### C S 101-0001 Intro To Computer Science - Fall 2006

School Of Engineering And Applied Science (600bn)

INSTRUCTORS: Bloomfield, Aaron S. (asb2t)

Respondents: 149 / Enrollment: 169

### Summary: C S 101-0001 Intro To Computer Science - Fall 2006 (600bn)

### **Overall Course Rating**

C S-101-0001 Mean 3.80 C S-101-0001 Std Dev 1.09 C S-101-0001 Response Count 743

Difference from Category Mean, Expressed in Category Standard Deviations

0.05

### **Overall Instructor Rating**

INSTRUCTOR: Bloomfield, Aaron S.

Mean 4.31 Std Dev 0.81

Response Count 1041

Difference from Category Mean, Expressed in

----Category Standard Deviations 0.34

SEAS, 100-level courses Mean 3.74

SEAS, 100-level courses Std Dev 1.05 SEAS, 100-level courses Response Count 7898

SEAS, 100-level courses Mean 3.96 SEAS, 100-level courses Std Dev 1.02 SEAS, 100-level courses Response Count 11982

### ~ 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 5-101-00	JUT						
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
149	4.04	0.92	49 (32.89%)	71 (47.65%)	14 (9.40%)	13 (8.72%)	1 (0.67%)	1 (0.67%)

Results for SEAS, 100-level courses									
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)	
1582	3.71	1.00	336 (21.24%)	686 (43.36%)	348 (22.00%)	163 (10.30%)	42 (2.65%)	7 (0.44%)	

### 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-101-0001										
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)		
148	4.07	0.78	40 (27.03%)	86 (58.11%)	15 (10.14%)	4 (2.70%)	2 (1.35%)	1 (0.68%)		

Results for SEAS, 100-level courses									
	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
	1577	3.97	0.92	451 (28.60%)	782 (49.59%)	211 (13.38%)	98 (6.21%)	31 (1.97%)	4 (0.25%)

### 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-101-0001										
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)		
149	3.91	1.13	51 (34.23%)	62 (41.61%)	14 (9.40%)	13 (8.72%)	8 (5.37%)	1 (0.67%)		

Results for SEAS, 100-level courses									
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)	
1583	3.94	0.96	437 (27.61%)	810 (51.17%)	172 (10.87%)	114 (7.20%)	42 (2.65%)	8 (0.51%)	

Not

Applicable

(NA)

(0.68%)

Not

Applicable

(NA)

58

(3.68%)

Not

Applicable

(NA)

(2.68%)

Not Applicable

(NA)

235

(14.86%)

Not

Applicable

(NA)

(0.67%)

Not

Applicable

(NA)

41

(2.40%)

Not

Applicable

(NA)

(0.68%)

Applicable (NA)

103

(6.01%)

Not Applicable

(NA)

0

(0.00%)

Not

Applicable

(NA)

141

(8.25%)

Neutral

(3)

197

(11.52%)

Disagree

(2)

(4.21%)

Strongly

Disagree (1)

31

(1.81%)

