.48	0%	0%	0%	67%	33%
								Much Less	Less	Same	More	Much More
11	Online Transition: Time spent compared to traditional class	6	67%	3.83	3.23	3.12	3.00	0%	0%	33%	50%	17%
								Ver Difficult	Difficult	Unsure	Easy	Ver Easy
12	Online Transition: Communication w/instructor since switch to remote	6	100%	4.83	3.88	3.91	4.00	0%	0%	0%	17%	83%
								Str Disagree	Disagree	Neutral	Agree	Str Agree
13	Enhanced interest	7	100%	4.29	4.04	3.81	4.02	0%	0%	0%	71%	29%
14	Material presented in organized manner	7	100%	4.43	3.96	4.07	4.16	0%	0%	0%	57%	43%
15	Clear communication	7	100%	4.43	3.93	3.95	4.11	0%	0%	0%	57%	43%
16	Positive learning environment	7	86%	4.29	4.19	4.19	4.29	0%	0%	14%	43%	43%
17	Helpful feedback provided	7	100%	4.14	3.97	3.93	4.07	0%	0%	0%	86%	14%

18	Supported student progress	7	100%	4.29	4.14	4.07	4.18	0%	0%	0%	71%	29%	
19	Effective teacher	7	100%	4.29	4.08	4.05	4.19	0%	0%	0%	71%	29%	
22	COS - Fair evaluation of work	6	100%	4.17	4.16	4.28	4.28	0%	0%	0%	83%	17%	
23	COS - Consistent evaluation of work	6	100%	4.33	4.17	4.31	4.31	0%	0%	0%	67%	33%	
24	COS - Timely evaluation of work	6	50%	3.5	4.06	4.24	4.24	0%	0%	50%	50%	0%	
								Str Disagree	Disagree	Neutral	Agree	Str Agree	Did Not Seek
25	COS - Availability outside of class	6	100%	4.6	4.28	4.24	4.24	0%	0%	0%	33%	50%	17%
26	COS - Helpful outside of class	6	100%	4.6	4.28	4.16	4.16	0%	0%	0%	33%	50%	17%
27	Instructor was available	6	100%	4.33	4.17	4.11	4.17	0%	0%	0%	67%	33%	
28	Feedback was timely	6	83%	3.83	4.07	4.16	4.12	0%	0%	17%	83%	0%	

Text Responses

In what ways

Programing ability required from previous classes

This class integrated the topics from IPCV1 very well. The topic are very integral across the classes.

This class was based on being able to convey learning and understanding of coding concepts, which obviously build on coding taught in previous classes. Also builds on imaging science and processing knowledge.

This course built on IPCV I, as well as Fourier, Calculus, and ICC.

Part two of IPCV 1.

I learned to read and learn from published papers. As well as practice creative presentation skills.

Online effectiveness

Works as intended

It was very useful for reviewing topics late in the semester. A few months made it hard to remember them perfectly.

Great, helped me find content that was useful for projects long after the lectures.

It was very effective, but Matterhorn does run on Flash which is going to be discontinued at the end of this year, so that should be looked into.

Super useful for this course

It was very helpful for understanding and practicing the materials.

How well did CIS courses prepared you

Satisfactory

I think I learned a lot, and got a lot out of it.

Very Well

This course met my expectation of me no longer being afraid of writing scientific papers, and now being confident in my skills in LaTeX to write one.

Like this course a lot. Glad that it is laid out the way it is.

I like all the subjects we covered in the class. It give me the opportunity to practice doing research on my own.

Suggestions for improvement

I think that a better established rubric could assist in the completion of assignments.

N/A

One thing that I think could be improved with this class is how so much of the lecture material is never used by the students in any projects. A possible solution is if some of the assignments could integrate multiple concepts or if the lectures were more focused into fewer concepts.

No suggestions

I really liked the option that we could choose how we want to present our project, rather than just writing IEEE papers.

Comments

Keeps topics interesting

The instructor's deep knowledge on the subject matter and his willingness to work one-on-one with every student to help them complete their projects made for a very engaging and interesting course.

Strong knowledge and understanding of taught material. Positive learning environment. Very open to help.

