

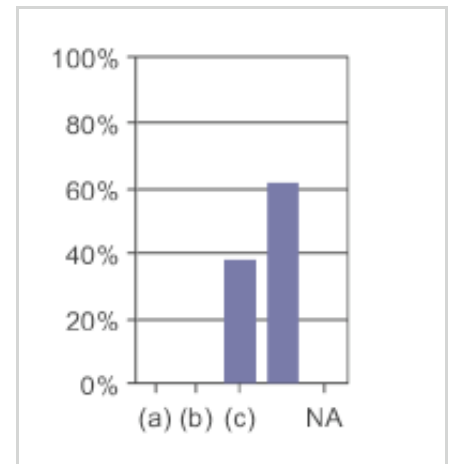
# OCE - COURSE SUMMARY REPORT

Instructor 1: Salvaggio, Carl  
Course: 1051-782-01 Intro To Dig Img Process  
Quarter: 20063  
Total responses: 13

## PART 1

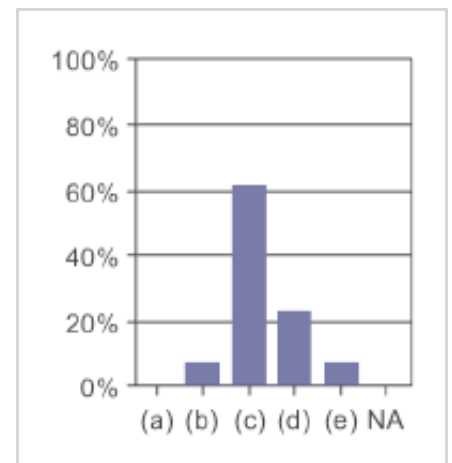
1) Your initial desire to take this course was: (13 answered)

option	text	number	percent
(a)	none at all	0	0.0%
(b)	slight	0	0.0%
(c)	moderate	5	38.5%
(d)	strong	8	61.5%
	Not Answered	0	0.0%



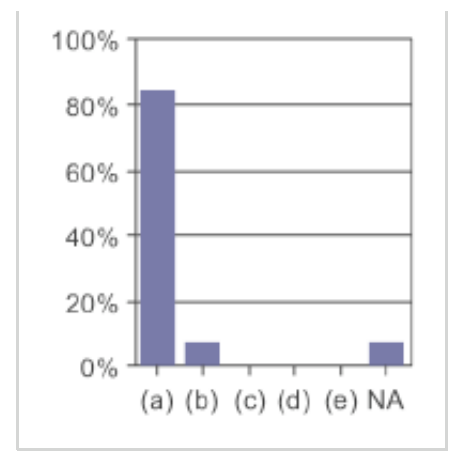
2) For your background and ability, this course was: (13 answered)

option	text	number	percent
(a)	very elementary	0	0.0%
(b)	somewhat elementary	1	7.7%
(c)	about right	8	61.5%
(d)	somewhat difficult	3	23.1%
(e)	very difficult	1	7.7%
	Not Answered	0	0.0%



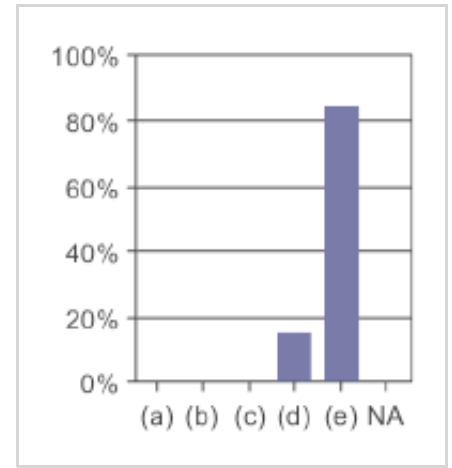
3) What grade do you expect to receive in this course? (12 answered)

option	text	number	percent
(a)	A	11	84.6%
(b)	B	1	7.7%
(c)	C	0	0.0%
(d)	D	0	0.0%
(e)	F	0	0.0%
	Not Answered	1	7.7%



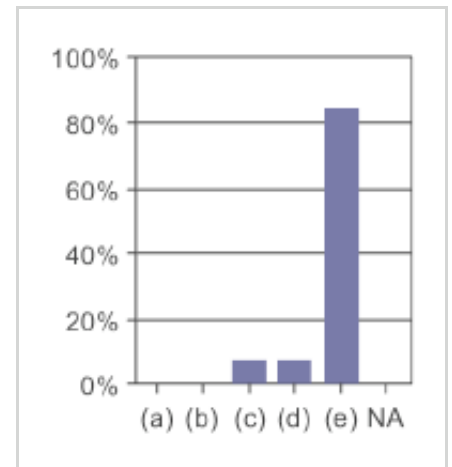
4) How concerned was the instructor that students learn? (13 answered)

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	15.4%
(e)	Best possible rating	11	84.6%
	Not Answered	0	0.0%



5) How much did the instructor stimulate your thinking and interest in the subject? (13 answered)

option	text	number	percent
(a)	Worst possible rating	0	0.0%
(b)	Below average	0	0.0%
(c)	Average	1	7.7%
(d)	Above average	1	7.7%
(e)	Best possible rating	11	84.6%
	Not Answered	0	0.0%

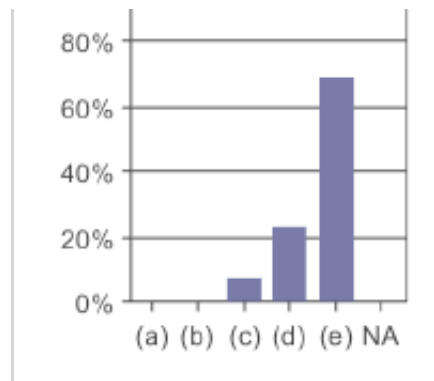


6) How effective was the method of presentation of the course material? (13 answered)

option	text	number	percent
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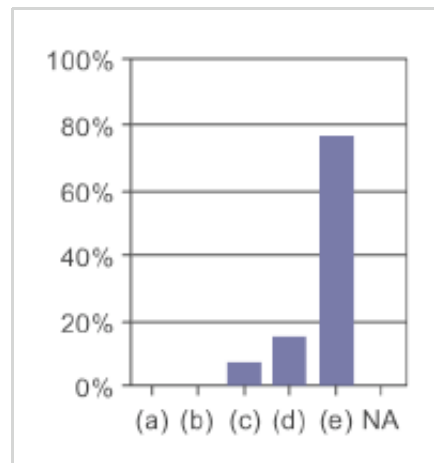