#### ~ QUESTIONS AND DETAILS ~ ~ ANSWER MATRICES ~ 4. The homework assignments helped Results for CS-101-0001 me learn the subject matter. Disagree (2) Agree (4) Total Mean Std Dev Strongly Neutral Strongly Agree (5) Disagree (3)Question Type: Likert (1) 148 4.13 0.95 56 69 12 5 contributed by Dean of the School of Engineering (46.62%) (8.11%) (3.38%)(37.84%)(3.38%)and Applied Science Results for SEAS, 100-level courses Disagree (2) Strongly Mean Std Dev Agree (4) Total Neutral Strongly Disagree (1) Agree (5) (3) 55 1575 3.83 1.03 408 266 668 120 (3.49%)(25.90%)(42.41%)(16.89%)(7.62%)5. The textbook increased my Results for CS-101-0001 understanding of the material. Agree (4) Total Mean Std Dev Strongly Neutral Disagree Strongly Agree (5) Disagree (1) (3) Question Type: Likert 149 2.83 1.10 21 40 46 contributed by Dean of the School of Engineering (3.36%)(26.85%)(30.87%)(22.15%)(14.09%) and Applied Science Results for SEAS, 100-level courses Strongly Agree (5) Agree (4) Disagree (2) Mean Std Dev Strongly Disagree Total Neutral (3)(1) 1581 3.19 390 1.15 154 446 220 136 (28.21%)(24.67%)(9.74%)(13.92%)(8.60%)6. The course material was well Results for C S-101-0001, Bloomfield, Aaron S organized and developed. Total Mean Std Dev Strongly Agree (4) Neutral Disagree (2) Strongly Disagree (1) Agree (5) (3) Question Type: Likert 149 4.28 0.82 64 69 10 3 contributed by Dean of the School of Engineering (1.34%) (42.95%) (46.31%) (6.71%)(2.01%)and Applied Science Results for SEAS, 100-level courses Agree (4) Std Dev Total Mean Strongly Neutral Disagree Strongly Agree (5) (3) Disagree (1) 1711 1.04 516 722 245 128 59 (30.16%)(42.20%)(14.32%)(7.48%)(3.45%)7. The instructor was knowledgeable Results for CS-101-0001, Bloomfield, Aaron S about the subject matter. Strongly Std Dev Disagree (2) Strongly Mean Neutral Total Agree (4) Disagree (1) Agree (5) (3) Question Type: Likert 148 4 75 0.47 112 33 n contributed by Dean of the School of Engineering (75.6<mark>8</mark>%) (22.30%) (1.35%)(0.00%) (0.00%)and Applied Science Results for SEAS, 100-level courses Disagree (2) Agree (4) Total Mean Std Dev Strongly Neutral Strongly Agree (5) Disagree (1) (3) 1713 4.24 0.90 767 559 207 25 (44.78%)(32.63%)(12.08%)(3.04%)(1.46%)8. The instructor was well prepared for Results for CS-101-0001, Bloomfield, Aaron S class. Agree (4) Std Dev Total Mean Strongly Neutral Disagree Strongly Agree (3) (2)Disagree Question Type: Likert (5) (1)149 4.70 0.53 109 35 5 0 0 contributed by Dean of the School of Engineering (3.36%)(73.15%)(23.49%)(0.00%)(0.00%)and Applied Science

Std Dev

0.95

Strongly

Agree (5)

708

(41.40%)

Agree (4)

561

(32.81%)

Results for SEAS, 100-level courses

Mean

4.17

Total

1710

### ~ QUESTIONS AND DETAILS ~

### ~ ANSWER MATRICES ~

## 9. The instructor (not Teaching Assistants) was accessible for individual assistance.

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

Results for C S-101-0001, Bloomfield, Aaron S.									
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)	
149	3.93	0.82	34 (22.82%)	61 (40.94%)	35 (23.49%)	3 (2.01%)	1 (0.67%)	15 (10.07%)	

Results for SEAS, 100-level courses								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
1711	4.04	0.87	529 (30.92%)	614 (35.89%)	327 (19.11%)	45 (2.63%)	15 (0.88%)	181 (10.58%)

### 10. The grading policy was fair.

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

Results for C S-101-0001, Bloomfield, Aaron S.									
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)	
148	4.08	0.88	51 (34.46%)	70 (47.30%)	16 (10.81%)	10 (6.76%)	1 (0.68%)	0 (0.00%)	

Results for SEAS, 100-level courses									
	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
	1712	3.84	1.02	462 (26.99%)	739 (43.17%)	295 (17.23%)	128 (7.48%)	58 (3.39%)	30 (1.75%)

## 11. The instructor responded adequately to in-class questions.

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

Results for C S-101-0001, Bloomfield, Aaron S.										
	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)	
	149	4.43	0.70	76 (51.01%)	66 (44.30%)	3 (2.01%)	3 (2.01%)	1 (0.67%)	0 (0.00%)	

