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University of Utah Course and Instructor Evaluation Report Summer 2007

College/School: College of Engineering

Print Date: 08-Oct-07

Instructor: DRAPER,GEOFFREY MICHAEL;

Subject: Computer Science **Course #:** 1020 - 001

Enrollment: 15

Course: Introduction to C++

Evaluations processed: 14

UU Standard Course Items	N	SD	D	MD	MA	A	SA	Avg	S.Avg
1. The course objectives were clearly stated.	14	0.0%	0.0%	0.0%	7.1%	57.1%	35.7%	5.29	5.38
2. The course objectives were met.	14	0.0%	0.0%	0.0%	0.0%	50.0%	50.0%	5.50	5.38
3. The course content was well organized.	14	0.0%	0.0%	0.0%	0.0%	57.1%	42.9%	5.43	5.33
4. The course materials were helpful in meeting course objectives.	14	0.0%	0.0%	0.0%	14.3%	42.9%	42.9%	5.29	5.03
5. Assignments and exams reflected what was covered in the course.	14	0.0%	0.0%	0.0%	0.0%	50.0%	50.0%	5.50	5.30
6. I learned a great deal in this course.	14	0.0%	0.0%	0.0%	14.3%	35.7%	50.0%	5.36	5.28
7. Overall, this was an effective course.	14	0.0%	0.0%	0.0%	0.0%	64.3%	35.7%	5.36	5.17

Composite score: 5.39 Subject composite score: 5.27

UU Standard Instructor Items Draper,Geoffrey Michael	N	SD	D	MD	MA	A	SA	Avg	S. Avg
1. The instructor was organized.	14	0.0%	0.0%	0.0%	0.0%	42.9%	57.1%	5.57	5.48
2. The instructor demonstrated thorough knowledge of the subject.	14	0.0%	0.0%	0.0%	0.0%	28.6%	71.4%	5.71	5.49
3. The instructor presented course content effectively.	14	0.0%	0.0%	0.0%	0.0%	50.0%	50.0%	5.50	5.31
4. The instructor created/supported a classroom environment that was respectful.	13	0.0%	0.0%	0.0%	0.0%	23.1%	76.9%	5.77	5.47
5. As appropriate, the instructor encouraged questions and opinions.	14	0.0%	0.0%	0.0%	0.0%	28.6%	71.4%	5.71	5.51
6. The instructor was available for consultation with students.	14	0.0%	0.0%	0.0%	0.0%	28.6%	71.4%	5.71	5.47
7. Overall, this was an effective instructor.	14	0.0%	0.0%	0.0%	0.0%	28.6%	71.4%	5.71	5.47

Composite score: 5.67 Subject composite score: 5.46

College of Eng ABET Form	N	SD	D	MD	MA	A	SA	Avg
1. ABET Questions: This course helped me gain an understanding of and ability to: Design and conduct experiments.	12	0.0%	0.0%	0.0%	25.0%	25.0%	50.0%	5.25
2. ABET Questions: This course helped me gain an understanding of and ability to: Analyze and interpret data.	12	0.0%	0.0%	0.0%	8.3%	41.7%	50.0%	5.42
3. ABET Questions: This course helped me gain an understanding of and ability to: Design a system, component or process to meet a desired need.	12	0.0%	0.0%	0.0%	0.0%	50.0%	50.0%	5.50
4. ABET Questions: This course helped me gain an understanding of and ability to: Function on multi-disciplinary or cross-functional teams.	12	0.0%	0.0%	16.7%	16.7%	41.7%	25.0%	4.75
5. ABET Questions: This course helped me gain an understanding of and ability to: Identify, formulate and solve engineering problems.	12	0.0%	0.0%	0.0%	0.0%	58.3%	41.7%	5.42
6. ABET Questions: This course helped me gain an understanding of and ability to: Recognize professional and ethical responsibility.	12	0.0%	0.0%	0.0%	25.0%	33.3%	41.7%	5.17
7. ABET Questions: This course helped me gain an understanding of and ability to: Communicate orally: Informal and prepared talks.	12	0.0%	8.3%	8.3%	33.3%	25.0%	25.0%	4.50
8. ABET Questions: This course helped me gain an understanding of and ability to: Communicate in writing: letters, technical reports, etc.	12	0.0%	0.0%	16.7%	25.0%	33.3%	25.0%	4.67
9. ABET Questions: This course helped me gain an understanding of and ability to: Know the impact of engineering in a global/societal context.	12	0.0%	0.0%	8.3%	16.7%	41.7%	33.3%	5.00