(a)	Worst possible rating	0	0.0%
(b)	Below average	0	0.0%
(c)	Average	1	7.7%
(d)	Above average	3	23.1%
(e)	Best possible rating	9	69.2%
	Not Answered	0	0.0%



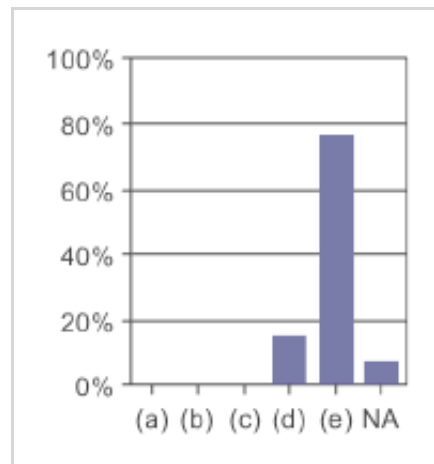
7) What is your overall rating of this course? (13 answered)

option	text	number	percent
(a)	Worst possible rating	0	0.0%
(b)	Below average	0	0.0%
(c)	Average	1	7.7%
(d)	Above average	2	15.4%
(e)	Best possible rating	10	76.9%
	Not Answered	0	0.0%



8) What is your overall rating of this instructor? (12 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	15.4%
(e)	Best possible rating	10	76.9%
	Not Answered	1	7.7%

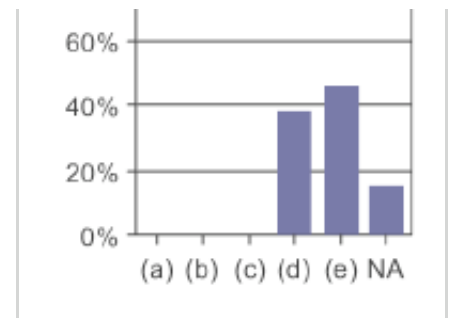


9) In general, were the laboratory experiments of value either in developing techniques and experience or in contributing to understanding the subject? (11 answered)

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

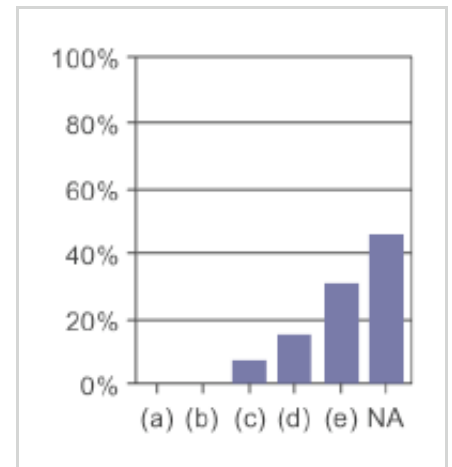


(b)	Somewhat valuable.	0	0.0%
(c)	Moderately valuable.	0	0.0%
(d)	Very valuable.	5	38.5%
(e)	Extremely valuable.	6	46.2%
	Not Answered	2	15.4%



10) Concerning the organization of the laboratory, the materials, supplies, and room were usually: (7 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	7.7%
(d)	Well organized and more than adequate.	2	15.4%
(e)	Extremely well organized and excellent.	4	30.8%
	Not Answered	6	46.2%



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

- excellent teaching, interesting homework.

By letting us pick any algorithm of our choosing and having us implement it, Carl forced us to independently approach a problem and solve it. I think being able to produce acceptable work, independently and without significant guidance is a cornerstone to being able to complete graduate level work. Projects should be approached in this manner in all classes. It forces the student to problem solve and to critically think about the assignment - versus just being told what to do and copying the steps.

- all of the examples (real time and otherwise) really help make the material understandable

this was probably the best class i've had here that was taught on campus and on breeze at the same time. everything in that regard appeared to go very smoothly (blended classes have been horrible in the past). very useful to code the algorithms we learn in class for the assignments. The assignments were challenging especially the ones where we had to look up papers on an algorithm and code it. Its difficult to find papers sometimes. But I think it was a good experience (although at the time i complained about it, of course). Also liked that we had a choice to take the final oral exam (i didnt take it).

Carl was simply fantastic. He really cares about student learning, is

very approachable and delivers outstanding instruction. The best thing about a class from Carl is the assesment. I have learned a HUGE

- amount about image processing by DOING image processing. If anyone in a position of influence in the CIS reads this you should encourage every class to follow Carl's assessment model. It is the best in the CIS, without exception.

The best lecturer I've experienced at RIT so far, even though I did not attend class, I felt on top of things in your recordings and looked

- forward to listening to them. Good segues, gave the class a cohesiveness missing from the previous digital imaging math/programming class.

Use of practical examples was a key part of the learning process. I was all set for a very dry review of a textbook like Gonzalez and Woods, but Carl really brought things to life. The projects forced the practical application of concepts. As an instructor, he's the best I think

- that I've ever had. He cares that the students get the point and is patient in answering questions. His way of explaining things makes sure that you "get it" intuitively before moving to the next level. Thanks much!

The real-world illustration of the theory and processes we've learned about all year helps to pull together all the concepts and allowed me to understand everything much better. Carl is very effective at

- communicating everything to the students without being vague or going over their heads. The extra material provided through the website also helps a lot to provide additional background.

The projects were very valueable to understanding the material and additionally were usefull to gain more experience in reading scientific literature. The examples done in class helped a great deal.

- Carl did a great job as an instructor. His lectures were clear, well organized, and he obviously knew what he was talking about. Also, I thought the evaluation method (labs and oral exams) was very appropriate for the type of material covered.

- made things interactive.... the projects were great

12) Your instructor would like to know what should be done to improve the teaching of this course. (5 answered)

- If you could provide more IDL examples in the class notes. Because most of us are just at baby step for IDL programming.
- The last project is a bit overwhelming.... maybe calm that one down a bit.

I know that this was the first time teaching the course - next time, maybe a syllabus of major topic areas would be helpful. The only other

- thing is to maybe create simpler projects that more closely align with the material being covered in class at the time.

