# C S 462-0001 Database Systems - Fall 2007

School Of Engineering And Applied Science (902ne)

INSTRUCTORS: Sherriff, Mark (mss2x)

Respondents: 42 / Enrollment: 45

#### Summary: C S 462-0001 Database Systems - Fall 2007 (902ne)

### **Overall Course Rating**

C S-462-0001 Mean 4.06 C S-462-0001 Std Dev 0.82 C S-462-0001 Response Count 210

Difference from Category Mean, Expressed in Category Standard Deviations

0.06

#### **Overall Instructor Rating**

INSTRUCTOR: Sherriff, Mark Mean 4.54 Std Dev 0.57 Response Count 288

Difference from Category Mean, Expressed in Category Standard Deviations

----0.38

SEAS, 400-level courses Mean 4.00

SEAS, 400-level courses Std Dev 0.97 SEAS, 400-level courses Response Count 7964

SEAS, 400-level courses Mean 4.21 SEAS, 400-level courses Std Dev 0.88

SEAS, 400-level courses Response Count 12766

#### ~ QUESTIONS AND DETAILS ~

#### ~ ANSWER MATRICES ~

### 1. The subject matter was challenging.

Question Type: Likert contributed by Dean of the School of Engineering and Applied Science

Results for	C S-462-00	001						
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
42	3.67	0.72	3 (7.14%)	25 (59.52%)	11 (26.19%)	3 (7.14%)	0 (0.00%)	0 (0.00%)

### 2. The objectives of the course were clearly stated and accomplished.

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

Results for C S-462-0001								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
42	4.43	0.59	20 (47.62%)	20 (47.62%)	2 (4.76%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

## 3. There was a reasonable level of effort expected for the credit hours received.

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

Results for	C S-462-0	001						
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
42	4.17	0.54	10 (23.81%)	29 (69.05%)	3 (7.14%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

## 4. The homework assignments helped me learn the subject matter.

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

Results for	C S-462-00	001						
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
42	4.52	0.55	23 (54.76%)	18 (42.86%)	1 (2.38%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

## 5. The textbook increased my understanding of the material.

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

Results for C S-462-0001									
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)	
42	3.51	1.05	5 (11.90%)	20 (47.62%)	10 (23.81%)	3 (7.14%)	3 (7.14%)	1 (2.38%)	

#### 6. The course material was well organized and developed.

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

Results for	Results for C S-462-0001, Sherriff, Mark							
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
42	4.52	0.51	22 (52.38%)	20 (47.62%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

