

## **Summer 2022 report for CDA 4205-002(52054) Computer Architecture (Md Rubel Ahmed)**

### **USF Student Assessment of Instruction**

**Project Audience:** 39

**Responses Received:** 32

**Response Ratio:** 82%

### **Subject Details**

**Course Name:** Computer Architecture

**Section:** 002

**College Name:** Engineering

**Department Name:** Computer Science & Engineering

**Term Title:** Summer 2022

**First Name:** Md Rubel

**Last Name:** Ahmed

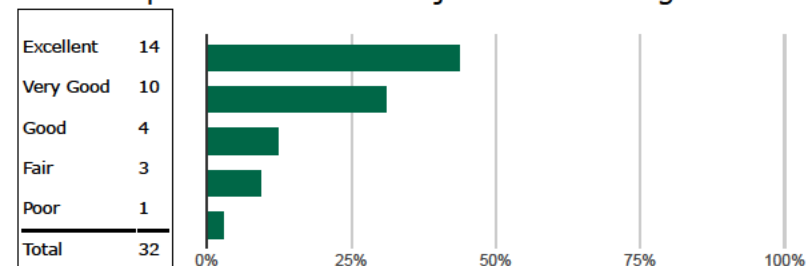
# Section 1. Frequency Statistics

The charts below provide statistics and the response breakdown of how students answered each question.

Select your rating of the following statements as pertaining to **Md Rubel Ahmed**

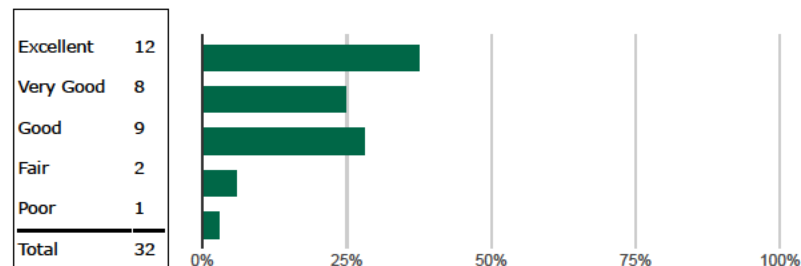
Competency Statistics	Value
Mean	4.1
Median	4.0
Mode	5
Standard Deviation	+/-1.1

## 1. Description of Course Objectives & Assignments



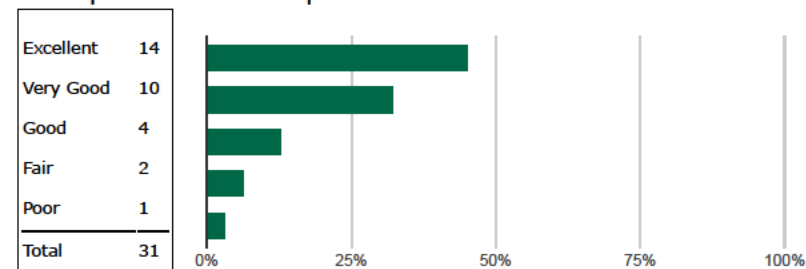
Statistics	Value
Mean	4.0
Median	4.0
Mode	5
Standard Deviation	+/-1.1

## 2. Communication of Ideas and Information



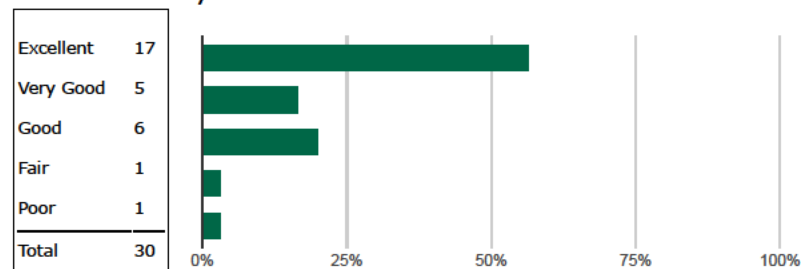
Statistics	Value
Mean	3.9
Median	4.0
Mode	5
Standard Deviation	+/-1.1