Some of the code and pseudo-code in the notes could be clearer which would help when performing the projects. Some of the processes such as MNF were unclear based on the notes for many of us. The papers and additional resources on the webpage often help to clarify things

- and additional resources on the webpage often help to clarify things however some aren't always as accessible to the reader. I also think the explanation of the Huffman and Shannon-Fano methods are sometimes hard to follow in order to understand what they are really doing.

Because of the presentation method the subject comes off a little dry.

- It would be nice to make some of the in class examples available so that we could practice with them.

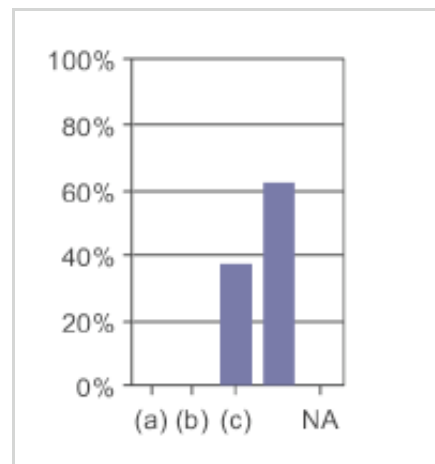
# OCE - COURSE SUMMARY REPORT

Instructor 1: Salvaggio, Carl  
Course: 1051-782-90 Intro To Dig Img Process  
Quarter: 20063  
Total responses: 8

## PART 1

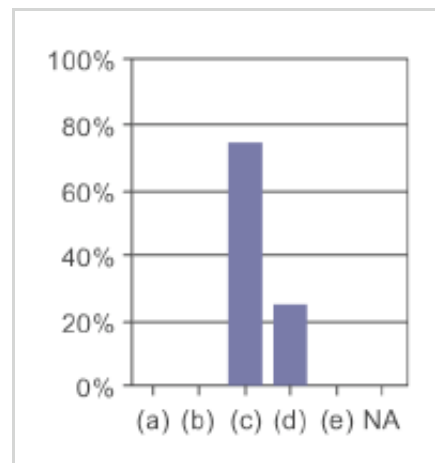
1) Your initial desire to take this course was: (8 answered)

option	text	number	percent
(a)	none at all	0	0.0%
(b)	slight	0	0.0%
(c)	moderate	3	37.5%
(d)	strong	5	62.5%
	Not Answered	0	0.0%



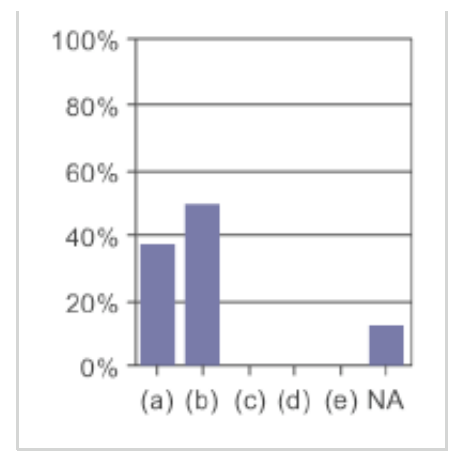
2) For your background and ability, this course was: (8 answered)

option	text	number	percent
(a)	very elementary	0	0.0%
(b)	somewhat elementary	0	0.0%
(c)	about right	6	75.0%
(d)	somewhat difficult	2	25.0%
(e)	very difficult	0	0.0%
	Not Answered	0	0.0%



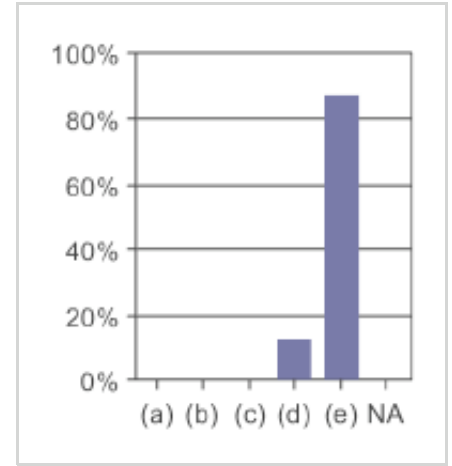
3) What grade do you expect to receive in this course? (7 answered)

option	text	number	percent
(a)	A	3	37.5%
(b)	B	4	50.0%
(c)	C	0	0.0%
(d)	D	0	0.0%
(e)	F	0	0.0%
	Not Answered	1	12.5%



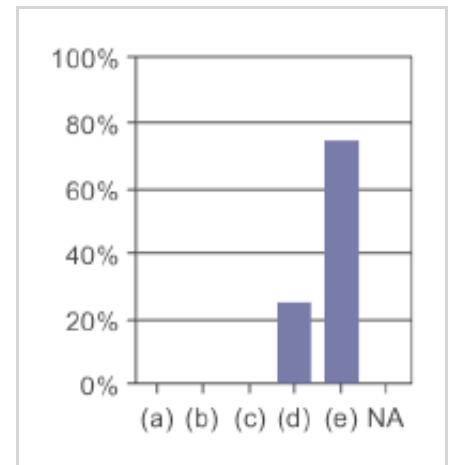
4) How concerned was the instructor that students learn? (8 answered)

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	12.5%
(e)	Best possible rating	7	87.5%
	Not Answered	0	0.0%



5) How much did the instructor stimulate your thinking and interest in the subject? (8 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	25.0%
(e)	Best possible rating	6	75.0%
	Not Answered	0	0.0%

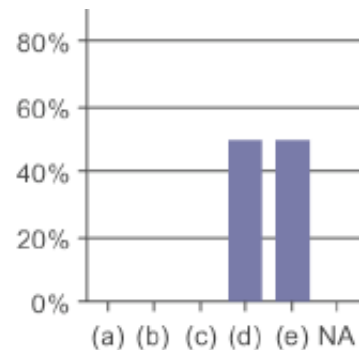


6) How effective was the method of presentation of the course material? (8 answered)

option	text	number	percent
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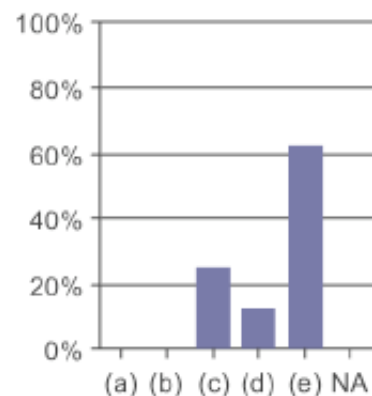