Explained the topics well, and re-incorporated topics frequently.

The instructor cares about the students and often checking in with students make sure we are okay.

Improvement

I think that creating interim assignments to force progress on work would be helpful. So on the final project, make something due before the final talk to require work on it. Or for the demosaicking algorithm, making the presentation due way early compared to the assignment.

Takes a while to get grades/feedback on assignments.

One thing that I think could be improved with this class is how so much of the lecture material is never used by the students in any projects. A possible solution is if some of the assignments could integrate multiple concepts or if the lectures were more focused into fewer concepts.

Some of the project due dates felt rushed but probably just due to the big RONA

Note: Spring 2019-20 was the semester interrupted by the COVID-19 pandemic. In-person classes ended after spring break and the semester was finished with alternate delivery modes.

There were: 12 possible respondents.

	Question Text	N	Top Two	Avg	IMGS Avg	Col Avg	Uni Avg	No	Yes						
1	Regularly attended class	6	100%	1	0.96	0.97	0.97	0%	100%						
								Str Disagree	Disagree	Neutral	Agree	Str Agree			
6	Course was well organized	6	50%	3.33	3.95	4.14	4.13	0%	33%	17%	33%	17%			
7	Advanced student understanding	6	83%	4	4.20	4.14	4.21	0%	0%	17%	67%	17%			
								Much Less	Less	Average	More	Much More			
8	Amount of work in course	6	100%	4.17	3.41	3.26	3.25	0%	0%	0%	83%	17%			
								Str Disagree	Disagree	Neutral	Agree	Str Agree			
9	Would recommend course	6	50%	3.17	3.86	3.78	3.95	0%	50%	0%	33%	17%			
10	Instructor enhanced interest	6	83%	3.83	4.04	3.81	4.03	0%	17%	0%	67%	17%			
11	Material presented in organized manner	6	67%	3.5	3.98	4.08	4.16	0%	33%	0%	50%	17%			
12	Clear communication	6	67%	3.67	3.95	3.95	4.12	0%	17%	17%	50%	17%			
13	Positive learning environment	6	50%	3.5	4.19	4.19	4.29	0%	17%	33%	33%	17%			
14	Helpful feedback provided	6	50%	3.5	3.97	3.93	4.08	0%	0%	50%	50%	0%			
15	Supported student progress	6	50%	3.33	4.14	4.07	4.19	17%	0%	33%	33%	17%			
16	Effective teacher	6	50%	3.17	4.08	4.05	4.19	0%	50%	0%	33%	17%			
19	COS - Fair evaluation of work	6	67%	3.5	4.18	4.28	4.28	0%	33%	0%	50%	17%			
20	COS - Consistent evaluation of work	6	83%	3.83	4.18	4.32	4.32	0%	17%	0%	67%	17%			
21	COS - Timely evaluation of work	6	67%	3.83	4.06	4.22	4.22	0%	0%	33%	50%	17%			
								Str Disagree	Disagree	Neutral	Agree	Str Agree	Did Not Seek		
22	COS - Availability outside of class	6	100%	4.6	4.29	4.24	4.24	0%	0%	0%	33%	50%	17%		

23	COS - Helpful outside of class	6	100%	4.4	4.28	4.16	4.16	0%	0%	0%	50%	33%	17%		
								Str Disagree	Disagree	Neutral	Agree	Str Agree			
24	Instructor was available	6	83%	4	4.17	4.11	4.17	0%	0%	17%	67%	17%			
25	Feedback was timely	6	67%	3.83	4.07	4.14	4.13	0%	0%	33%	50%	17%			
								1-3	4-6	7-9	10-12	13-15	16-18	19-21	22+
	Classes this semester	6						0%	100%	0%	0%	0%	0%	0%	0%
								American Indian	Asian	Black / African	Hawaiian	Multiple	Unknown	White	Hisp /Lat
	Student race	6						0%	0%	0%	0%	17%	0%	83%	0%
								F	M						
	Student gender	6						50%	50%						

Text Responses

In what ways

A lot of concepts of math as well as how the human visual system views the world and some basic imaging science terms and concepts I've gathered from other classes and have used them here.