## 3. Expression of Expectations for Performance



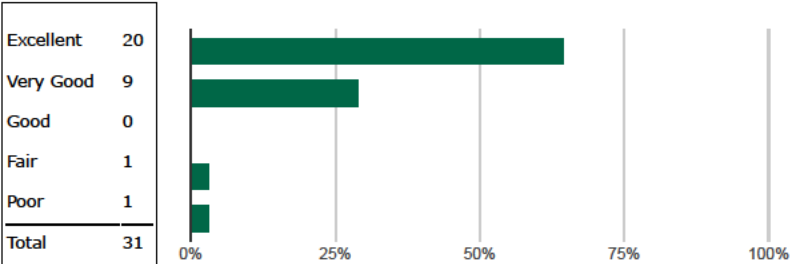
Statistics	Value
Mean	4.1
Median	4.0
Mode	5
Standard Deviation	+/-1.1

## 4. Availability to Assist Students In or Out of Class

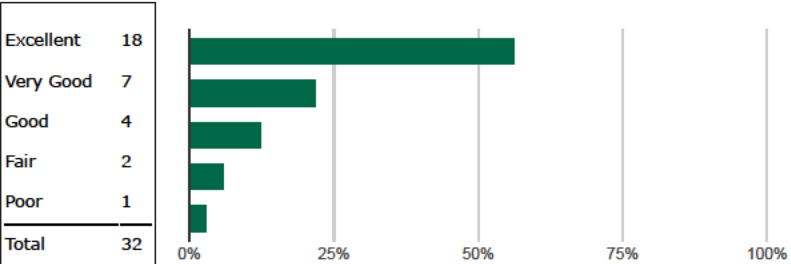


Statistics	Value
Mean	4.2
Median	5.0
Mode	5
Standard Deviation	+/-1.1

### 5. Respect and Concern for the Students



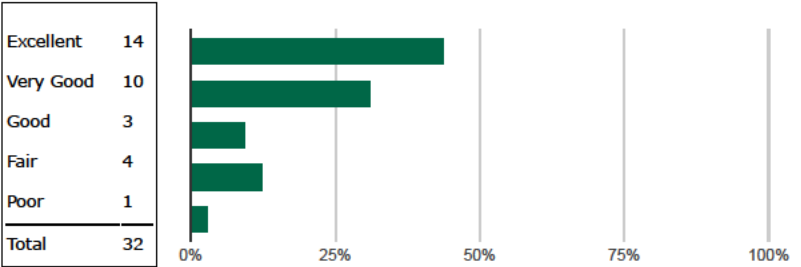
### 6. Stimulation of Interest in the Course



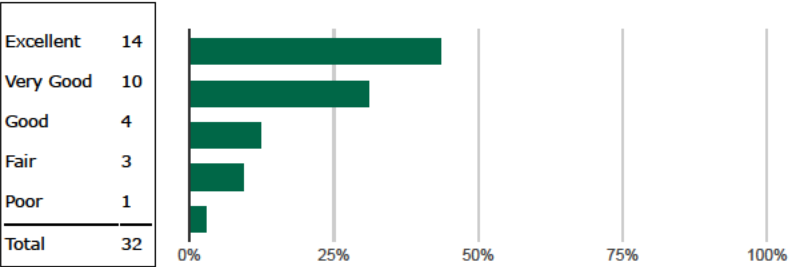
Statistics	Value
Mean	4.5
Median	5.0
Mode	5
Standard Deviation	+/-0.9