Results for SEAS, 100-level courses									
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)	
1710	4.07	0.99	612 (35.79%)	608 (35.56%)	208 (12.16%)	91 (5.32%)	40 (2.34%)	151 (8.83%)	

## 12. As a teacher, this instructor was better than most others in this School.

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

Results for C S-101-0001, Bloomfield, Aaron S.								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
149	3.96	0.93	41 (27.52%)	59 (39.60%)	29 (19.46%)	3 (2.01%)	4 (2.68%)	13 (8.72%)

Results for SEAS, 100-level courses								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
1715	3.47	1.17	350 (20.41%)	419 (24.43%)	492 (28.69%)	172 (10.03%)	111 (6.47%)	171 (9.97%)

# 13. The average number of hours per week I spent outside of class preparing for this course was:

Question Type: Multiple Choice

contributed by Office of the Provost

Results for CS-	101-0001				
Total	Less than 1 (NA)	1 - 3 (NA)	4 - 6 (NA)	7 - 9 (NA)	10 or more (NA)
149	3 (2.01%)	31 (20.81%)	64 (42.95%)	32 (21.48%)	19 (12.75%)

Results for SEAS, 100-level courses							
Total	Less than 1	1 - 3	4 - 6	7 - 9	10 or more		
	(NA)	(NA)	(NA)	(NA)	(NA)		
1584	118	687	560	160	59		
	(7.45%)	(43.37%)	(35.35%)	(10.10%)	(3.72%)		

~ QUESTIONS AND DETAILS ~				~ ANSWER	MATRICES ~			
14. I learned a great deal in this course.	Results for	C S-101-000	1					
Question Type: Likert	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
contributed by Office of the Provost	148	4.03	0.90	45 (30.41%)	76 (51.35%)	16 (10.81%)	8 (5.41%)	3 (2.03%)
	Results for	SEAS, 100-le	evel courses					
	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
	1578	3.80	1.00	368 (23.32%)	751 (47.59%)	282 (17.87%)	122 (7.73%)	55 (3.49%)
15. Overall, this was a worthwhile	Results for	C S-101-000	1					
course. Question Type: Likert	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
contributed by Office of the Provost	149	3.89	1.02	42 (28.19%)	70 (46.98%)	20 (13.42%)	12 (8.05%)	5 (3.36%)
	Results for	SEAS. 100-le	evel courses					
	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
	1580	3.81	1.06	430 (27.22%)	687 (43.48%)	273 (17.28%)	120 (7.59%)	70 (4.43%)
6. The course's goals and requirements	Results for	C S-101-000	1, Bloomfield,	Aaron S.				
were defined and adhered to by the instructor.	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
Question Type: Likert   contributed by Office of the Provost	147	4.21	0.66	47 (31.97%)	87 (59.18%)	11 (7.48%)	1 (0.68%)	1 (0.68%)
	Results for	SEAS, 100-le	evel courses					
	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
	1701	4.02	0.84	492 (28.92%)	851 (50.03%)	278 (16.34%)	59 (3.47%)	21 (1.23%)
17. The instructor was approachable	Results for	C S-101-000	1, Bloomfield,	Aaron S.				
and made himself/herself available to students outside the classroom.	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
Question Type: Likert  contributed by Office of the Provost	149	4.03	0.79	42 (28.19%)	75 (50.34%)	29 (19.46%)	1 (0.67%)	2 (1.34%)
	Results for	SEAS, 100-le	evel courses					
	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
	1703	4.00	0.89	548 (32.18%)	698 (40.99%)	384 (22.55%)	49 (2.88%)	24 (1.41%)
18. Overall, the instructor was an	Results for	C S-101-000	1, Bloomfield,	Aaron S.				
effective teacher.  Question Type: Likert	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
contributed by Office of the Provost	149	4.31	0.77	65 (43.62%)	72 (48.32%)	7 (4.70%)	3 (2.01%)	2 (1.34%)
	Results for	SEAS, 100-le	evel courses					
	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
	1711	3.83	1.08	537 (31.39%)	628 (36.70%)	342 (19.99%)	131 (7.66%)	73 (4.27%)