Built on IPCV1. Idk what else to say...?

Extension of IPCV I.

Direct successor to IMGS 361, we utilized tools we created to work on larger projects.

Directly followed upon IPCV I.

They all made use of prerequisite concepts, reviewing some and building on that review

Online effectiveness

It was very helpful to have recordings of the classes. It was good to focus on the professor and what he was saying during class and not feel the need to take notes because I could rewatch and make notes later.

Pretty useful considering Carl doesn't have assignments written down with the needed requirements >hintint

Rewatching zoom recordings were very helpful when stuck on a certain topic. Much better than matterhorn was.

Effective

Used Zoom; recordings were immediately available.

Didn't use it for much this semester, but they were available to me

How well did CIS courses prepared you

This class met my expectations. It has really provided me with an interest and where I want to take my career

It was fine I guess. I thought the independent project was cool.

Very well.

It met my goals.

This class covered many interesting topics in lecture, however due to the nature of the class and simultaneous course loads most of this was very difficult to absorb or pay attention to.

Good overall, although lacking some focus and direction at times

Suggestions for improvement

I think one project could have been dropped to allow for more time for the group scan sheet project. I really liked the free for all concept of just trying to make your own method to grade scan sheets. I wish I had more time for it. It was hard to have it at the end of the semester.

Uhh ya. Can Carl please(for the sake of future IPCV2 students) write down what he wants for each project and how exactly it's going to be graded?? It's real frustrating having to constantly ask the TAs what the heck he wants from us and how we'll be graded. I get that we all picked different projects but like some sort of outline like he had for IPCV1 and ICC. Regarding actual content, Idk I feel he decides what to talk about on the day. I realize there's the outline on the website but that's just how it feels. Also, due dates were a disaster. I felt so rushed on projects that I felt that I didn't actually get to learn but instead just got it done to get it done. Ugh

Organize the assignment deadlines better. It felt like we had 1/2 of the semester for the 1st assignment and then everything else was very pressed for time.

The content could be spread out a bit more effectively. For example, we had 6 weeks to work on the first project, and only 2 weeks to work on a project and the final.

Clarify metrics used for grading.

Make classes more focused on single topics so as to get further into that topic

Comments

Carl always explains concepts very well and takes questions whenever which is very helpful to further the understanding of material

I mean he obviously has a passion for what he does so that's nice I guess. Um uh ummmm. I think he cares about us but then doesn't? Idk

Strictly speaking in terms of lecture material, the content was well explained and communicated.

Very well organized slides, effective visuals, and great explanations.

Great at explaining and getting us interested in the topics.

Interesting lectures and projects

Improvement

Rearrange the order of the class projects.

Um well... show some compassion? Like COVID is still going on so like the expectations should not be exactly the same as Pre-COVID. It's a rough world right now and we're real stressed. Like push around dates or make grading easier idk man. Also, I feel you should be the one actually grading. I know I know you get the last word, but I know how it works with the TAs. That's why I'm upset: you're not even the one actually reading through papers and watching submissions. Not cool.

Reorganize the deadline schedule. It was a bit of a disaster to navigate when also trying to juggle the assignments for other classes.

It would help me if the content was slowed down just a bit, and the assignments were more evenly spread throughout the semester.

While my personal experience was fine, I observed some decisions made about other students (plagiarism accusations, lack of extensions when requested) that I don't agree with. It's a particularly rough semester for many and I hate to see my peers go through unnecessary hardships I didn't have to face.

Make the course follow the projects more, like in IPCV I. Lectures had interesting material that had very little to do with the work we had to do. I understand that the self-directed aspect of this course is important, but more sequential deadlines and assistance for project management would help lean the process better than the current "sink or swim" method. Please only give students one project to work on at a time. I understand that the idea is to make us learn to manage our time, but please remember that we're all taking several other classes and many of us work as well, so we're already managing several projects at once. Change the grading system back to the points-based system from IPCV I. I never knew exactly where I stood in this class grade-wise.

Note: Spring 2019-20 courses took place during a semester impacted by COVID-19. In-person classes ended after spring break and the semester was finished with alternate delivery modes.