Statistics	Value
Mean	4.2
Median	5.0
Mode	5
Standard Deviation	+/-1.1

### 7. Facilitation of Learning



### 8. Overall Rating of the Instructor



Statistics	Value
Mean	4.0
Median	4.0
Mode	5
Standard Deviation	+/-1.2

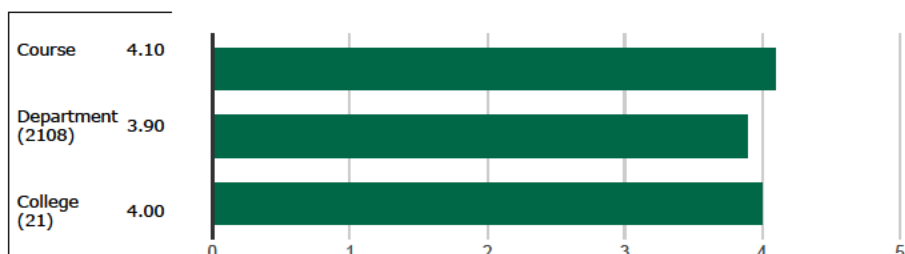
Statistics	Value
Mean	4.0
Median	4.0
Mode	5
Standard Deviation	+/-1.1

## Section 2. Comparative Section

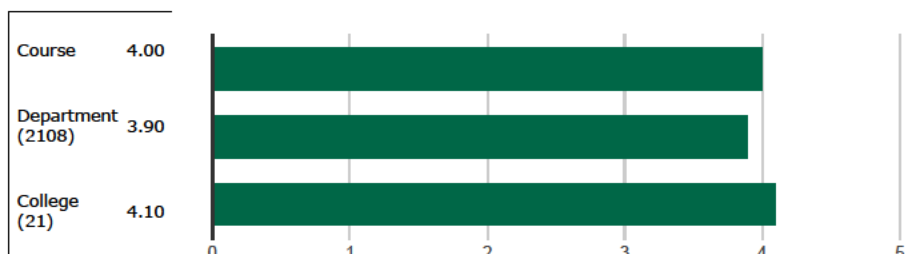
The charts below compare how the students in your course rated you as compared to all of the instructors in the department, and all of the instructors in the college.

Select your rating of the following statements as pertaining to **Md Rubel Ahmed**

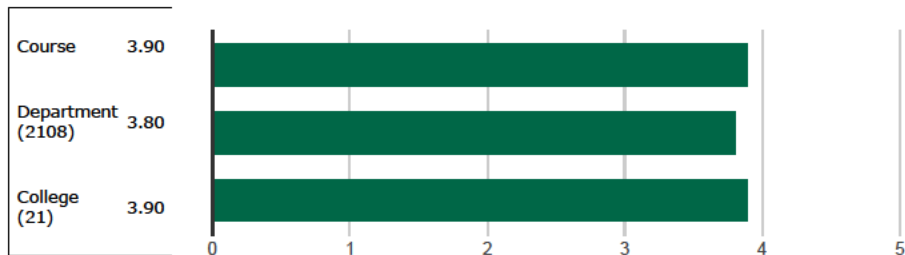
### Overall



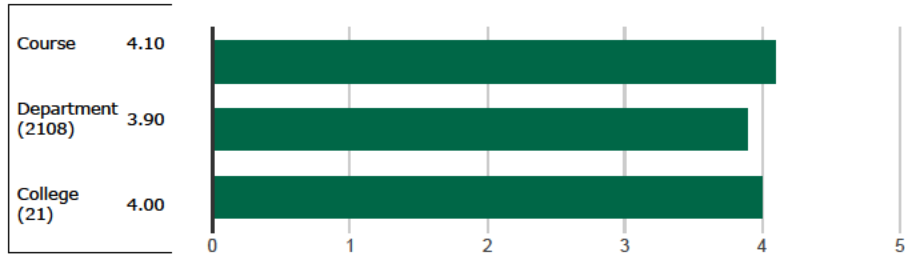
### 1. Description of Course Objectives & Assignments



