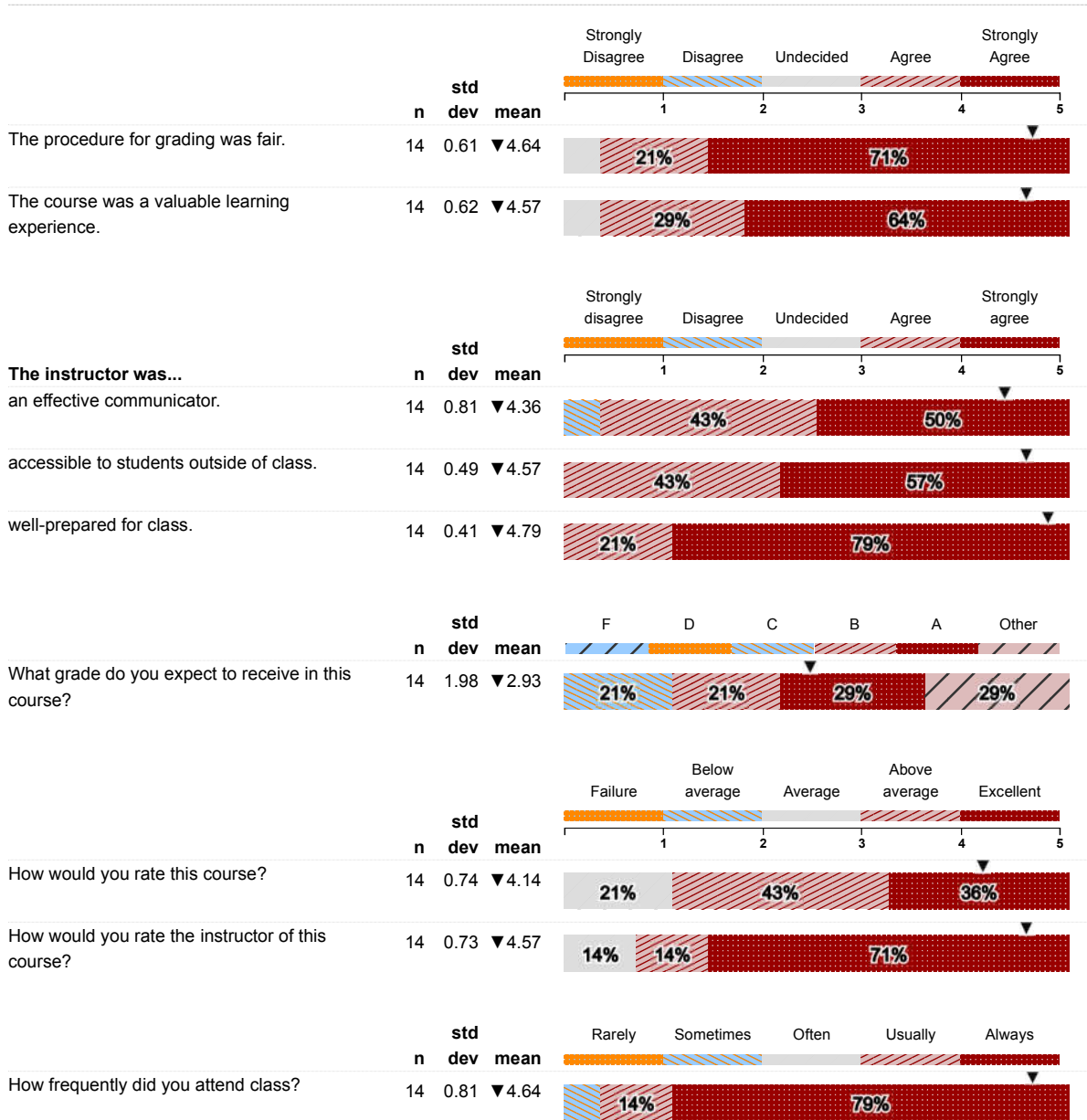


# SOI Report: Spring 2018

## AEM 341-001: Aerospace Structures

### CHARLES O'NEILL

26 Surveyed



### Any additional comments about the instructor.

Dr. O'Neill was by far the best professor I've had this semester, and one of the only instructors that I felt understood the material enough to teach it adequately enough to students. He demonstrated on multiple occasions that he cared about what we found interesting and how each individual best learned the material. For instance, one homework required the students to fill out a short paragraph about what we found the most interesting in structural topics and how we preferred to learn. Dr. O'Neill took note of this and took special care to elaborate on topics when they appeared. While he showed many complex derivations, he also made sure to relate the principles back to a real world phenomenon through videos and in class demonstrations. The wing project and composite part building experience incorporated by Dr. O'Neill are one of the few things taught this semester that I feel will actually translate into the "real world" compared to

other professors.

He thought we were way smarter than we were. glad he's gonna be doing something he enjoys with his peers now.

Dr. O'Neill is a wonderful professor. He very obviously cares about what he is doing and made class interesting. Out of all the professors I had this semester, Dr. O'Neill was always the quickest to answer emails and was the most available outside of class. It was a pleasure to have him as my professor!

Professor O'Neill is honestly a really good instructor. He cares so much about the material and the students. His lectures do seem to pack a lot of material in a complex manner, but that can easily be solved. I had hoped to take more classes with him and get to know him more, but it's very unfortunate that he won't be teaching us anymore.

A really dedicated teacher who enjoys the material which shows by the way he will bring in examples to the class to help understand the material. Also was very understanding when it came to work from other classes and would be lenient with deadlines if it was the same day as all the homework from other classes.

One of the best instructors I've had. No exaggeration.

His notes are extremely clear, and he very effectively communicates the material. He's far more concerned about us understanding the material than anything else.

Cares about students, grades fair, and very accessible. AEM is lucky to have him.