(a)	Worst possible rating	0	0.0%
(b)	Below average	0	0.0%
(c)	Average	0	0.0%
(d)	Above average	4	50.0%
(e)	Best possible rating	4	50.0%
	Not Answered	0	0.0%



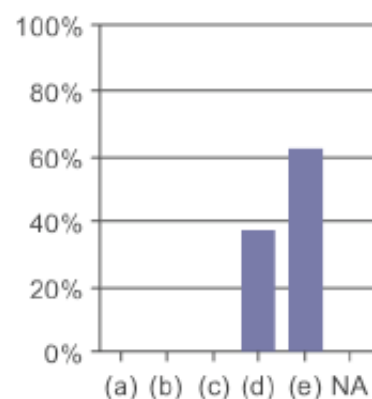
7) What is your overall rating of this course? (8 answered)

option	text	number	percent
(a)	Worst possible rating	0	0.0%
(b)	Below average	0	0.0%
(c)	Average	2	25.0%
(d)	Above average	1	12.5%
(e)	Best possible rating	5	62.5%
	Not Answered	0	0.0%



8) What is your overall rating of this instructor? (8 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	3	37.5%
(e)	Best possible rating	5	62.5%
	Not Answered	0	0.0%

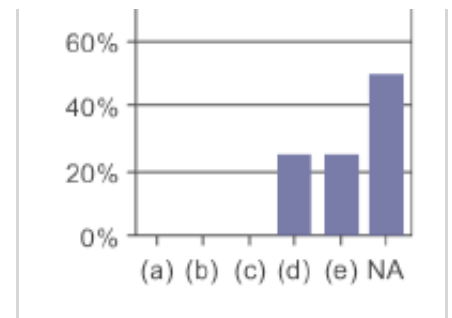


9) In general, were the laboratory experiments of value either in developing techniques and experience or in contributing to understanding the subject? (4 answered)

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

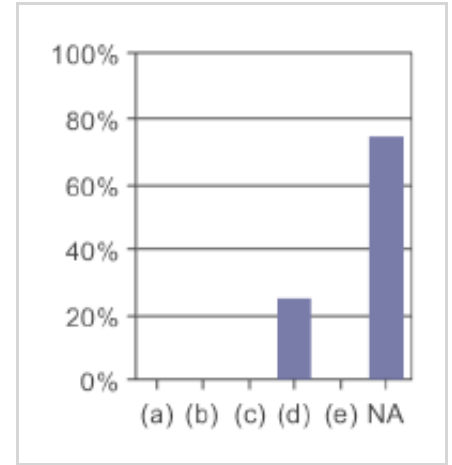


(b)	Somewhat valuable.	0	0.0%
(c)	Moderately valuable.	0	0.0%
(d)	Very valuable.	2	25.0%
(e)	Extremely valuable.	2	25.0%
	Not Answered	4	50.0%



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.	2	25.0%
(e)	Extremely well organized and excellent.	0	0.0%
	Not Answered	6	75.0%



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

- I think the projects were very real-world and applicable to the field of digital imaging and the processing of images. Oral examinations are different and difficult, but definitely focus on understanding the concepts and backgrounds and not just on the ability to apply or memorize equations which are readily available in the real world.
- I appreciate that you are enthusiastic about the subject and are open to new ideas, ways of doing things and exploring the subject spontaneously.
  - Course instruction was great. Projects were great.
- Carl's enthusiasm and interest in the material is unparalleled. This is the class that I feel I have learned the most from in Imaging Science so far. His presentation was so good in fact, as I was watching the class, my husband who is doing his Masters in EE at RIT, would sit down and just watch it with me because it was so interesting and well-taught.
- A lot of hands on projects and freedom to explore different techniques. Exposed the students to the most recent and innovative techniques in the field.
  - I appreciated the real-world tie-ins (CFA demosaicking, JPEG2000, etc.). The slides and explanations were very clear.

- The distillation of all mathematical concepts to plain english

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

- There was a very strong focus on remote sensing, which does transfer well, but I think looking at other sources of digital images that are processed would improve the breadth of this class.

- Some of the material was difficult to follow because it was not in the text. I'm not sure how to do it, but text to fill in the details between PowerPoint slides would be most helpful. We had some of this but more would be better.

- This class for an online class was at times difficult because if you get stuck programming and you aren't very proficient you were often stuck mulling the problem over until the prof responded via email. I'm not sure how this could be improved but I often had problems with the project not because I didn't understand the material but because I had a programming problem and no one else to ask.

- Please give ten-minute breaks! You cover a lot of material and it's definitely needed.

- The design of the Final project was flawed. The computational resources factor was not taken into account. It assumed that all the students had access to exceptionally powerful computational resources. Since this project is such an important part of the grading it should be more carefully designed, so the student can succeed regardless of the level of technology available to him/her.

- I was hoping to learn more about state-of-the-art image processing programming libraries. MATLAB and IDL are great for offline analysis and prototyping, but they can't be used in deliverable software products. I could have taken the initiative with my programming assignments, but I spent far too long on the first project discovering libtiff and getting it to work for me. The C++ based "Insight Segmentation and Registration Toolkit" probably would have produced superior results for the registration and classification projects, but I don't understand enough of the underlying math to have produced a report.

- Not much - this already ranks as one of the best courses I've taken

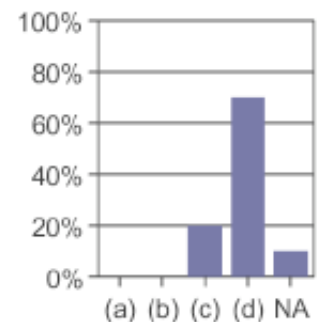
# OCE - COURSE SUMMARY REPORT

Instructor 1: Salvaggio, Carl  
Course: 1051-782-01 Intro To Dig Img Process  
Quarter: 20073  
Total responses: 10

## PART 1

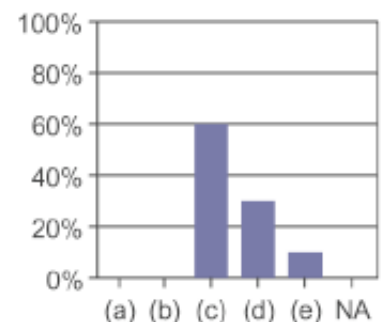
1) Your initial desire to take this course was: (9 answered)

option	text	number	percent
(a)	none at all	0	0.0%
(b)	slight	0	0.0%
(c)	moderate	2	20.0%
(d)	strong	7	70.0%
	Not Answered	1	10.0%