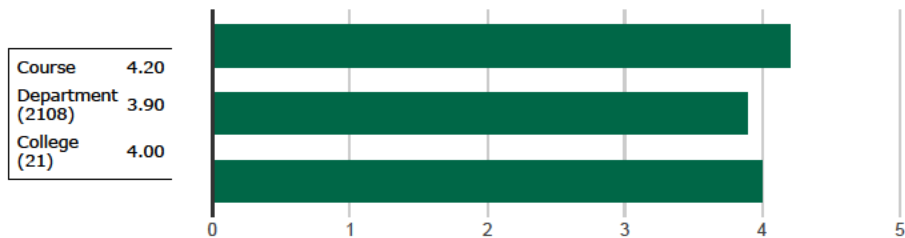
### 2. Communication of Ideas and Information



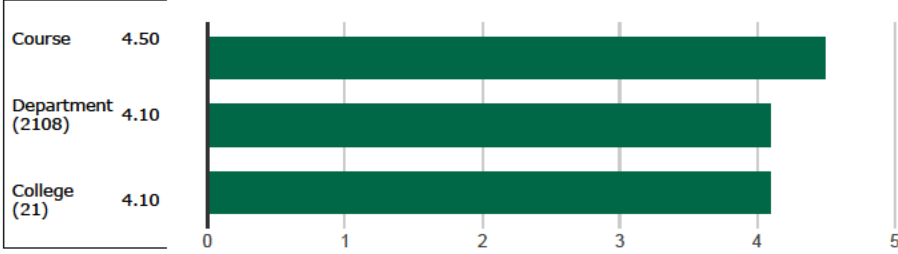
### 3. Expression of Expectations for Performance



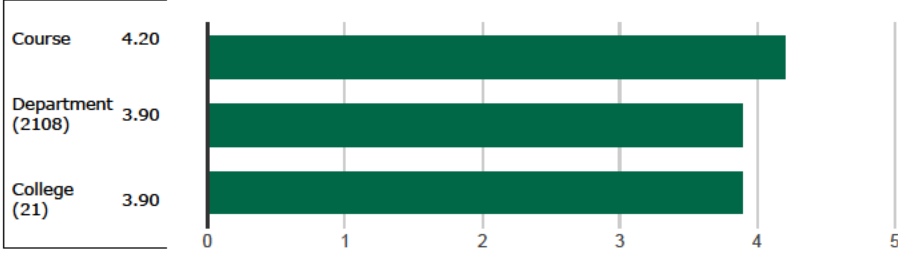
### 4. Availability to Assist Students In or Out of Class



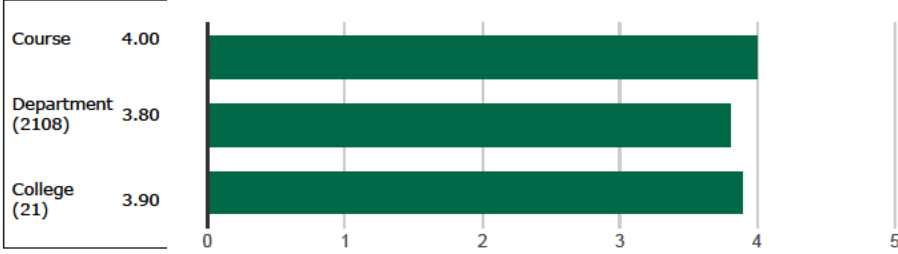
5. Respect and Concern for the Students



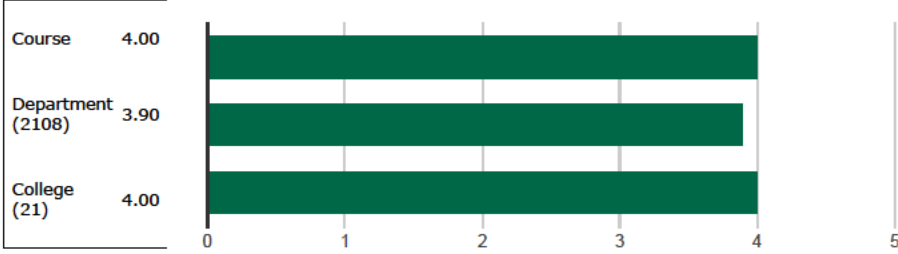
6. Stimulation of Interest in the Course



7. Facilitation of Learning



8. Overall Rating of the Instructor



# Section 3. Comments

The following are responses to two open-ended questions from your students pertaining to you, and the course.