~ QUESTIONS A	ND DETAILS ~

### ~ ANSWER MATRICES ~

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

Question Type: Short Answer

Results for C S-101-0001					
Total	Individual Answers				
59	See below for Individual Results				

Keep the demotivators coming, absolutely loved the class, challenging but interesting, and you really know how to keep everyone interested and know when to give some comical relief Thanks!

Professor Bloomfield was my favorite professor this semester, and I would take CS 201 if he was teaching it. He made the lectures fun with the red slides. My only problem with the course was that we needed many more TA's. The TA's we had were very helpful, but we did not have enough office hours.

Thank you for a nice semester.

We need more teaching assistants during office hours.

This class really needs to provide more TAs for both office hours and the lab sections. For people like me who computer science does not come easily to, it would be nice to receive a little more attention before they have to rush off to the next student.

More TA's for office hours would greatly help. I have had to wait, especially Thursday nights for long periods of time to get help, sometimes up to 3 hours to get a few simple questions answered. Other than the shortage of TA's the course was one of my favorites this semester.

need more TAs

Due to the mandatory hour and a half lab section each week and the time required to complete the weekly homework assignments, I believe this course should be four credit hours as opposed to three.

I learned a lot from doing the homeworks sometimes it was frustrating because a little error that a TA could answer/fix in a minute had me sitting there helplessly for hours and that definately did not help me, but overall the homeworks were key to me learning in this course. The textbook was useless to me, the lectures and slides are more then enough, but the wording on the tests were sort of wierd, but I just liked the course overall very much!

The student feels that the course was too fast paced and there were not enough TAs to offer tutoring for students who faced difficulties in understanding the course's concepts.

The graduate and undergraduate TAs were very helpful in my experience. However, several times when going to office hours there seemed to be a shortage of TAs. On one particular occasion I signed in on a list and waited over 45 minutes to talk to a TA. I have no complaints about the TAs for the course, but more TAs would have been very beneficial.

this course is fairly large and most of the students (in cs101) have no prior experience in programming. Thus, many students (especially after the first midterm) seek the help of the TAs throughout the week. The TAs are really helpful in teaching us to learn the material and I believe having more TAs in the future will improve the quality of the course. PLEASE have more TAs for this course!

More TAs for the course might have helped things, but overall it was very good.

Professor Bloomfield is one of the most organized and well-spoken professors I have met yet at UVa. Moreover, he manages to make what would otherwise be a rather boring subject (intro to Java programming) pretty exciting thanks to interactive methods, interesting homeworks, and a great attitude in class. I loved his demotivator slides on powerpoint -- it really helped to keep me focused.

Professor Bloomfield is excellent, but we could have used more TA's.

This course was a little too challenging for me, because even the greatest teachers can't teach you how to think; they can only teach you the tools to think with. Then again, this just indicates that I am definitely not good enough to be a proficient engineer.

Need more TA's

Thank you!

need more TA's

Prof. Bloomfield is the best!

I feel the grading policy isn't very fair towards compliation errors that were caused by accidental mistakes such as accidentally pressing on a single key on the keyboard which cause the whole program to not compile and 20 points taken off. This is unfair because the even though the student knows the material, she/he is penalized for understandable human error.

Bloomfield rules more TA's would have helped alot

very interesting. very hard.

### ~ QUESTIONS AND DETAILS ~

### ~ ANSWER MATRICES ~

Hot.

Fantastic, though it is really hard for me.

The course was really challenging, but I learned a great deal.

The course is very challenging...

This class needs more TA's!!!

This course was so interesting to me that I have decided to major in Computer Science through the College.