N = number of responses

SD = Strongly Disagree (response value 1)

D = Disagree (response value 2)

MD = Mildly Disagree (response value 3)

MA = Mildly Agree (response value 4)

A = Agree (response value 5)

SA = Strongly Agree (response value 6)

S.Avg = Subject-wide Average for this question

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DISCLAIMER: Department composite scores are current as of the date of this report, but may be revised if additional evaluations are processed.



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University of Utah Course and Instructor Evaluation Written Comments Report Summer 2007

College/School:	College of Engineering	Print Date:	08-Oct-07
Instructor:	DRAPER,GEOFFREY MICHAEL;		
Subject:	Computer Science	Course #:	1020 - 001
Course:	Introduction to C++	Enrollment:	15
		Evaluations processed:	14

List two things about the course content, materials or design that were effective for your learning, or make constructive suggestions for improvement.

- I learned a lot of information, more than I expected from a 1020 course.
- It would have been very helpful to have instruction on the programs we were using.
- The labs were very helpful, as well as the office hours.
- I loved having an assignment that clearly stated what needed to be completed to receive a given grade.
- 1. Each student having his or her own computer to work on during class was extremely helpful. Hands on experience is much better than listening to someone lecture all week. 2. Having weekly programming assignments was very helpful. It's hard to find time to complete them if you are working full-time, but I learned the most in this class from the assignments.
- The course content was an excellent overview of the basics and fundamentals of programming. Homework assignments were great practice for using what was taught in class.

DRAPER,GEOFFREY MICHAEL: List two things about this instructor that were effective for your learning, or make constructive suggestions for improvement.

- The instructor was great, the lectures were informative, the labs were very explanatory, and the instructor was very generous with his time.
- I think Dr Draper did a great job demonstrating his interest in making sure we understood the material and making himself available to answer questions outside of class as well.
- The instructor went out of his way to give special help to every student that sought aid. He was an extremely effective instructor.
- He is very open to suggestions. Encourages questions. His class has a very pleasant environment
- 1. The speed at which he taught the class was very helpful. It was nice to finally have a programming instructor that did not go too fast and leave people behind if they did not understand something. 2. The

hands-on part of the class was very nice. It was nice to have an instructor program what we were learning in class and then have us copy and compile those programs. All the questions he asked about "what should we do next?" were very helpful for my learning process. Geoffrey is an excellent instructor when he is having the class write programs with him.

- Prof. Draper is a quiet fellow, but he presents lessons in a funny, accessible manner and covers information well. He is very approachable, even if he may not seem it at first.
- Geoff is a very friendly person and the stories he told about his past in programming created a relaxed and enjoyable atmosphere that fostered comfort with asking questions and trying out unconventional ideas which usually led to the enrichment of the whole class. Geoff's familiarity with and love for the subject really showed and kept me coming back for more.



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University of Utah Course and Instructor Evaluation Report Summer 2007

College/School: College of Engineering

Print Date: 08-Oct-07

Instructor: DRAPER,GEOFFREY MICHAEL;

Subject: Computer Science **Course #:** 1021 - 001

Enrollment: 19

Course: Introduction to Java

Evaluations processed: 16

UU Standard Course Items	N	SD	D	MD	MA	A	SA	Avg	S.Avg
1. The course objectives were clearly stated.	16	0.0%	0.0%	0.0%	0.0%	31.2%	68.8%	5.69	5.38
2. The course objectives were met.	15	0.0%	0.0%	0.0%	0.0%	33.3%	66.7%	5.67	5.38
3. The course content was well organized.	16	0.0%	0.0%	0.0%	0.0%	18.8%	81.2%	5.81	5.33
4. The course materials were helpful in meeting course objectives.	16	0.0%	0.0%	0.0%	6.2%	25.0%	68.8%	5.62	5.03
5. Assignments and exams reflected what was covered in the course.	16	0.0%	0.0%	0.0%	0.0%	12.5%	87.5%	5.88	5.30
6. I learned a great deal in this course.	16	0.0%	0.0%	0.0%	0.0%	12.5%	87.5%	5.88	5.28
7. Overall, this was an effective course.	16	0.0%	0.0%	0.0%	6.2%	12.5%	81.2%	5.75	5.17