Dr. O'Niell is extremely knowledgeable on the topics covered in class. He is a great communicator, and uses his experience in the industry to supplement his instruction, which makes the learning experience much more interesting. The material is difficult to understand, but Dr. O'Niell finds a way to teach it to where it can be understood well. In my years at University I have not had an instructor as capable at teaching, and as enthusiastic about teaching as Dr.O'Niell. I would consider it an honor to learn more from this instructor, and believe that I will be a better engineer, because I had him as a professor.

Dr. O'Neill is great professor that kept the class interesting although its a tough subject. Moreover, dr. O'Neill helps his students understand the course easier and more effectively. He is very understanding and most importantly very responsive. Although he has research to do he is always willing to help outside of class times. Dr. O'Neill also has his own website that I found to be very useful not only for AEM341 but also for other AEM classes

It's upsetting to know you will no longer be in the department, thank you for everything this semester!

Dr. O-neill was a very effective communicator and has always been accessible outside of class. The students can really feel that he enjoys the subjects. His grading was fair. It was refreshing to have a good teacher that genuinely cares about his students.

Dr. O'Neill is one of my favorite professors on campus and it's a shame he won't be teaching next semester. Though at times he can be hard to understand, he's clearly a genius and I'm confident he could and would help his students with any aerospace related problem they may ever encounter. While I know some students have complained about how rigorous his courses can be, they have been some of my most valuable learning experiences this year. He is a professor who cares deeply about his students and I wish I would have taken some opportunities to go to his office hours for this course because I'm confident he would have always been happy to help.

## Any additional comments about the course.

Fantastic course. I think an incorporation of a lab where things are built such as the wing and composite parts would be a valuable experience.

This course is a fresh course to have after mechanics of materials. It involves a lot of the same material as MOM, but directed towards aircrafts/spacecrafts. But this material can become confusing at times and could use some adjustments to the lecture.

Helped me regain my hope and enthusiasm for aerospace.

The course had some difficult and confusing topic, but the instructor taught it well. I believe that Dr. O'Niell was a great fit for this class. I particularly enjoyed the wing project, and learned a lot about how each part contributes to the wings strength.

overall the course was good. However, I found the book to be very confusing in some wording and diagrams.