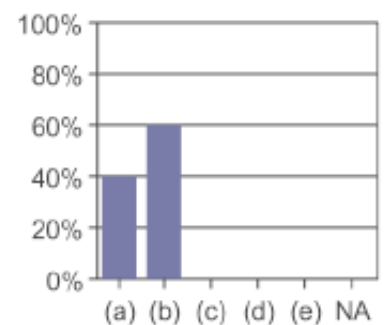
2) For your background and ability, this course was: (10 answered)

option	text	number	percent
(a)	very elementary	0	0.0%
(b)	somewhat elementary	0	0.0%
(c)	about right	6	60.0%
(d)	somewhat difficult	3	30.0%
(e)	very difficult	1	10.0%
	Not Answered	0	0.0%



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

option	text	number	percent
(a)	A	4	40.0%
(b)	B	6	60.0%
(c)	C	0	0.0%
(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	0	0.0%
(d)	Above average	2	20.0%
(e)	Best possible rating	8	80.0%
	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	0	0.0%
(d)	Above average	2	20.0%
(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	0	0.0%
(d)	Above average	4	40.0%
(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	0	0.0%

(d)	Above average	4	40.0%
(e)	Best possible rating	6	60.0%
	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	0	0.0%
(d)	Above average	1	10.0%
(e)	Best possible rating	9	90.0%
	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? (6 answered)

option	text	number	percent
(a)	Of little value.	0	0.0%
(b)	Somewhat valuable.	0	0.0%
(c)	Moderately valuable.	1	10.0%
(d)	Very valuable.	3	30.0%
(e)	Extremely valuable.	2	20.0%
	Not Answered	4	40.0%

10) Concerning the organization of the laboratory, the materials, supplies, and room were usually: (5 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	10.0%
(d)	Well organized and more than adequate.	1	10.0%
(e)	Extremely well organized and excellent.	3	30.0%
	Not Answered	5	50.0%

11) Your instructor would like to know what you think s/he has done especially well in teaching this course. (5 answered)

I really enjoyed the demonstrations (e.g. IDL/ENVI, programs, looking at imagery, etc). This really helped to tie the material to real world applications. Dr. Salvaggio is one of the best professors I've had at RIT. I hope to have him again for another IS course.

During this course, I could learn overall image processing concepts from image acquisition to multi spectral image processing. It was very helpful and interesting. Examples and sample codes were very helpful to understand.

- More information than the undergraduate course (guess who)

Lab project assignments were appropriately weighted due to their required heavy time commitment. Exams were fair and relevant to course material. Review sessions were very valuable and well prepared.

- The website availability of all course slides at the beginning of the quarter was definitely helpful, and saved students time throughout quarter with downloading/printing of slides.

Having the course notes and assignments available from day one was extremely helpful, and the professor should be commended! This level of

- organization should be required of every instructor! The enthusiasm of the instructor for the subject was also wonderful, and helped greatly in communicating the course material.

12) Your instructor would like to know what should be done to improve the teaching of this course. (5 answered)

- Nothing comes to mind, this was a great course and excellent professor.

Add lecture about image communication e.g progressive coding, layered etc. Two lectures doing student presentations about the watermarking seems a bit too much.

- Not enough courses taught outside
- Slides, project assignments, reference papers, and dropbox for projects should be placed on myCourses vs. separate website.

A few end-to-end problems outside the slides for each major subject would be very helpful in learning the material. For instance: Although an exam question tested for knowledge of maximum likelihood, there were no example problems to verify our understanding. An at least partial list of subjects and algorithms that should be known for the tests would be nice. There are numerous variations to many of the processes covered, and not enough time nor reason to learn them all (especially if they are now obsolete).

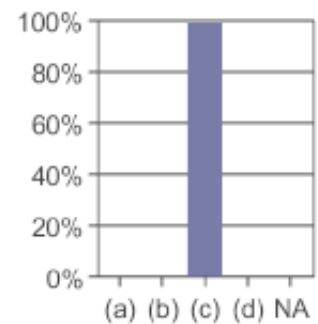
# OCE - COURSE SUMMARY REPORT

Instructor 1: Salvaggio, Carl  
Course: 1051-782-90 Intro To Dig Img Process  
Quarter: 20073  
Total responses: 1

## PART 1

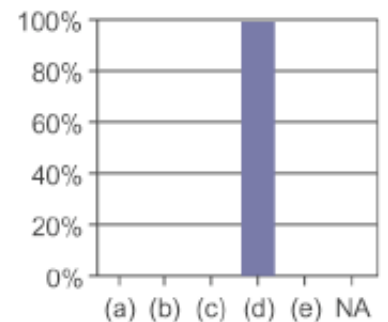
1) Your initial desire to take this course was: (1 answered)

option	text	number	percent
(a)	none at all	0	0.0%
(b)	slight	0	0.0%
(c)	moderate	1	100.0%
(d)	strong	0	0.0%
	Not Answered	0	0.0%



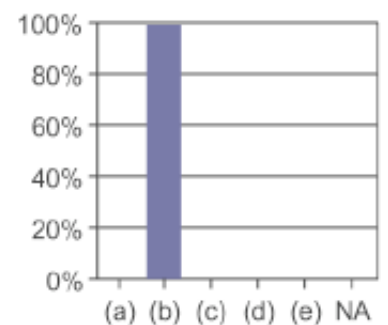
2) For your background and ability, this course was: (1 answered)

option	text	number	percent
(a)	very elementary	0	0.0%
(b)	somewhat elementary	0	0.0%
(c)	about right	0	0.0%
(d)	somewhat difficult	1	100.0%
(e)	very difficult	0	0.0%
	Not Answered	0	0.0%



3) What grade do you expect to receive in this course? (1 answered)

option	text	number	percent
(a)	A	0	0.0%
(b)	B	1	100.0%
(c)	C	0	0.0%
(d)	D	0	0.0%
(e)	F	0	0.0%
	Not Answered	0	0.0%



4) How concerned was the instructor that students learn? (1 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	100.0%
(e)	Best possible rating	0	0.0%
	Not Answered	0	0.0%

5) How much did the instructor stimulate your thinking and interest in the subject? (1 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	1	100.0%
	Not Answered	0	0.0%

6) How effective was the method of presentation of the course material? (1 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	100.0%
(e)	Best possible rating	0	0.0%
	Not Answered	0	0.0%

7) What is your overall rating of this course? (1 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	100.0%
(e)	Best possible rating	0	0.0%
	Not Answered	0	0.0%

8) What is your overall rating of this instructor? (1 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	1	100.0%
	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? (1 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.	1	100.0%
(e)	Extremely valuable.	0	0.0%
	Not Answered	0	0.0%

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.	1	100.0%
(d)	Well organized and more than adequate.	0	0.0%
(e)	Extremely well organized and excellent.	0	0.0%
	Not Answered	0	0.0%

11) Your instructor would like to know what you think s/he has done especially well in teaching this course. (1 answered)

- Teaching style and attitude are top notch. Genuine interest in material shows in presentation. Great professor.

