Winter 2019 Graphical Response Report for EECS 280-005: Prog&Data Struct (Nicole Hamilton)

Project Title: **Winter 2019 Teaching Evaluation**

Course Audience: **144**
Responses Received: **50**
Response Ratio: **34.7%**

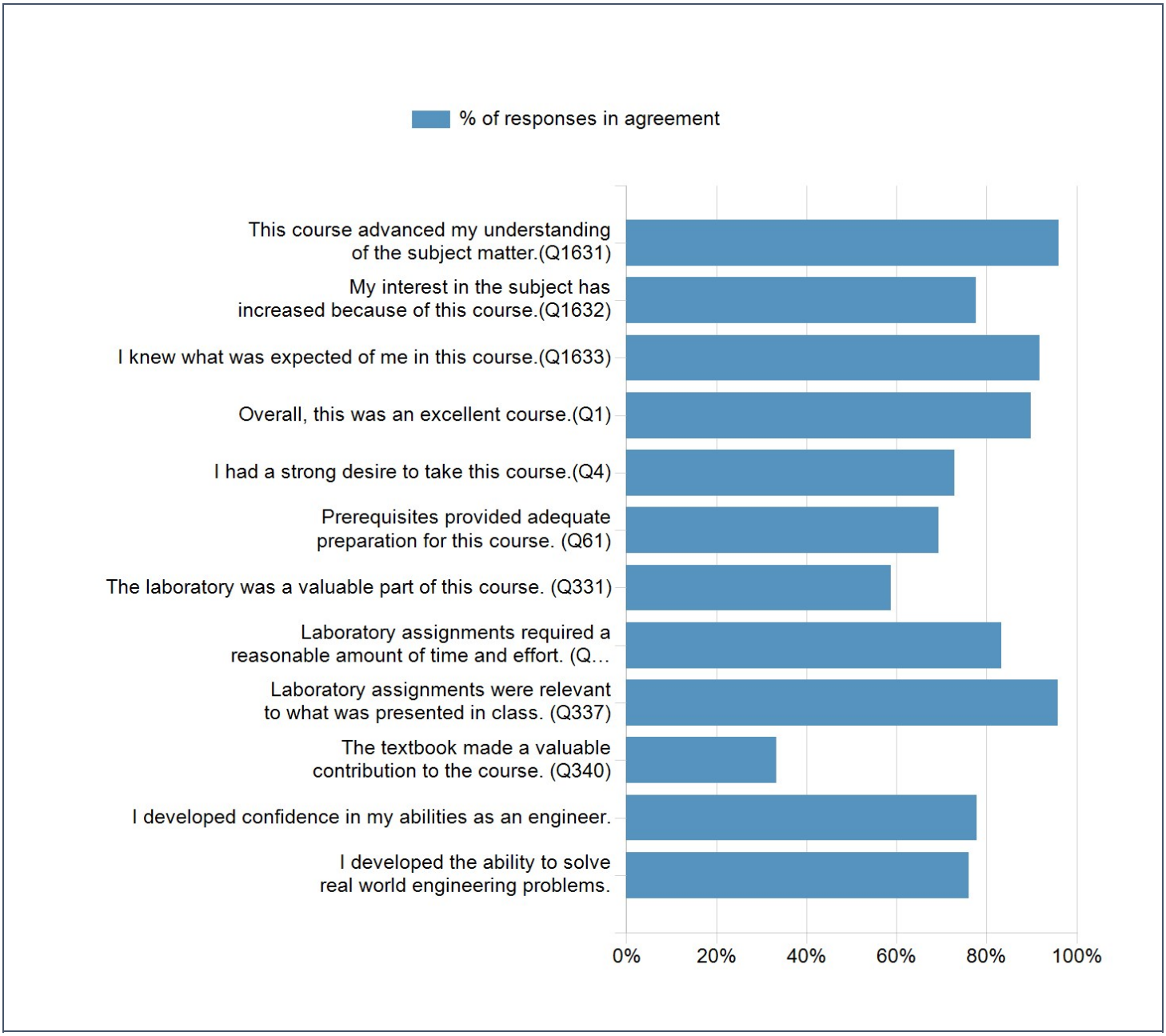
Report Comments

This report is a summary that tabulates the percentage of "Strongly Agree" and "Agree" answers for the quantitative rating questions that appeared on your evaluation. Any questions using an alternate scale or any questions added by the instructor appear after the main charts. Responses to the open-ended questions appear at the end of the report. Ratings are from the Winter 2019 teaching evaluations of EECS 280-005: Prog&Data Struct.