Please provide any additional comments with respect to **Md Rubel Ahmed**

## Comments

A very good professor, but I wish that he created his own presentations. I felt like he was using someone else's slides, and sometimes these slides were very confusing and the professor had to use different examples (from the internet or book) to explain the information from slides. I feel like if he created his own slides, then the learning experience would be a lot better

Friendly but hard to understand, which is unfortunate because of how technical the class is. Also, his github.io profile says "I am also a big fan of RISC-V Architecture," but in class he said "To be honest, I haven't done much RISC-V assembly" - 5/24. So, I don't know what that's about. He seems much more confident in MIPS. I just wish professors were assigned classes that they're confident in, which from his digital footprint seems like mining.

Great professor and he does a good job at giving extra time to material where students need help with.

Great professor and took into account student needs and tried things for the benefit of the students.

He made the subject fun and easy to understand

He's cool

I enjoyed having Rubel as our professor! He was very kind and respectful to us and provided us with many opportunities to showcase our knowledge in ways other than just testing. My only criticism is that he should have the weight ranges decided ahead of time at the start of the semester rather than at the very end, and be clear what assignments are extra credit and what contribute to which grading categories. Otherwise I really appreciate that he takes the time to check in with us and ask if we are understanding the material in class and out.

I think Rubel did a respectable job with the course material he was given. He showed more respect for his students than many of the instructors at USF, and he made a good attempt to teach us the material.

Instructor felt like they were new to teaching which is completely understandable because they actually were and had a busy schedule outside of classes as well. Accent made it difficult to grasp concepts at times. Otherwise, very chill professor.

Mr. Ahmed did a wonderful job at teaching the course this semester given the time crunch for typical summer classes. It was a wonderful experience. The only criticism I have is that I would like more in-class exercises, if possible, to allow the students to absorb the content fully.

N/A

One of the best professors I have ever had. He made the class engaging and always talked about class topics as they related to industry. He always put students' interests first and negotiated with us the way of the course. He was available outside of class and always helped me when I had questions about grad school and class contents. During class he always made sure everyone understood the topic and would repeat as many times as possible. Overall an excellent professor and I hope he says with USF once he gets his PhD.

Only helping people getting A- get an A through course evaluation completion is not a good incentive or idea in general. It ignores majority of others. People get C should be helped by asking for evaluation and also their feedback is more useful and important since they didn't perform as well as others. Good course evaluation is something like 5 points on the final exam. This incentive would motivate and help everyone, including the people getting A+. Course related: Course was really good. I wouldn't change a thing. Thank you for an awesome semester.

perfect

Professor Rubel is not just one of the best professors I have had, he is OUTSTANDING. He brings humility and structure to a busy schedule. It has been a pleasure taking this course with Professor Rubel as he expertly navigates lectures and introduces a bit of humor every now and then. Unlike some tenured professors, Prof. Rubel seems to enjoy not only teaching but also interacting with the class and is always happy to take questions, and answers until the student ACTUALLY understands. He has somehow perfectly balanced all of these attributes and made this one of the best classes I have taken. I appreciated the interaction and the real-world, down-to-earth teaching approach (aka actually caring if students understand). There is nothing left to say - Professor Rubel is the complete opposite of [REDACTED] and I would take any other class that Professor Rubel teaches. Give him tenure, please!!!

Really good and comprehensive professor

Rubel is a very generous and understanding professor that can clearly explain concepts and answer students' questions in class and online. It is obvious he is very passionate about hardware and he cares about delivering information effectively so students truly understand the content. He does a lovely job of teaching overall as he has told us he tries to follow the tips and lessons he learned from his training.