12) Your instructor would like to know what should be done to improve the teaching of this course. (1 answered)

- TA grading of projects inconsistent at best. No emphasis on coding work, entire focus was on report with huge grading implications regardless of project success. (was penalized 33% because one part of one section of the report was insufficient. This seems ridiculous for a 3 week coding project.)
-

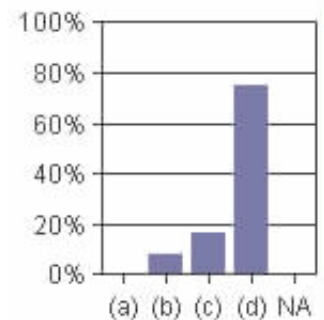
# OCE - COURSE SUMMARY REPORT

Instructor 1: Salvaggio, Carl  
Course: 1051-782-01 Intro To Dig Img Process  
Quarter: 20083  
Total responses: 12

## PART 1

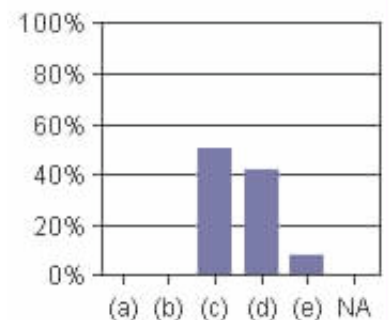
1) Your initial desire to take this course was: (12 answered)

option	text	number	percent
(a)	none at all	0	0.0%
(b)	slight	1	8.3%
(c)	moderate	2	16.7%
(d)	strong	9	75.0%
	Not Answered	0	0.0%



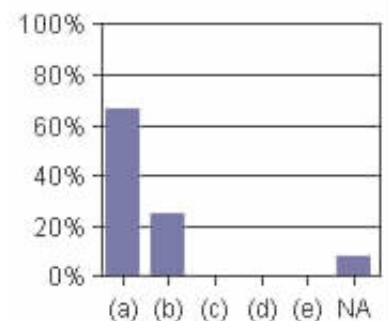
2) For your background and ability, this course was: (12 answered)

option	text	number	percent
(a)	very elementary	0	0.0%
(b)	somewhat elementary	0	0.0%
(c)	about right	6	50.0%
(d)	somewhat difficult	5	41.7%
(e)	very difficult	1	8.3%
	Not Answered	0	0.0%



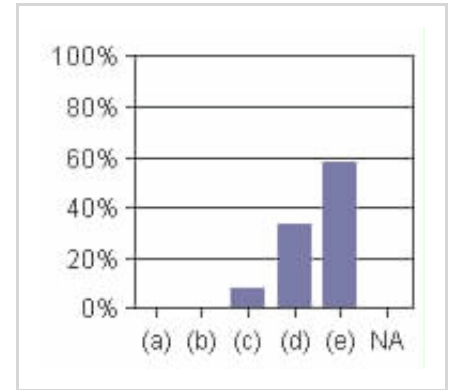
3) What grade do you expect to receive in this course? (11 answered)

option	text	number	percent
(a)	A	8	66.7%
(b)	B	3	25.0%
(c)	C	0	0.0%
(d)	D	0	0.0%
(e)	F	0	0.0%
	Not Answered	1	8.3%



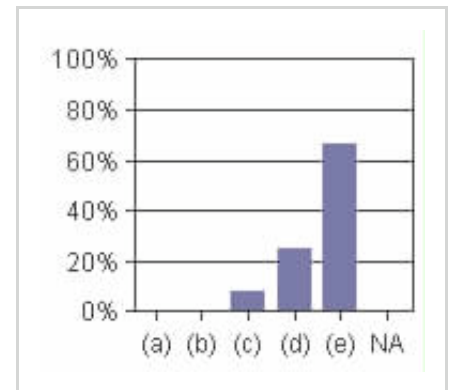
4) How concerned was the instructor that students learn? (12 answered)

option	text	number	percent
(a)	Worst possible rating	0	0.0%
(b)	Below average	0	0.0%
(c)	Average	1	8.3%
(d)	Above average	4	33.3%
(e)	Best possible rating	7	58.3%
	Not Answered	0	0.0%



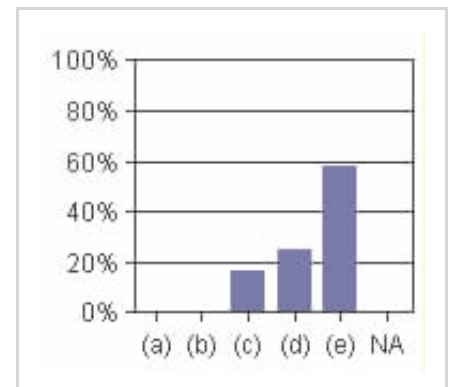
5) How much did the instructor stimulate your thinking and interest in the subject? (12 answered)

option	text	number	percent
(a)	Worst possible rating	0	0.0%
(b)	Below average	0	0.0%
(c)	Average	1	8.3%
(d)	Above average	3	25.0%
(e)	Best possible rating	8	66.7%
	Not Answered	0	0.0%



6) How effective was the method of presentation of the course material? (12 answered)

option	text	number	percent
(a)	Worst possible rating	0	0.0%
(b)	Below average	0	0.0%
(c)	Average	2	16.7%
(d)	Above average	3	25.0%
(e)	Best possible rating	7	58.3%
	Not Answered	0	0.0%

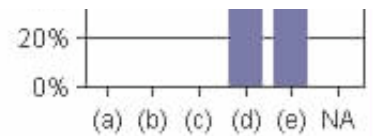


7) What is your overall rating of this course? (12 answered)