~ QUESTIONS AND DETAILS ~				~ ANS	WER MATR	ICES ~				
7. The instructor was knowledgeable	Results for	C S-462-0	001, Sherrif	f, Mark						
about the subject matter.	Total	Mean	Std Dev	Strongly	Agree	Neutral	Disagree			Not
Question Type: Likert				Agree (5)	(4)	(3)	(2)	Disag (1		Applicab (NA)
contributed by Dean of the School of Engineering	41	4.76	0.43	31 (75.61%)	10 (24.39%)	0 (0.00%)	0 (0.00%)	(0.00		0 (0.00%
and Applied Science				(73.0170)	(24.5570)	(0.0070)	(0.0070)	(0.00	570)	(0.0070)
8. The instructor was well prepared for class.	Results for									
~	Total	Mean	Std Dev	Strongly Agree	Agree (4)	Neutral (3)	Disagree (2)	Stror Disag		Not Applicab
Question Type: Likert	40	4.62	0.49	(5) 25	15	0	0	(1		(NA) 0
contributed by Dean of the School of Engineering and Applied Science	40	4.02	0.49	(62.50%)	(37.50%)	(0.00%)	(0.00%)	(0.00		(0.00%
9. The instructor (not Teaching	Results for	C S-462-0	001 Sherrif	f Mark						
Assistants) was accessible for individual	Total	Mean	Std Dev	Strongly	Agree	Neutral	Disagree	Stror	ngly	Not
assistance.				Agree (5)	(4)	(3)	(2)	Disag (1		Applicati (NA)
Question Type: Likert	41	4.38	0.78	21	13	4 (9.76%)	1 (2.440()	0	1	2
contributed by Dean of the School of Engineering and Applied Science				(51.22%)	(31.71%)	(9.76%)	(2.44%)	(0.00	J%)	(4.88%
10. The grading policy was fair.	Results for	C S-462-0	001, Sherrif	f. Mark						
Question Type: Likert	Total	Mean	Std Dev	Strongly	Agree	Neutral	Disagree			Not
contributed by Dean of the School of Engineering				Agree (5)	(4)	(3)	(2)	Disag (1		Applicat (NA)
and Applied Science	42	4.52	0.55	23 (54.76%)	18 (42.86%)	1 (2.38%)	0 (0.00%)	0.00 (0.00		0 (0.00%
11. The instructor responded										
11. The instructor responded adequately to in-class questions.	Results for Total	C S-462-0 Mean	001, Sherrif	, Mark Strongly	Agree	Neutral	Disagree	Stror	adv	Not
Question Type: Likert	Total	Wican	Old Bev	Agree (5)	(4)	(3)	(2)	Disag	gree	Applicat (NA)
contributed by Dean of the School of Engineering	41	4.56	0.50	23	18	0	0	0	_	0
and Applied Science				(56.10%)	(43.90%)	(0.00%)	(0.00%)	(0.00	0%)	(0.00%
12. As a teacher, this instructor was	Results for	C S-462-0	001, Sherrif	f, Mark						
better than most others in this School.	Total	Mean	Std Dev	Strongly	Agree (4)	Neutral	Disagree (2)	Stror		Not Applicat
Question Type: Likert				Agree (5)	(4)	(3)	(2)	(1		(NA)
contributed by Dean of the School of Engineering and Applied Science	41	4.39	0.63	18 (43.90%)	22 (53.66%)	(0.00%)	1 (2.44%)	(0.00		0 (0.00%
13. The average number of hours per	D 1 (	0.0.400.0	224							
week I spent outside of class preparing for this course was:	Results for Total		ss than 1	1 - 3		4 - 6	7 - 9		10	or more
~	42		(NA) 3	(NA) 28		(NA) 8	(NA 2	.)		(NA) 1
Question Type: Multiple Choice	72	(	(7.14%)	(66.67%	%) (·	19.05%)	(4.76	%)	(2	2.38%)
contributed by Office of the Provost										
14. I learned a great deal in this course.	Results for	C S-462-0	001							
Question Type: Likert	Total	Mean	Std D	ev Stror Agr		gree (4)	Neutral (3)	Disagre (2)	ee	Strongly Disagre
~	40	4.5.		(5	5)					(1)
contributed by Office of the Provost	42	4.31	0.60	) 16 (38.1	0%) (54	23 .76%)	3 (7.14%)	0.00%	5)	0 (0.00%)
contributed by Office of the Provost										
contributed by Office of the Provost  15. Overall, this was a worthwhile	Results for	C S-462-0	001							
	Results for Total	C S-462-0 Mean	001 Std D		ngly A		Neutral	Disagre	ee	
15. Overall, this was a worthwhile				ev Stror Agr (5	ee	gree (4)	Neutral (3)	Disagre (2)	ее	Strongly Disagree (1)

# ~ QUESTIONS AND DETAILS ~

#### ~ ANSWER MATRICES ~

# 16. The course's goals and requirements were defined and adhered to by the instructor.

Question Type: Likert

contributed by Office of the Provost

Results for 0	C S-462-0001	, Sherriff, Ma	rk				
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
42	4.52	0.51	22 (52.38%)	20 (47.62%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

# 17. The instructor was approachable and made himself/herself available to students outside the classroom.

Question Type: Likert

contributed by Office of the Provost

Results for (	C S-462-0001	, Sherriff, Ma	rk				
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
42	4.40	0.70	21 (50.00%)	18 (42.86%)	2 (4.76%)	1 (2.38%)	0 (0.00%)

# 18. Overall, the instructor was an effective teacher.

Question Type: Likert

contributed by Office of the Provost

Results for 0	C S-462-0001	, Sherriff, Ma	rk				
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
42	4.45	0.67	22 (52.38%)	18 (42.86%)	1 (2.38%)	1 (2.38%)	0 (0.00%)

# 19. Please make any overall comments or observations about this course:

Question Type: Short Answer

Results for C S-	462-0001
Total	Individual Answers
18	See below for Individual Results

I wish there were more homework assignments to practice on things like 3NF, BCNF and B+ trees

Great class, very worthwhile but I would have liked intermediate deleveries for the course project

I LOVED THIS CLASS!!!! Prof. Sherriff made this class very fun and entertaining. It was because of his "comical" skills that I enjoyed going to this class and doing the work. I recommend anybody to take any class taught by Prof. Sherriff!!!