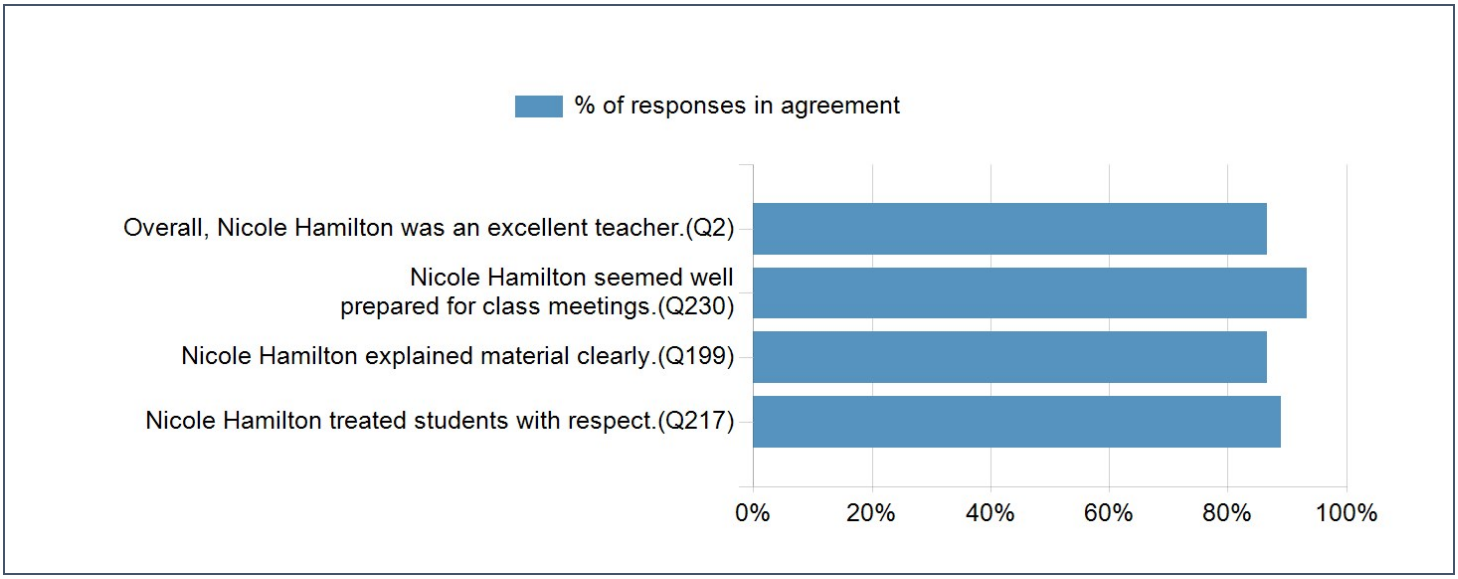
Prepared by: **Office of the Registrar**
Creation Date: **Tuesday, May 7, 2019**

Powered by blue®

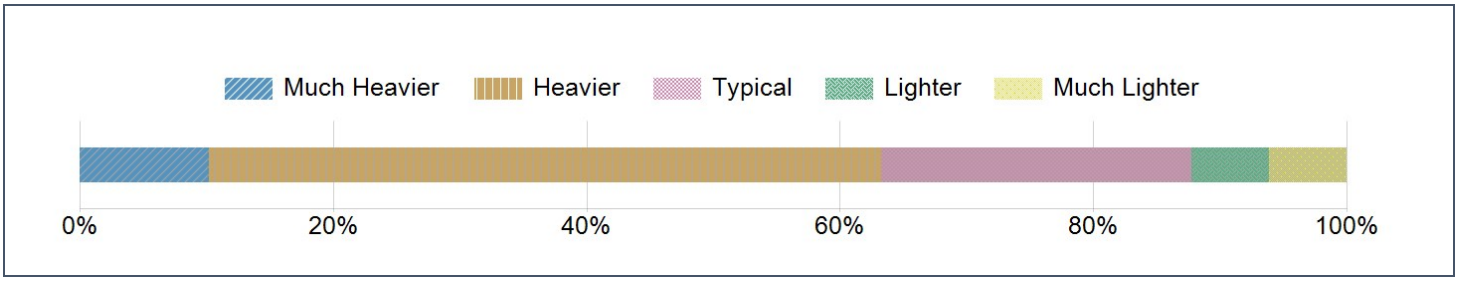
Responses to questions about your course:



Responses to questions about the instructor:



As compared with other courses of equal credit, the workload for this course was:



Responses to Open-ended Questions

What were the strengths of the course ? (Q953)