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

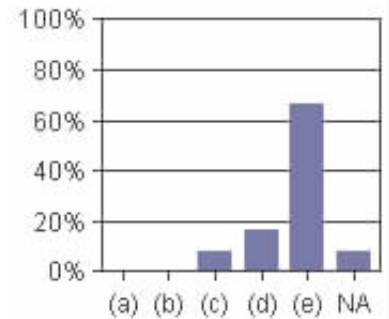


(d)	Above average	5	41.7%
(e)	Best possible rating	7	58.3%
	Not Answered	0	0.0%



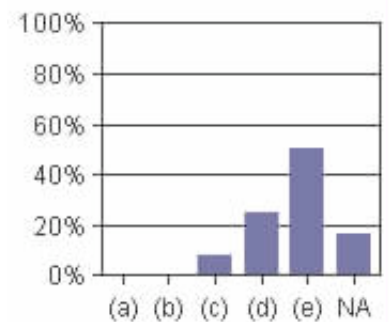
8) What is your overall rating of this instructor? (11 answered)

option	text	number	percent
(a)	Worst possible rating	0	0.0%
(b)	Below average	0	0.0%
(c)	Average	1	8.3%
(d)	Above average	2	16.7%
(e)	Best possible rating	8	66.7%
	Not Answered	1	8.3%



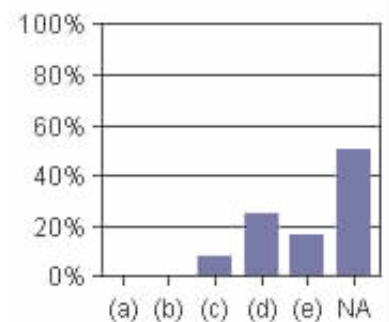
9) In general, were the laboratory experiments of value either in developing techniques and experience or in contributing to understanding the subject? (10 answered)

option	text	number	percent
(a)	Of little value.	0	0.0%
(b)	Somewhat valuable.	0	0.0%
(c)	Moderately valuable.	1	8.3%
(d)	Very valuable.	3	25.0%
(e)	Extremely valuable.	6	50.0%
	Not Answered	2	16.7%



10) Concerning the organization of the laboratory, the materials, supplies, and room were usually: (6 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	8.3%
(d)	Well organized and more than adequate.	3	25.0%
(e)	Extremely well organized and excellent.	2	16.7%
	Not Answered	6	50.0%



11) Your instructor would like to know what you think s/he has done especially well in teaching this course. (5 answered)

Awesome job presenting the material, keeping students engaged, and consistently answering the question "why do we care about this in real life?" It was good that he was available for extra help and clarification of class material.

- Obvious knowledge of course content was impressive. The professor showed true care for the students, learning, and the topic matter.

The material was presented in a way that was easy to understand. Prof.

- Salvaggio did a great job relating the material and techniques to "real world" applications. I really enjoyed attending lecture and often rewatched the lectures online.
- Good use of breaks. Well organized material into separate topics. Did not over-load the course.
- Great examples and dialog with class. Gets excited to discuss topics presented by class.

12) Your instructor would like to know what should be done to improve the teaching of this course. (4 answered)

Re-consider the spacing between labs. I felt like some of them had lots

- of time for completion, while some (the very last one) came pretty quick for the amount of work required.

The final project was a little tedious when done in Matlab. Considering

- that most people were using Matlab, a routine for importing data (pixel locations for ROI etc.) from ENVI would have been useful.

I liked the coding experiments the most. The only failure of the course was that there was some overlap between remote sensing and this class;

- however, the last coding exercise was really helpful. I would suggest more detailed discussion on Wavelet and morphological methods be covered in the course.

Some of the labs were frustrating as small details will keep them from

- working. This used lots of time, and made getting the whole lesson difficult.

13) In what ways did the content of this course build on or integrate material from previous or prerequisite courses in the curriculum? (2 answered)

- This course combined several elements of the digital imaging math class and the remote sensing class in a great way.
- Build on DIM.

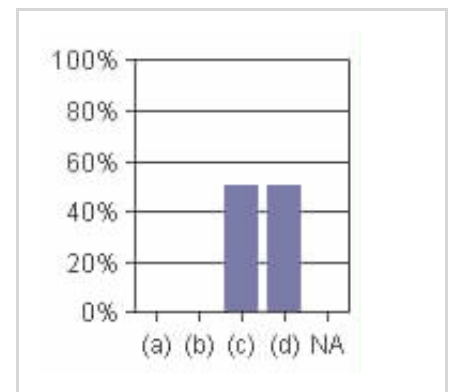
# OCE - COURSE SUMMARY REPORT

Instructor 1: Salvaggio, Carl  
Course: 1051-782-90 Intro To Dig Img Process  
Quarter: 20083  
Total responses: 2

## PART 1

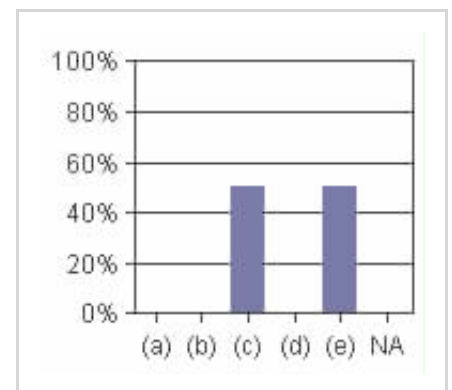
1) Your initial desire to take this course was: (2 answered)

option	text	number	percent
(a)	none at all	0	0.0%
(b)	slight	0	0.0%
(c)	moderate	1	50.0%
(d)	strong	1	50.0%
	Not Answered	0	0.0%



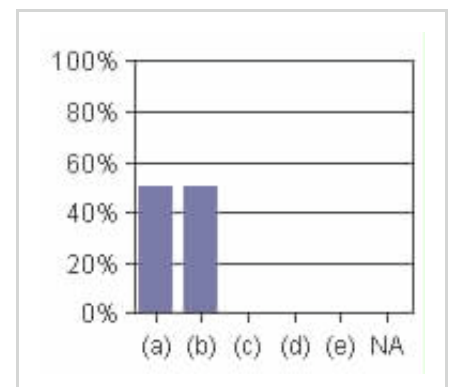
2) For your background and ability, this course was: (2 answered)

option	text	number	percent
(a)	very elementary	0	0.0%
(b)	somewhat elementary	0	0.0%
(c)	about right	1	50.0%
(d)	somewhat difficult	0	0.0%
(e)	very difficult	1	50.0%
	Not Answered	0	0.0%