Composite score: 5.76 Subject composite score: 5.27

UU Standard Instructor Items Draper,Geoffrey Michael	N	SD	D	MD	MA	A	SA	Avg	S. Avg
1. The instructor was organized.	15	0.0%	0.0%	0.0%	0.0%	13.3%	86.7%	5.87	5.48
2. The instructor demonstrated thorough knowledge of the subject.	15	0.0%	0.0%	0.0%	0.0%	13.3%	86.7%	5.87	5.49
3. The instructor presented course content effectively.	15	0.0%	0.0%	0.0%	6.7%	20.0%	73.3%	5.67	5.31
4. The instructor created/supported a classroom environment that was respectful.	15	0.0%	0.0%	0.0%	6.7%	6.7%	86.7%	5.80	5.47
5. As appropriate, the instructor encouraged questions and opinions.	15	0.0%	0.0%	0.0%	0.0%	13.3%	86.7%	5.87	5.51
6. The instructor was available for consultation with students.	15	0.0%	0.0%	0.0%	0.0%	6.7%	93.3%	5.93	5.47
7. Overall, this was an effective instructor.	15	0.0%	0.0%	0.0%	6.7%	20.0%	73.3%	5.67	5.47

Composite score: 5.81 Subject composite score: 5.46

College of Eng ABET Form	N	SD	D	MD	MA	A	SA	Avg
1. ABET Questions: This course helped me gain an understanding of and ability to: Design and conduct experiments.	13	0.0%	0.0%	15.4%	15.4%	30.8%	38.5%	4.92
2. ABET Questions: This course helped me gain an understanding of and ability to: Analyze and interpret data.	13	0.0%	0.0%	7.7%	23.1%	38.5%	30.8%	4.92
3. ABET Questions: This course helped me gain an understanding of and ability to: Design a system, component or process to meet a desired need.	13	0.0%	0.0%	7.7%	0.0%	30.8%	61.5%	5.46
4. ABET Questions: This course helped me gain an understanding of and ability to: Function on multi-disciplinary or cross-functional teams.	11	9.1%	0.0%	36.4%	9.1%	27.3%	18.2%	4.00
5. ABET Questions: This course helped me gain an understanding of and ability to: Identify, formulate and solve engineering problems.	12	0.0%	0.0%	16.7%	25.0%	16.7%	41.7%	4.83
6. ABET Questions: This course helped me gain an understanding of and ability to: Recognize professional and ethical responsibility.	12	0.0%	0.0%	8.3%	25.0%	25.0%	41.7%	5.00
7. ABET Questions: This course helped me gain an understanding of and ability to: Communicate orally: Informal and prepared talks.	12	0.0%	16.7%	8.3%	25.0%	16.7%	33.3%	4.42
8. ABET Questions: This course helped me gain an understanding of and ability to: Communicate in writing: letters, technical reports, etc.	12	0.0%	16.7%	16.7%	8.3%	33.3%	25.0%	4.33
9. ABET Questions: This course helped me gain an understanding of and ability to: Know the impact of engineering in a global/societal context.	10	10.0%	0.0%	10.0%	30.0%	10.0%	40.0%	4.50

N = number of responses

SD = Strongly Disagree (response value 1)

D = Disagree (response value 2)

MD = Mildly Disagree (response value 3)

MA = Mildly Agree (response value 4)

A = Agree (response value 5)

SA = Strongly Agree (response value 6)

S.Avg = Subject-wide Average for this question

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DISCLAIMER: Department composite scores are current as of the date of this report, but may be revised if additional evaluations are processed.



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University of Utah Course and Instructor Evaluation Written Comments Report Summer 2007

College/School:	College of Engineering	Print Date:	08-Oct-07
Instructor:	DRAPER,GEOFFREY MICHAEL;		
Subject:	Computer Science	Course #:	1021 - 001
Course:	Introduction to Java	Enrollment:	19
		Evaluations processed:	16

List two things about the course content, materials or design that were effective for your learning, or make constructive suggestions for improvement.