Comments
Lecture recordings, clear teaching, helpful and interesting topics
The teacher was well knowledgeable about the course
This course teaches students fundamentals of programming in a way that allows students to dive into real–world programming and project–based programming. The knowledge learned in this course can be applied to more than just the language it is taught in.
Can't say
projects are great
I was able to get a much greater understanding of C++ and I think I really grew in my coding.
I got useful help out of my lab section to reinforce concepts.
The projects were interesting and well put together.
The course explained the underlying fundamentals of coding extremely well. I learned to manage memory and specific interactions in the code, which enhanced my technical knowledge
This course provides a lot of practice for some very important areas of computer science. The professors are helpful and it's clear that they want the students to succeed.
Very intriguing material
Great well prepared staff.
Organization
i really liked the labs bc they reinforced the information, and office hours are great.
There were a lot of resources available to students. Instructors were very helpful on Piazza and just all–around awesome. The projects and labs were interesting. The staff seemed like they really cared and were offering resources they thought would be helpful. Additionally, Professor Kamil posted an online text version of the course material which was incredible.
It taught a wide variety of topics
I think the teachers are great in the course
include lots of knowledge
I feel like I learned a lot.
Learning turned into survival. To stay afloat, I had to learn quickly, and in return, I learned a decent amount.
coding
The trial–by–fire nature of it
The course has very interesting projects and material. I feel much more confident in my abilities as a programmer.
The strengths of this course were the projects and lab really reinforced lecture material– I dont think I would have understood this material at all had it only been lecture.
Very comprehensive overview
The course provides a strong overview of the C++ language and of object–oriented programming concepts.
The project based focus of the class allowed us to develop our skills in a setting similar to real world deliverables.
Assignments were clearly defined, questions were answered quickly and effectively on Piazza, and Autograder made it easy for us to see hw we would do before a final submission
I think that the projects, while difficult, increased my understanding of the course material exponentially. They gave me experience in applying the concepts we learned in class.
In depth and useful for future C++ programmers
It covered very important concepts in depth.

What suggestions would you make for improving the course ? (Q955)

Comments
Making certain sub due dates on the projects so we don't wait for the last minute
There was a couple instances where lectures, projects, and labs were out of sync. The course would be improved if concepts used in all three were synced up better.
Can't say
remove the lab, fix the office hour system
none
Project 5 was a doozie.
The course was overall very satisfying and I don't have any improvements to suggest as of now.
Better office hours organization. Making private tests available so we can see what we have been doing wrong on the project after it is graded.
The course was fine for me, maybe more office hours availability.
it would be super helfpul if there was a list of which IAs are working when so that I can know who will be there when Im at office hours. This is mostly just so I dont go to office hours needing a lot of help but there is only one person working and cant give me enough one on one time.
More preparation and resources for using the command line would have been helpful. I had never used the command line before this class and I felt like it was assumed that I had used it a little before. As a result, I was really overwhelmed and frustrated at the beginning of the course. I think there was a session about it, but I'm a commuter student who works on the weekends and I couldn't attend. More virtual resources would have been great.
I feel as if the jump from engin 101 to this class was large and if not for previous knowledge I would've felt very lost.
OH QUEUE!!! it is too long
Give partial credit on the main function outputs for projects.
I would either slow down the pace or include another prerequisite. While the best students have no trouble staying on top of the material, those who are new to coding struggle. The projects are also much too hard for one person, coming from 101 where all the projects were doable solo.
nothing
Explain the concepts for p5 more clearly, host euchre nights, have more IAs on hand for office hours (waiting 3hrs for help with one line of code is ridiculous)
The fourth project is not the most helpful and is kind of annoying in that the main driver is remedial. It should probably be harder and more interesting.
I think I would make the exams worth less, because personally I think they are a terrible way of testing someone's ability to code. They give me a lot of anxiety because of the large percentage they are of the grade, and my performance on the midterm honestly made me consider changing majors because I was so discouraged, despite my capabilities with projects and labs.
Perhaps more direction on the projects in lectures / labs
There are seemingly wild jumps in difficulty between projects – Projects 1, 2, and 4 were manageable but projects 3 and 5 were significantly more difficult and far harder to understand than any of them. Project 3 in specific I have issues with, mainly due to the fact I feel it is disadvantageous to out–of–state or international students unfamiliar with Euchre – as now they have to deal with learning the rules of Euchre on top of the coding concepts within the project.
It's really hard currently, which is important for pushing students to achieve as much as they can. But, it does make it kind of intimidating to begin many of the projects because they seem so daunting.
I didn't think that I had enough resources to study for the exams. I know a lot of classes use problem roulette, and I think that would've been very helpful for me.
ZyBooks would be helpful
More practice exercises.

