



## **Individual Report - Spring 2014 for CSCI 688-01 28320 Combinatorial Optimization (Frans Schalekamp)**

### **Arts & Sciences Student Course Evaluations Spring 2014**

Project Audience 12

Responses Received 9

Response Ratio 75.00%

**Creation Date** Fri, May 09, 2014

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## Computer Science (CSCI) Summary

Question	This Course				This Instructor				This Evaluation Form			
	Mean	Median	Response Count	Standard Deviation	Mean	Median	Response Count	Standard Deviation	Mean	Median	Response Count	Standard Deviation
Were expectations made clear by the instructor in assignments and test?	4.44	5.00	9	0.88	4.44	5.00	9	0.88	3.95	4.00	414	0.99
Were tests & assignments given representative of materials?	4.88	5.00	8	0.35	4.88	5.00	8	0.35	4.12	4.00	413	0.95
Was grading fair and consistent?	4.67	5.00	9	0.50	4.67	5.00	9	0.50	3.96	4.00	411	1.06
Were helpful comments made in evaluating tests and graded work?	4.22	4.00	9	0.67	4.22	4.00	9	0.67	3.64	4.00	414	1.24
Was the instructor receptive to questions and approachable for help?	5.00	5.00	9	0.00	5.00	5.00	9	0.00	4.10	4.00	413	1.11
How well was the instructor prepared for class?	4.89	5.00	9	0.33	4.89	5.00	9	0.33	4.21	5.00	413	1.04
How well did the instructor know the subject material?	4.89	5.00	9	0.33	4.89	5.00	9	0.33	4.44	5.00	413	0.86
Rate the usefulness of the text.	3.50	3.50	8	0.53	3.50	3.50	8	0.53	3.58	4.00	410	1.12
Rate course difficulty compared to other W&M courses.	3.89	4.00	9	0.78	3.89	4.00	9	0.78	3.41	3.00	414	0.92
How would you rate this instructor's overall teaching effectiveness?	4.78	5.00	9	0.44	4.78	5.00	9	0.44	3.87	4.00	414	1.13
<b>Overall</b>	4.52	-	-	-	4.52	-	-	-	3.93	-	-	-

### Were expectations made clear by the instructor in assignments and test?

Options	Score	Count	Percentage
Poor	1	0	0.00%
Fair	2	0	0.00%
Average	3	2	22.22%
Good	4	1	11.11%
Excellent	5	6	66.67%

Statistics	Value
Response Count	9
Mean	4.44
Median	5.00
Standard Deviation	+/-0.88

### Were tests & assignments given representative of materials?

Options	Score	Count	Percentage
Poor	1	0	0.00%
Fair	2	0	0.00%
Average	3	0	0.00%
Good	4	1	12.50%
Excellent	5	7	87.50%

Statistics	Value
Response Count	8
Mean	4.88
Median	5.00
Standard Deviation	+/-0.35

### Was grading fair and consistent?

Options	Score	Count	Percentage
Poor	1	0	0.00%
Fair	2	0	0.00%
Average	3	0	0.00%
Good	4	3	33.33%
Excellent	5	6	66.67%

Statistics	Value
Response Count	9
Mean	4.67
Median	5.00
Standard Deviation	+/-0.50

### Were helpful comments made in evaluating tests and graded work?

Options	Score	Count	Percentage
Poor	1	0	0.00%
Fair	2	0	0.00%
Average	3	1	11.11%
Good	4	5	55.56%
Excellent	5	3	33.33%

Statistics	Value
Response Count	9
Mean	4.22
Median	4.00
Standard Deviation	+/-0.67

### Was the instructor receptive to questions and approachable for help?

Options	Score	Count	Percentage
Poor	1	0	0.00%
Fair	2	0	0.00%
Average	3	0	0.00%
Good	4	0	0.00%
Excellent	5	9	100.00%

Statistics	Value
Response Count	9
Mean	5.00
Median	5.00
Standard Deviation	+/-0.00

### How well was the instructor prepared for class?

Options	Score	Count	Percentage
Poor	1	0	0.00%
Fair	2	0	0.00%
Average	3	0	0.00%
Good	4	1	11.11%
Excellent	5	8	88.89%

Statistics	Value
Response Count	9
Mean	4.89
Median	5.00
Standard Deviation	+/-0.33

### How well did the instructor know the subject material?

Options	Score	Count	Percentage
Poor	1	0	0.00%
Fair	2	0	0.00%
Average	3	0	0.00%
Good	4	1	11.11%
Excellent	5	8	88.89%

Statistics	Value
Response Count	9
Mean	4.89
Median	5.00
Standard Deviation	+/-0.33

### Rate the usefulness of the text.

Options	Score	Count	Percentage
Poor	1	0	0.00%
Fair	2	0	0.00%
Average	3	4	50.00%
Good	4	4	50.00%
Excellent	5	0	0.00%

Statistics	Value
Response Count	8
Mean	3.50
Median	3.50
Standard Deviation	+/-0.53

### Rate course difficulty compared to other W&M courses.

Options	Score	Count	Percentage
Easiest	1	0	0.00%
Easy	2	0	0.00%
Average	3	3	33.33%
Difficult	4	4	44.44%
Most Difficult	5	2	22.22%

Statistics	Value
Response Count	9
Mean	3.89
Median	4.00
Standard Deviation	+/-0.78

### How would you rate this instructor's overall teaching effectiveness?

Options	Score	Count	Percentage
Poor	1	0	0.00%
Below Average	2	0	0.00%
Average	3	0	0.00%
Above Average	4	2	22.22%
Excellent	5	7	77.78%

Statistics	Value
Response Count	9
Mean	4.78
Median	5.00
Standard Deviation	+/-0.44

### Please comment on the outstanding strengths/weaknesses of the instructor and the course.

Students
<p>Excellent instruction and availability; very tough topic to assign homework and tests which makes it difficult to know where you stand in the class from a grade standpoint. While a lot is learned, there are so many topics covered that if, as a student, you pause and focus on any one area for longer than 5 minutes then you lose track of the other topics, all equally hard. Also, need to find a way to inject more actual application to the topics, rather than just living in theory land.</p>
<p>Frans has an outstanding grasp of the subject matter, and he is very effective in breaking down the difficult and often abstract topics so they were easily understood by all students. He is an exceptionally patient Professor and if someone doesn't get what he's lecturing on, he will find different ways to explain the topic until everyone understands.</p>
<p>I find the method of instruction to be my favorite of any course I have taken. Traditionally the abstract and difficult topics in math are not very appealing but this material was taught in a way that engaged and fostered critical thinking and made the lectures enjoyable. I walked away from most classes still pondering the material as opposed to relieved that I was out of class.</p>
<p>The choose-your-hw structure was very appreciated - a great way to encourage us to explore areas of interest. More timely feedback on hws would have been appreciated. Great course overall.</p>
<p>I really loved the intuitive explanations of difficult topics.</p>
<p>Unfortunately, while I would theoretically understand a topic, I could not figure out how to implement it. Frans tried very hard (talked to me through loads of office hour sessions) to help me, and approached the topics in different ways, so I have a better understanding of them, but am not positive that I fully understand each of them.</p>
<p>I loved the project. It helped solidify ideas. I also really liked the concept of choosing which hw assignments and problems were</p>

most important to complete.