I think Sherriff is a valuable addition to the CS department. When I heard that he has to teach CS150 next semester I was mad, because I feel as though its a waste of talent, and that he should teach at least a 200 level class.

Very well taught and organized class.

Fantastic course and professor. Wish more professors were like him.

You rock!

The project was very helpful for learning the material and also fun at the same time. Prof. Sherriff was one of the better teachers I've had at UVa.

Great course. One of the most useful classes I've taken at the University. I feel like I can actually apply what I've learned.

Would've been helpful to have more notes available in digital form (I know this was planned because of the wiki). Otherwise, this was a great class. Mark is great at keeping the class interested through humor despite the boring nature of some of the material.

One of the best professors I've had. Made going to class enjoyable. Class lectures were well developed

I thought Professor Sherriff did a good job teaching this course. It was interesting and I feel that I learned a lot. The only thing I would say is that he assumed that everyone knows most things about computers and it would have been helpful to get more explanation on some things.

This was absolutely an amazing class! The professor tried to make every learning experience a fun and useful one. He had excellent examples to relay the information to the students and they were easy to follow. I feel, however, that some of my classmates did not respect him as much because he treated us as equals. I would not change this though because it made it such a great class. I would definitely recommend this class and this professor to anyone who wants to learn about databases and have a great teacher. It is upsetting though that he is being wasted on teaching such a lower course next semester

#### ~ QUESTIONS AND DETAILS ~

#### ~ ANSWER MATRICES ~

Mr. Sherriffs class is such a refreshing change from the monotony that has become Computer Sciences courses. I was always eager to attend his class in the afternoons, even on the heels of two other classes. I felt relaxed in his classroom, as I think he relates to students very well with his sportive and energetic demeanor. Also, he took a different approach than most instructors by actually having us work on problems in groups in class. While this took up some class time, I found it very valuable because we subsequently discussed the solutions as a class. Also, the year end project was fun, challenging, and informative.

Mark Sherriff was a wonderful instructor. He has a teaching style that really engages the class. Sherriff promoted in class discussions which actually made me think about subject matter, so I actually learned more in class. In class activities were used to test out material that we had just learned, so if we were not sure about a concept we could test ourselves. He always made sure to check and see if we did understand key concepts before moving on. The end of the semester project was a wonderful way to tie in all that we had learned. The idea was that of being in a job situation, and given a database scenario, plain and simple what do you do? It was a great way to see how far we had come since the beginning. Also during class he walked around and talked to everyone to make sure for himself that we were actually applying the lesson in our in class activities and discussions. I think as a teacher he was excellent, and have told any of my friends curious about CS to take 150 with Sherriff.

I signed up for databases hoping to learn a great deal about PHP and web development using databases, but it was more focused on the theory. This is fine, just not what I was aiming for when taking the class. I was a little disappointed that we spent one day on PHP and JSP and then moved on, because I feel that I am a bit under prepared for the project, and after finishing this course, still won't know enough to effectively use databases in a real-world setting. Overall, the course was very well run and organized. Professor Sherriff was extremely knowledgeable in the subject matter and answering questions. He turned exams and homeworks around faster than any Professor I've had at UVA, which I respect greatly. Definitely one of the best CS professors in the department in terms of relaying his knowledge of the subject to the students. My only recommendation is maybe spending more time on real world application of databases. Mini assignments with PHP (like the E.C. assignment) could be useful. I especially enjoyed the SQL injection practice. Overall, definitely one of the better electives and courses I've taken in the CS department and at UVA.

Most of the material after SQL did not seem relevant, severely duplicated other courses such as operating systems, or was trivially easy. Would have preferred more information that was relevant to our project. I felt completely unprepared for some of the issues that arose while working on my project. Normal forms was way too theoretical... you needed to include specific examples of tables and the relationships they might have had. More complex SQL commands/examples would have been helpful for the project... views, triggers, procedures, etc. More time for project after classes were over (into exam period) would have been nice.

CS340 should be replaced by this class. The design of a web-based application is much more applicable to real life situations that students may encounter then building a robot system. Also the project was much more intense the 340 project could (and in most cases was) done in a single weekend. Some groups did do the database project in one weekend but they regretted it.