Rubel is extremely generous when it comes to explaining concepts and providing his students with opportunities to exceed. He does a great job and answering questions and helping students find additional information when needed. I appreciate that he doesn't expect his students to fully memorize the large amount of concepts we cover and allows us to have notes ready for the exam, it helps with testing anxiety and focusing on actually applying what was learned.

Rubel was a decent professor, providing a lot of opportunity for extra points via in class activities. I wish more of the class content would have focused on working through example problems that would have been helpful on the homework and exams.

Since the course relied heavily on the slides, I think it's best if they are in the best condition they can be. Clear wordings, clear pictures, etc. A few slides were crammed

with information and a few others were hard to understand. I think numerous practice problems with solutions would have been beneficial to the course. Practice exams, practice quizzes, and reviews are always nice to see. I noticed that after the bonus quizzes the answers to it weren't readily available outside discussing it in class, I would have liked to see what I had gotten wrong on my grading in canvas. I appreciated the class discussions, they helped with my fear of public speaking. By the end, I was less and less afraid that my answer was going to be wrong. Thank you for allowing that type of environment. I hope you have a great rest of your career wherever it takes you.

The professor seemed to know what he was teaching, the only problem I had was that the class was dull. The assignments were from the textbook which is fine.

Very good professor.

# Please provide any additional comments with respect to CDA4205-002 (52054) Computer Architecture

## Comments

Difficult during the summer, but doable

Exams have decent averages. Have to go to office hours to get your exams back. Powerpoints are two hours of information overload, some important some not. Less people would show up if it weren't for the in-class exercises. Exam cheat sheets go against the idea of understanding the material, despite how useful they are. The syllabus gets played around with. For example, the homework is supposed to be graded on completion with grades of either 0 / .5 / 1, but it isn't. The grading scale is affected by survey response percentage - if given a 95% response rate A- turns to an A, but B+, B, etc. stay the same, which is strange. The grades evaluation has also changed, with Exam 1, 2, and the final being worth 20%, 20%, and 40% originally, but now worth 25%, 25%, and 30%, which is a welcome change but generally syllabi should remain unchanged. There's also a "Weight Ranges" section that doesn't make much sense.

I learned a lot, very useful class

It felt really similar to Computer Organization (material was almost 70% identical)

It's a cool class

N/A

Overall it's a good class. I appreciate testing more conceptual knowledge on how processors and CPUs work rather than being dogged down with endless equations and problem solving questions non-stop. Personally, when it comes to RISC-V and learning assembly languages, I'd rather spend time learning higher level languages, because assembly language is pretty rough to learn for me personally, and I don't think we need to know much more than the fundamentals of those languages.

The class is a clone of the computer design class, it uses a near identical textbook. The course is not a good use of study time.

The class needs a hands-on lab rather than an additional homework assignment a week for the students to do.

The class was well covered, and I think the amount of assignments for the material was good.

The course was overall well structured

The course was very interesting and very well presented. The homework was sometimes challenging and confusing so I'd say write instructions more clearly. I found the content to be fairly easy to understand except for the datapath section where I had to look for external resources. I believe the slides could be clearer on that. Maybe adding the entire instruction and highlight with color where every section of the instruction string is going. This was one of my favorite classes at USF and I am expecting to finish with an A.

This class is truly very interesting and I enjoyed going to lecture, reading the textbook, studying for the exams, and doing the homework. It is the best class I'm taking this summer

This course seemed like a worse version of computer organization. I heard the curriculum is in a transitional period, and if that is the case it definitely shows.

This course was set up pretty well and there is not much room to improve. There was a lot of information but Professor Rubel did a great job.

Very good course

With Rubel as the instructor the class was very informative and even enjoyable. The concepts were explained quite well and the class flowed very nicely from Computer Organization and Computer Design and Logic.