It was very hard for me. I don't think mechanical engineers should be required to take it.

Prior to this course, I had no experience in computer programming. This CS 101 taught me a lot of new information and was a great experience.

It was a great course, and Mr. Bloomfield certainly made a boring class(in terms of material) into an enjoyable lecture environment.

people that have taken java before should have a different class! Not the same test as people who have not taken java before!!

This course was an extreme challenge to those, (including myself), who have no previous experience to computer science.

Professor Bloomfield did a fine job, but my experience with the class would have been easier and more enjoyable if there had been more TAs available for outside office hours.

Prof. Bloomfield was very interested in teaching the course material which made understanding the course a lot easier. He was always very well prepared for the class.

Prof. Bloomfield was one of the most prepared and effective instructors I have had. He has a real gift for anticipating potential sticking points in the material covered and getting the point across.

There should be more available TAs for help, since the homework is very challenging

This was the first course I have ever taken in the Computer Sciences field, and I loved it. It was well orgaqnized, well presented, and comprehensive; the material was challenging, but Professor Bloomfield managed to keep the class lively and interesting.

This course needs more teaching assistants. The work outside of class requires a great deal of help. Improvements could be made with the number of teaching assistants or the explanations in class, especially for homeworks.

Need more TAs.

There should be a lot more TAs.

too much homework!!!!!!!!!!

This course was good, and if I didn't have such a heavy load next semester I'd take 201

He really cares about his students, he made his lectures as interesting as he could, considering the subject matter (intro courses are always just a lot of facts and not application). There were a lot of opportunities to ask questions, he made sure we understood before he went to the next subject. Excellent job!! The only thing I would change is that we strongly need more TAs considering this material is brand new for most students and in order to fully learn the material a lot of extra help outside of class is needed, therefore there needs to be more TAs.

Answers for homeworks and exams should be made available after submissions. They better be downloadable.

more TA's are needed

:)

Professor Bloomfield made this course interesting and fun! The TA office hours were often enough, but since there was only one TA it made the hour seem much shorter. I would suggest that more TAs are available during busy office hours.

I wish I had gone to office hours to talk to the professor to understand the subject matter more. As a first year the entire system it still new to me and my one biggest regret is definitely not going to office hours when I needed help.

### ~ QUESTIONS AND DETAILS ~

### ~ ANSWER MATRICES ~

Prof. Bloomfield was easily one of the professors most eager to help students I've ever encountered. While the class was challenging, the grading was VERY fair and the help from TA office hours is irreplaceable. In fact, I would allocate a few more TAs to the class to better help students. It was obvious throughout the course that Prof. Bloomfield put in a great deal of effort- very organized lectures, staying for two or three hours in the evenings before exams to help students review, quick and helpful responses to e-mails, and just a generally accomodating attitude. kudos.

This class is way too much work for 3 credits. The J-homeworks require too much time.

We could use more TAs. The class is fairly large, and one-on-one assistance is required for students who need help, so a more TAs would be helpful.

I learned a lot in this class and really enjoyed it.

please have more TAs! and spend more time on the actual syntax of Java...it was easy to understand what was needed to be done but when it came time to actual implement it in Java, I was completely confused

Professor Bloomfield was an excellent instructor. He was extremely prepared with his lecture slides, and he really knew his materials. Everything was very well organized, and he would come up with inclass demos to explain certain programming features. Overall, Prof. Bloomfield certainly had a vested interest in computer education, and it is noticeable.

The course started off slow but increased the pace very rapidly. There seemed to be no transition and it was easy to get left behind. There are definitely not enough TA's to help out students with homework. Going to an office hour that adhered to your schedule and getting help from a TA was nearly impossible because of the amount of students taking the class and the lack of TA's to help efficiently.

They need to have more TA's for the course

I felt that this course was better geared to those who have had some sort of high school course or something in computer programming. I not having any sort of background to computer programming found it very difficult.