- Geoff did a great job using examples. The visual metaphors were helpful. Step-by-step lab work was great. It helped in learning programming concepts, syntax and correct style.
- hands on is the way to go!
- When the class examples were similar to the homework assignment I could clearly understand what needed to be done to complete the homework. Geoff was very willing to spend extra time to help me understand the material and did not make me feel dumb when explaining things to me.
- I liked being able to follow along in lab and take notes directly into the program (as comments), and test variations. It worked much better in the original lab space, rather than CADE (where the physical set-up was bad (rough screen, and hard to see /hear while working at monitor) ... and it was distractingly cold) -- use this comment in support of them getting the network fixed! That said, having the text from Monday lectures available online was almost as good.
- Computers in MEB sucked, but once we got into the CADE lab things went smoothly
- Instructor did a great job. University computers need to be improved.
- This course was laid out in a very logical and easy to follow way. The sample code was always posted online that made it really easy to go over what was covered in class, as easy to refer to when working on the homework. The homework was very reasonable and applied to what was learned in class. The exams were also very reasonable for students who were new to programming. This was an effective course.
- The book was lacking in clarity, and hard to translate directly to the course. The classrooms computers were down at least 1/5 of the time, and the projectors (computer) had no screen and were not bright, viewing them was difficult at best. The CADE lab where 2/3 of our class was taught was extremely difficult to hear due to the huge amount of computer fans... In a nutshell the environment was poor, and hindered the teaching and learning.

DRAPER,GEOFFREY MICHAEL: List two things about this instructor that were effective for your learning, or make constructive suggestions for improvement.

- Relax. (Yeah, I know that's easier said than done.) My thought the first day of class was, "Oh great -- a nervous 12-year-old is teaching the class." But instructor was well organized, knowledgeable ... and funny. What more could one ask? One could ask for clear written summaries of the week's lectures. Oh yeah, we got those, too. (I'm saving them for future reference.) Other comments: The book didn't seem to contribute much to my learning, by the way. Kinda wish I'd saved the \$90, or whatever it was. Also, it would be nice to have had a bit more of a guided tour of the online Java support documents ... they're still a little overwhelming. (Everything's there, which is good ... but hard to sort through at first.)
- One of the best instructors I've ever had! If all instructors were like Geoff I would have better grades! Loved the weekly communication and how he kept us up on the happenings of class.
- Very good instructor. Keep up the good work.
- Geoff is one of the most considerate people I have ever met. He has an incredible respect for the students, which is reflected back to him by the students. He is very well organized and he has reasonable expectations of students who are new to programming. I really enjoyed how available he was for homework help and how willing and ready he was to help. He really helped me understand this subject. He is a very good instructor.
- Teacher was the best instructor I've ever had at the university level. Appreciated the availability, humor, and excellent instruction in a subject that can't be that easy to teach. Keep doing what your doing.
- Very willing to assist in my understanding. I was scared coming into this course as I had been out of school for a while. Geoff made this course relaxing and enjoyable. I did not feel threatened at all. I learned a lot this summer
- The website: the outline, code from class, links etc. were invaluable. The instructors flexibly in meeting the goals of the class, and individual interests as well were above and beyond. ex. Emailing student links who expressed interest in topics not directly covered in the course. The weekly mailing list summaries and updates also were a huge plus.
- Geoff will be one on those few instructors that make a real difference in students' educational experiences. He has a definite desire for his students to learn and his enthusiasm for programming is contagious. Other things that I really liked about how Geoff conducted this class; starting and stopping on time, his willingness to help and his willingness to provide clues and encourage exploration into more advanced topics. Constructive suggestions: Please speak louder. (It's hard for us old folk to hear sometimes. :-)) Please ask your students to either arrive to class on time, or forgo attending that day. It is very distracting and discouraging for students to arrive 30-45 minutes late and ask questions about what was already covered earlier. thx Geoff! You're one of the best prof's in my book!
- When explaining new concepts try avoid using technical words. I remember the first day of lecture I had no idea what was said because lots of jargon and or technical words were used. But on the flip side I did eventually learn what variables and so forth ment.
- This PhD student is enthusiastic about his field and was a huge help in and out of class. He always made himself accessible through extensive office hours and quick reply to e-mails. I have never been so encouraged to ask as many questions as I was in this class. This instructor made this class worthwhile and a success.