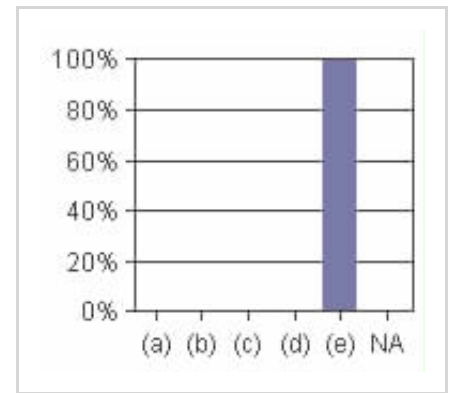
3) What grade do you expect to receive in this course? (2 answered)

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



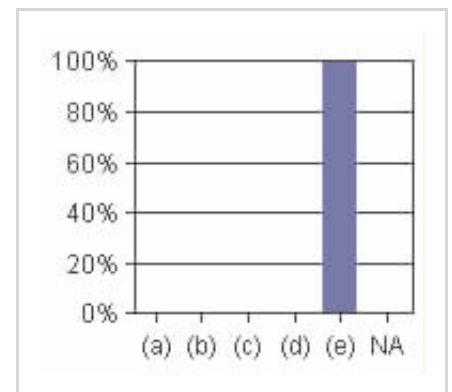
4) How concerned was the instructor that students learn? (2 answered)

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	2	100.0%
	Not Answered	0	0.0%



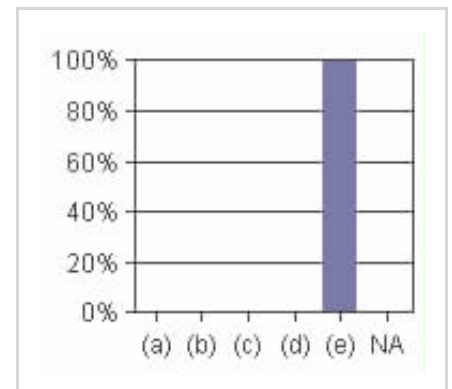
5) How much did the instructor stimulate your thinking and interest in the subject? (2 answered)

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	2	100.0%
	Not Answered	0	0.0%



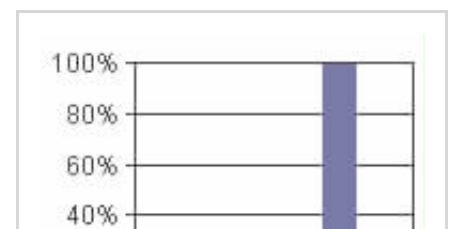
6) How effective was the method of presentation of the course material? (2 answered)

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	2	100.0%
	Not Answered	0	0.0%

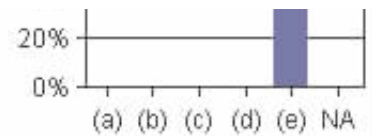


7) What is your overall rating of this course? (2 answered)

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

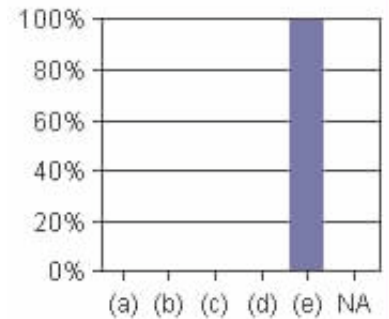


(d)	Above average	0	0.0%
(e)	Best possible rating	2	100.0%
	Not Answered	0	0.0%



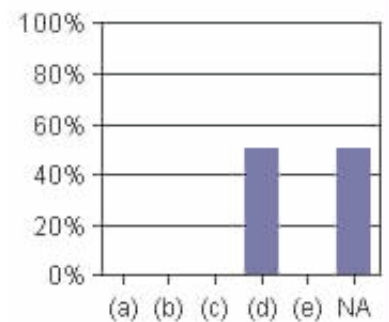
8) What is your overall rating of this instructor? (2 answered)

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	2	100.0%
	Not Answered	0	0.0%



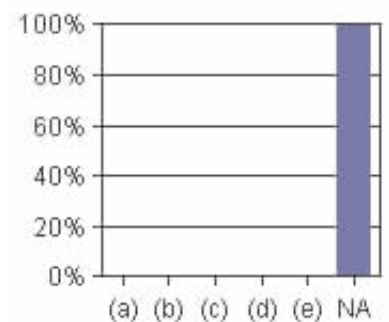
9) In general, were the laboratory experiments of value either in developing techniques and experience or in contributing to understanding the subject? (1 answered)

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.	1	50.0%
(e)	Extremely valuable.	0	0.0%
	Not Answered	1	50.0%



10) Concerning the organization of the laboratory, the materials, supplies, and room were usually: (0 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.	0	0.0%
	Not Answered	2	100.0%



11) Your instructor would like to know what you think s/he has done especially well in teaching this course. (1 answered)

Carl was awesome about answering questions (via e-mail) quickly and straightforwardly. Had he not been so good about answering my questions over the weekend, when I had time to work on my projects, I

- would probably have failed this course. The class material was well prepared, and I liked the various demos and examples that were shown. Prior classes I had taken were light on the examples, and they make a huge difference to aid in understanding.

12) Your instructor would like to know what should be done to improve the teaching of this course. (1 answered)

The grading of the projects was inconsistent and disproportional to the amount of work involved in a project. The last project, I would have legitimately expected to receive a B grade, since I did not correctly compute the confusion matrices the project instructions required, yet I received 95%. For the 3rd project, the only comment on my paper was

- that I did not write down the formula for the PSNR, and I received 95%. It does not seem to me that one formula, that was obviously computed and used, but not specifically written out, is worth 5% of the project. Especially since the code generated for a project generally took on the order of 2-3 weeks to complete. (The TA was the one actually grading the projects.)

13) In what ways did the content of this course build on or integrate material from previous or prerequisite courses in the curriculum? (1 answered)

DIP built on things learned from digital imaging math, and tied things together in a practical way. I believe DIM was the only pre-req for this

- course. The course material for DIP was not overly difficult, but my lack of coding experience made the implementation of the projects very difficult for my background.