Comment on the quality of instruction in this class.

Comments
Topics were clearly taught and presented in an interesting manner
Very good quality
The instruction of this class is sufficient for the material that needs to be covered. Instruction is clear and concise, and material is covered effectively even though some lectures finish quickly.
Can't say
none
Really enjoyed Hamilton's lectures!
Lectures were informative and useful.
The instruction quality was extremely high and explained crucial coding concepts very well
Nicole Hamilton was an engaging and effective instructor throughout the semester, and I felt that my quality of learning was directly better because of her.
The material was taught in an understandable and logical manner
Great.
Strong, Hamilton was very good.
it would be helpful if the lecturers were more in sync with their powerpoints. i like the way one prof explains material but i like the way one prof presents it on their slides so this is confusing
I did not attend Professor Hamilton's lectures because Professor Kamil's lectures fit into my schedule better. I very much enjoyed his lectures and felt like I learned a lot.
It was fair even if it did move too quickly.
I think she is a great professor with a ton of industry experience and it shows in her teaching skill which I like because she can relate to how this class is important in real world applications. She is also very understanding of how people come in knowing different coding. Like me (being an EE and not coding in 2 years) she motivated me to do the best I could because that would pay off in the long run
Hamilton was repetitive and often covered the same slides multiple times in the exact same manner
The instruction was good.
Nicole is an excellent teacher. She brings a wealth of industry experience to every class, and she was extremely knowledgeable.
great
Nicole Hamilton was a good teacher. Thanks.
Prof. Hamilton knows her stuff and is a great instructor. She really cares and it shows in her enthusiasm every class period. She always tries to keep students engaged and does a great job of it.
I think the instructors are all great, and I really want to note and thank all of the IA's at office hours for really making it their mission to help people in this class.
Nicole Hamilton was a strong instructor of the EECS 280 content, often presenting information in an easy to understand and concise manner. She often reiterated learned content in lecture, which certainly helped in retaining that information.
Juett is a very good instructor, I ended up watching most of his lectures online instead. Some of the other instructors aren't quite up to his quality of instruction. Also, DeOrio was amazing and it's a shame he didn't teach this semester.
Professor Hamilton was a fantastic instructor. I learned a ton and enjoyed attending lectures.
Good
Very in depth and comprehensive. I like her Socratic approach.

Among the courses you have already taken, which proved the most (or least) effective in preparing you for this course, and why? (Q1098)

Comments
EECS 183, because it helped me refresh my memory
Engr 101
ENGR 151 prepared me the best because it taught me how to setup the programming environment and how to do basic concepts in the language, which this class reinforced and finalized.
Can't say
EECS 183 because it gave me a good understanding of C++, but this course really took what I knew to the next level up.
ENG 101
ENGR100 because we did some coding in that class.
Engineering 101 helped prepared me the most for this course as it gave me more exposure to coding real projects and how to structure my code
This course is a bit of getting tossed into the fire, as ENGR 101 doesn't introduce you to some very integral parts of 280, such as classes. I think the transition would be a lot smoother if 101 did ease you into c++ a little more.
ENGR 101 I feel was not necessary as a prerequisite
Prior completion of 280
eecs 183 taught me how to manage my time around projects and also basic programming skills.
EECS 183 was the most effective in preparing me for this course.
The only prerequisite from the University for this class was engin 100. It does not prepare us well for this class. I've taken apcs and it did a better job preparing me.
None actually. A little of 101 to get you familiar with C++
Engineering 101, but even that felt like was not a good representation of the workload for this class.
ENGR 101 is the only course that prepared me for EECS 280. It was a good start, but I would have needed more in order to do well in EECS 280.
eecs 183
EECS 183 prepared me well for this course.
EECS 183 was very helpful for this course. We learned the basics of programming and problem solving as well as working with a team.
EECS183 prepared me for the format of this course, just due to the project/exam layout.
Engin 101 was obviously helpful in providing introductory material such as syntax, but little else. Basically no preparation was provided in terms of algorithms or the such
While I can understand the reasoning behind it, I still feel as if the jump from ENGR 101 to EECS 280 is rather large, not to mention the larger jump in class expectations.
EECS 183, because I had no prior programming experience and 183 taught me everything about C++.
I took EECS 183 last semester which taught me the basics of coding that I needed for this class.
EECS 183 because it was a good introduction to C++
Engr 101 taught me C++ basics.